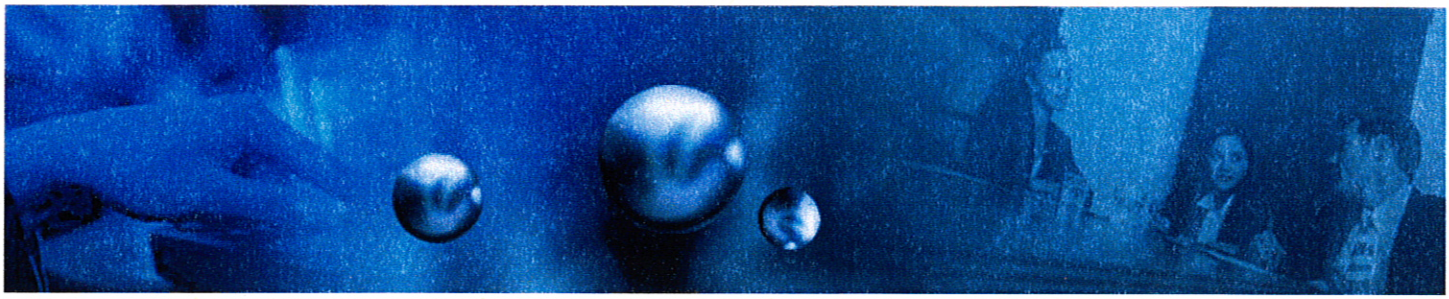

Washington State Administrative Office of the Courts

Superior Court Management Feasibility Study

Refined Cost Analysis
Version 1.2

Deliverable 10

PSC 11291 Superior Court Management Feasibility Study Project

Authored by:	Mr. Robert J. Marlatt
Telephone:	206-442-5010
E-Mail:	rmarlatt@mtgmc.com
Date:	June 24, 2011

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Document History

Author	Version	Date	Comments
Robert Marlatt	1.0	6/8/2011	First draft
Robert Marlatt	1.1	6/15/2011	Updated based on cost-benefit analysis values
Robert Marlatt	1.2	6/24/2011	Finalized based on values of final cost estimates

I. Introduction

A. Purpose

The Superior Court Management Feasibility Study (SCMFS) project is intended to provide the research and analysis needed for the Administrative Office of the Courts (AOC) to make informed decisions about which software applications meet the business needs of the Superior Courts for managing case flow, calendaring, and other necessary functions that support judicial decision making and scheduling, as defined by the SCMFS Executive Sponsor Committee (ESC).

The Refined Cost Analysis (Deliverable 10) is a detailed bottom-up cost estimate. The High-Level Cost Estimate (Deliverable 9) was a scale-of-magnitude cost estimate and was delivered early in the project, prior to the completion of most analysis work. The Refined Cost Analysis results from analyses associated with developing the Gap Analysis (Deliverable 5), the Migration Strategy (Deliverable 6), the Integration Evaluation (Deliverable 7), and the Feasibility Study (Deliverable 8). The Refined Cost Analysis follows the Department of Information Services (DIS) Feasibility Study guidelines for Cost-Benefit Analysis (CBA) Deliverable Schedules.

The CBA is a tool used to examine the financial viability of an investment by considering its onetime project costs, recurring program costs, and the expected tangible benefits. It identifies the return on investment, the net present value, and the payback period for the investment in the project.

B. Scope

The scope of this document is limited to implementing a Superior Court Case Management System (SC-CMS) that meets the business requirements defined in the Stage 2 Business Requirements (Deliverable 3), the Stage 2 Technology Requirements (Deliverable 4), and the Migration Strategy (Deliverable 6).

The ESC has defined the scope for the SC-CMS, which is outlined in the Stage 2 Business Requirements (Deliverable 3). This Refined Cost Analysis provides a CBA for achieving that defined scope of work, in the context of the Migration Strategy (Deliverable 6).

C. Approach

The Refined Cost Analysis consists of two separate CBAs for the two major alternatives considered in the Feasibility Study: a commercial CMS implementation (APPENDIX A) and the transfer of Pierce County's LINX integrated CMS application (APPENDIX B). MTG developed the CBAs using the DIS CBA guidelines and template forms. The CBA is a tool that analyzes onetime project costs, recurring operational costs variances, and tangible benefits. APPENDIX C – Worksheet Inventory provides a list of the worksheets used in both CBAs included in the appendices. Additional worksheets provide detailed breakdowns of costs.

D. Assumptions

The following assumptions have been made regarding the completion of this deliverable:

- The High-Level Cost Estimate (Deliverable 9) provided a scale-of-magnitude cost estimate that has been shared with court and legislative decision makers.

- This Refined Cost Analysis will follow the DIS Feasibility Study guidelines for CBA Deliverable Schedules.
- Costs will follow the Washington Object – Sub object classification as published by the Washington Office of Financial Management.
- AOC provided current cost estimating guidelines that it uses to develop fiscal impact statements for legislative requests.
- MTG developed CBAs for the two alternatives that are viable and for which migration strategies were developed. The refined cost estimate is based on assumptions defined in the Migration Strategy (Deliverable 6).
- AOC provided standard cost parameters for AOC staff position salaries and related costs.
- The CBA is a 10-year cost analysis. It does not include inflation adjustments.

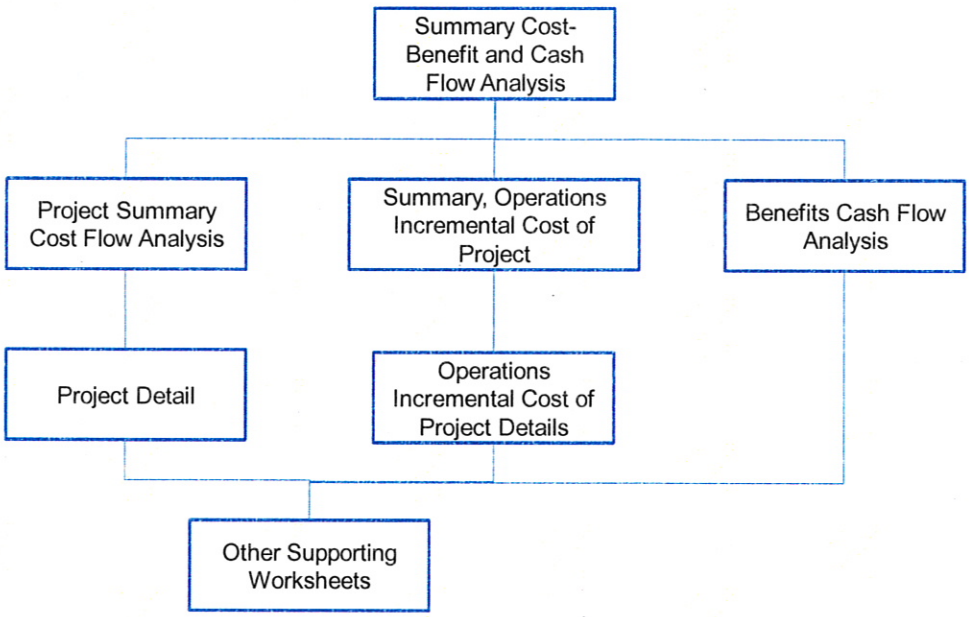
E. Acronyms and Definitions

Acronym	Definition
AOC	Washington State Administrative Office of the Courts
CBA	Cost-Benefit Analysis
CMS	Case Management System
DIS	Washington Department of Information Services
ESC	Executive Sponsor Committee
FTE	Full-Time Equivalent
HR	Human Resources
LINX	Legal Information Network Exchange – Pierce County integrated justice court application
MTG	Management Technology Group, L.L.C.
OFM	Washington Office of Financial Management
SC-CMS	Superior Court Case Management System (new application)
SCMFS	Superior Court Management Feasibility Study
SCOMIS	Superior Court Management Information System – supports Washington state Superior Courts' business operations.

II. Cost Model Overview

This section provides an overview of the structure of the CBA model. Each alternative has a separate CBA (i.e., APPENDIX A – Commercial CMS CBA and APPENDIX B – LINX Transfer CMS CBA). However, the structure of each CBA is similar.

Each alternative CBA set follows the DIS CBA format, using a structure of linked worksheets. High-level summary worksheets are supported by additional detailed worksheets. The following diagram outlines the basic CBA model.



The CBA follows a "straight line" valuation technique. For this reason, annual inflation factors for revenue and expenses have not been included. This enables the easy identification of changes in the model.

APPENDIX C provides an inventory of the worksheets for both CBA models and a corresponding description.

III. CBA

The CBA was performed to evaluate the return on investment based on the costs and benefits associated with each identified alternative. This section presents the summary CBAs for both the Commercial CMS and the LINX Transfer CMS alternatives.

A. CBA Summary

The CBA summary worksheet contains the financial return on investment analysis, which considers the project costs, changes in operation costs, and tangible benefits of the implementations. The analysis evaluates the financial viability of each alternative using standard financial evaluation metrics, including the net present value, the payback period, and the internal rate of return.

The following table provides the key information for the two alternatives.

	10-Year Cost Analysis	
Item	Commercial CMS	LINX Transfer CMS
Total Outflows (Cumulative Costs)	$31,043,711	$34,441,985
Total Inflows (Cumulative Benefits)	$43,339,364	$43,339,364
Net Cash Flow	$7,087,521	$6,893,665
Net Present Value	7,219,669	$3,985,455
Cost of Capital	3.25%	3.25%
Payback Period (Non-Discounted)	8	9
Internal Rate of Return	11.82%	7.18%

B. Current Program Costs

The current program costs are shown in the following table. This includes the local budgets for Superior Courts and County Clerks. It also considers the AOC budget.

Estimated Costs for FY 2010	County[1]	State[2]	Total	AOC[3]	Total
Superior Courts	$125,748,302	$41,502,325	**$167,250,627**	$ -	**$167,250,627**
County Clerks	62,009,768	-	**62,009,768**	-	**62,009,768**
Total Program Costs	**$187,758,070**	**$41,502,325**	**$229,260,395**	**$32,254,454**	**$261,514,849**

1 Information from county budgets for FY 2010. Some county budgets were unavailable, so an estimate was developed comparing those counties to other similar-sized counties.

2 State allotment – passed through to local courts.

3 AOC operating budget for FY 2010.

C. Program Cost Variance

The program cost variance considers the incremental changes in the overall program costs. This includes the net cost increases and decreases that may accrue from implementing the system.

The following table presents the summary for both alternatives. See worksheets A-3 in APPENDIX A – Commercial CMS CBA and B-3 in APPENDIX B – LINX Transfer CMS CBA.

		10-Year Cost Analysis	
Incremental Costs of Project Operations	**Object Codes**	**Commercial CMS**	**LINX Transfer CMS**
Salaries and Wages	(A)	$3,235,560	$5,948,976
Employee Benefits	(B)	818,614	1,499,025
Personal Service Contracts	(CA)	-	-
Communications	(EB)	-	-
Hardware Rent/Lease	(ED)	-	-
Hardware Maintenance	(EE)	-	-
Software Rent/Lease	(ED)	-	-
Software Maintenance and Upgrade	(EE)	3,164,040	-
Data Processing (DP) Goods/Services	(EL)	-	-
Goods/Services Not Listed	(E)	-	-
Travel	(G)	-	-
Hardware Purchase Capitalized	(JC)	1,114,942	918,932
Software Purchase Capitalized	(JC)	-	-
Hardware Purchase – Non-Cap.	(KA)	-	-
Software Purchase – Non-Cap.	(KA)	-	-
Hardware Lease/Purchase	(P)	-	-
Software Lease/Purchase	(P)	-	-
Other (Specify)	( )	-	-
TOTAL OPERATIONS		**$8,333,156**	**$8,366,933**

D. Project Costs

The project costs represent the one-time implementation costs for configuring, validating, and implementing the SC-CMS application in District Courts statewide. See worksheets A-2 in APPENDIX A – Commercial CMS CBA and B-2 in APPENDIX B – LINX Transfer CMS CBA. The following table displays the total project costs for each alternative.

Fiscal Costs, Project Development	OFM Object Codes	10-Year Cost Analysis	
		Commercial CMS	LINX Transfer CMS
Salaries and Wages	(A)	$ 6,844,206	$ 8,869,188
Employee Benefits	(B)	1,866,604	2,368,924
Personal Service Contracts	(CA)	7,322,500	11,650,000
Communications	(EB)	156,000	156,000
Hardware Rent/Lease	(ED)	-	-
Hardware Maintenance	(EE)	-	-
Software Rent/Lease	(ED)	-	-
Software Maintenance and Upgrade	(EE)	-	-
DP Goods/Services	(EL)	-	-
Goods/Services Not Listed	(E)	377,725	431,425
Travel	(G)	150,498	150,498
Hardware Purchase Capitalized	(JC)	557,471	459,466
Software Purchase Capitalized	(JC)	3,446,000	-
Hardware Purchase – Non-Cap.	(KA)	-	-
Software Purchase – Non-Cap.	(KA)	-	-
Hardware Lease/Purchase	(P)	-	-
Software Lease/Purchase	(P)	-	-
Other (Specify)	( )	-	-
TOTAL DEVELOPMENT		$20,721,004	$24,085,501
Stakeholder Impact	(A)	1,989,551	1,989,551
TOTAL DEVELOPMENT AND IMPACT		$22,710,555	$26,075,052

E. Benefits

A benefit can be tangible (measurable) or intangible (provides value, but is not measurable).

The DIS feasibility guidelines categorize the potential tangible benefits that may result from an information technology investment. The table below describes the five tangible benefit categories.

Benefit Category	Definition
Revenue	Additional revenue that the state may receive as an outcome of the proposed changes
Reimbursement	Additional reimbursement to the state from an external source as a result of the change
Cost Reduction	Reduction in costs other than the program operation costs, usually benefiting a third-party stakeholder

Benefit Category	Definition
Other	Other potential tangible benefits
Cost Avoidance	Costs that will be incurred by the program if the change is not made

The overall goal of a new solution is to allow the organization to do its work more efficiently and effectively. In operation, this may translate into increasing revenues, reducing costs, or providing other benefits that allow the courts and County Clerks to fulfill their chartered responsibilities while using fewer resources or providing more value to the organization and its customers. This section provides calculations that serve to quantify the benefits associated with improved operations resulting from a new CMS.

The subsections below are organized into the following four categories of benefits to the courts resulting from a new court CMS environment:

- Improved Calendar and Schedule Data
- Customer Self-Service
- Automated Document and Report Generation and Distribution
- Improved Data Entry

Each category includes detailed benefits provided in a table format. A description of the format used is provided below.

#-X: Benefit Name	
Description	Briefly describes the benefit and any issues the benefit may address.
Type	Classifies the benefit under one of the following categories: ☐ Revenue ☐ Reimbursement ☐ Cost Reduction ☐ Cost Avoidance
Assumptions	Lists any assumptions that have been made to arrive at the figures presented in the computation.
Computation	Shows the calculation(s) made to arrive at the total benefit.
Benefit	Shows the dollar value of the benefit. Where appropriate, the dollar value is broken into value to the court/County Clerk, and value to external parties.

The table below provides sum totals of the tangible benefits according to the 10-year cost analysis. Each benefit is described further in the following subsections.

		10-Year Cost Analysis	
ID	**Description**	**Commercial CMS**	**LINX Transfer CMS**
1-A	Reduce Number of Proceedings Rescheduled Due to Court Congestion	$ 6,334,169	$ 6,334,169
1-B	Reduce Number of Proceedings Rescheduled for Non-Congestion Reasons	11,401,281	11,401,281

ID	Description	10-Year Cost Analysis	
		Commercial CMS	LINX Transfer CMS
1-C	Reduce Time Spent Searching for Open Calendar Dates	1,814,487	1,814,487
2-A	Provide Customer Self-Service Tools for Case Data and Calendar Searches	10,328,175	10,328,175
2-B	Provide Self-Service Protection Order Kiosks	1,557,112	1,557,112
3-A	Automate Production of Mass Mailings and Outsource Mailings to Centralized/Regionalized Print Facilities	8,031,043	8,031,043
3-B	Automate Distribution of Judgment and Sentence Pleadings	754,425	754,425
3-C	Automate Generation and Distribution of Certain Orders	1,416,843	1,416,843
4-A	Reduce Redundant Data Entry	1,701,830	1,701,830
	Annual Benefit to Court/County Clerk and Public	$43,339,365	$43,339,365

1. Benefits of Improved Calendar and Schedule Data

The initial scope of this project focused on the acquisition of a solution that would improve the calendaring and scheduling of court events and resources, as well as improve the case flow management capabilities of the Superior Courts. This first subsection focuses on quantifying the benefits of improving the calendar-based capabilities available to the Superior Courts. The tangible benefits associated with this category are as follows:

- *Reduce Number of Proceedings Rescheduled Due to Court Congestion* – Quantifies the amount of work that could be saved by improving the court's ability to forecast the likely number of cases that will be heard in a given court session.
- *Reduce Number of Proceedings Rescheduled for Non-Congestion Reasons* – Quantifies the amount of work that could be saved by improving the conflict-tracking capabilities available to the County Clerks and courts.
- *Reduce Time Spent Searching for Open Calendar Dates*

Detailed descriptions and calculations for these benefits are provided below.

1-A: Reduce Number of Proceedings Rescheduled Due to Court Congestion	
Description	One of the reasons why proceedings are rescheduled is that court sessions are overbooked in an effort to fill the time allotted to the session. Overbooking is done on the assumption that a percentage of cases will reach a plea agreement, settlement, or be otherwise continued. This practice results in litigants and attorneys who come to court and do not have their cases heard. It also requires County Clerks to do more work to prepare for and support an event that is scheduled but does not take place. The number of cases set for a given session is based on estimates

1-A: Reduce Number of Proceedings Rescheduled Due to Court Congestion	
	developed by the County Clerk, who relies primarily on experience. With better, more up-to-date calendar information, these estimates could be refined, helping to avoid the costs associated with bringing people to the court and not hearing their cases.
Type	☐ Revenue ☐ Reimbursement ☐ Cost Reduction ☒ Cost Avoidance
Assumptions	• 233,345 proceedings were continued, cancelled, or stricken statewide in 2010. • 10% of these proceedings were rescheduled due to court congestion. • Accurate statistics and forecasting could reduce this number by 50%. • 50% of litigants have attorney representation. • It takes 20 minutes of County Clerk time to perform the tasks necessary to reschedule a case. • The median wage for a worker in Washington is $18.[4] • County Clerk time is estimated at $23 per hour. Estimated cost of congestion-related rescheduling:

Item	Cost	Computation
Attorney Time	$75	1 Hour * $150/Hour * 50% Represented
Litigant Time	$27	1 Hour * $18/Hour * 1.5 Litigants Per Case
County Clerk Time	$7.67	20 Minutes * $23/Hour
Total	$109.67	Cost Per Rescheduled Proceeding

Judge and district attorney time is not included as it is assumed that judicial officers and district attorneys do not have unproductive time in a fully or overbooked court session.

Computation	10% of 233,345 = 23,335 proceedings * 50% of proceedings = 11,668 proceedings avoided annually 11,668 proceedings per year * $109.67 per proceeding = $1,279,630 per year
Benefit	$875,100 in attorney time $315,036 in litigant time $89,494 in County Clerk staff time $1,279,630 per year

[4] *March 2010 Occupational Employment and Wage Estimates*, Washington State Employment Security Department, March 2010. http://www.workforceexplorer.com/admin/uploadedPublications/10543_OES_DataBook_6-2010.pdf

1-B: Reduce Number of Proceedings Rescheduled for Non-Congestion Reasons

Description

Of those cases that are continued, canceled, or stricken for reasons other than court congestion, the majority are assumed to be settlements, unavoidable procedural issues, or unavoidable conflicts. However, a moderate percentage of these conflicts could be avoided with better scheduling data.

The costs associated with conflicts in which participants arrive at court but do not have their case heard include the cost of the litigant(s) and attorney(s)' time, and the staff time associated with preparing a case for court and rescheduling it for a later date. This benefit measure outlines the monetary savings of eliminating as many conflicts as possible by using improved scheduling and conflict-checking data.

Type

☐ Revenue ☐ Reimbursement ☐ Cost Reduction ☒ Cost Avoidance

Assumptions

- 233,345 proceedings were continued, cancelled, or stricken statewide in 2010.
- 10% of these proceedings were rescheduled due to court congestion.
- 10% of the remaining proceedings were rescheduled due to avoidable conflicts, meaning that 9% of total proceedings were rescheduled due to avoidable conflicts.
- It takes 20 minutes of County Clerk time to perform the tasks necessary to reschedule a case.
- 50% of litigants have attorney representation.

Estimated cost of non-congestion-related rescheduling:

Item	Cost	Computation
Attorney Time	$75	1 Hour * $150/Hour * 50% Represented
Litigant Time	$27	1 Hour * $18/Hour * 1.5 Litigants Per Case
County Clerk Time	$7.67	20 Minutes * $23/Hour
Total	$109.67	Cost Per Rescheduled Proceeding

Computation

233,345 proceedings * 90% * 10% = 21,002 proceedings per year
21,002 proceedings per year * $109.67 per proceeding = $2,303,289 per year

Benefit

$1,575,150 in attorney time
$567,054 in litigant time
$161,085 in County Clerk staff time
$2,303,289 per year

1-C: Reduce Time Spent Searching for Open Calendar Dates	
Description	The lack of comprehensive calendar views for courtrooms, judicial officers, or other case participants results in a cumbersome scheduling process in which County Clerks and court staff must search individual court calendars and participant schedules in order to avoid scheduling conflicts. By providing comprehensive calendar information to the user as well as automating certain calendar functions according to business rules, the time spent working to avoid conflicts can be reduced.
Type	☐ Revenue ☐ Reimbursement ☐ Cost Reduction ☒ Cost Avoidance
Assumptions	• There are 255 judicial officers (judges and commissioners) in the Superior Courts. • 15 minutes of Superior Court administration time spent scheduling per day, per judicial officer can be saved with an improved calendaring capability.
Computation	255 judicial officers * 0.25 hours per judicial officer * $23 per hour * 250 days per year = $366,563
Benefit	$366,563 per year

2. Benefits of Customer Self-Service

One of the most powerful benefits of modern business technology is how it empowers the customer to perform many of his or her own work tasks. Industries such as banking and travel have benefitted tremendously from giving their customers the ability to serve themselves. By enabling the customer to search and retrieve data or even perform certain data entry tasks, the courts can provide expanded assistance to the people they serve as well as reduce the labor necessary to perform certain business processes. For many customers, self-service is a preferred alternative as it is convenient for them and allows access to services outside of normal business hours. The tangible benefits associated with this category are as follows:

- *Provide Customer Self-Service Tools for Case Data and Calendar Searches* – Quantifies the savings in staff and customer time that may be achieved by placing simple case data and calendar inquiry capabilities online.
- *Provide Self-Service Protection Order Kiosks* – Quantifies the savings in staff and customer time that may be achieved by placing kiosks in courthouses and in certain community locations that allow a person to electronically fill out a petition for a protection order.
- *Provide Customer Access to Electronic Documents* – Quantifies the savings in staff and customer time that may be achieved by providing online access to documents for viewing and printing.
- *Leverage Existing Electronic Filing Systems* – Quantifies the savings in staff and customer time that may be achieved by improving case management integration with existing electronic filing systems.

Detailed descriptions and calculations for these benefits are provided below.

2-A: Provide Customer Self-Service Tools for Case Data and Calendar Searches	
Description	Some of the duties that take up staff time in the courts are service tasks that

2-A: Provide Customer Self-Service Tools for Case Data and Calendar Searches	
	could be performed by the customer if data included in the CMS were made available for public search using online tools. This primarily includes tasks involving simple inquiries into case data. Such inquiries are generally related to calendar information and resolving them currently requires County Clerks to spend time interacting with customers on the telephone.
Type	☐ Revenue ☐ Reimbursement ☐ Cost Reduction ☒ Cost Avoidance
Assumptions	• County Clerk effort for telephone and counter support can be reduced by 30 minutes (average) per day, per court. • 45 minutes of customer time (transportation and wait time) is spent per transaction. • The median wage for a worker in Washington is $18. • 15 customer transactions per day per court can be eliminated by implementing improved self-service tools.
Computation	250 days annually * 0.5 hours per day * 39 courts * $23 per hour = $112,125 0.75 hours of customer time per transaction * 39 courts * $18 per hour * 15 transactions per day * 250 days annually = $1,974,375
Benefit	$112,125 in County Clerk personnel time $1,974,375 in customer time $2,086,500 per year

2-B: Provide Self-Service Protection Order Kiosks	
Description	The process for filling out a petition for a protection order can be time consuming for both the petitioner and County Clerk staff. In many counties, the petitioner must travel to the county courthouse during normal business hours to fill out the petition. Placing self-service kiosks in the courthouse and in locations in the communities served by the courts can save time for both the County Clerk and the petitioner.
Type	☐ Revenue ☐ Reimbursement ☐ Cost Reduction ☒ Cost Avoidance
Assumptions	• 75% of petitions for restraining, protection, anti-harassment, and sexual assault orders will be filled out at a computer using template-based forms. • A protection order petition filled out using template-based forms saves 30 minutes of County Clerk time. • 10% of petitions will be filled out at non-courthouse locations • Using a kiosk at a non-courthouse location will save the petitioner 0.75 hours of travel time. • 32,640 temporary orders occur per year.
Computation	32,640 temporary orders per year * 75% = 24,480 orders filled out using template-based forms 24,480 orders * 0.5 hours per order * $23 per hour = $281,520 per year 24,480 orders * 10% filled out at non-courthouse locations * 0.75 hours travel

2-B: Provide Self-Service Protection Order Kiosks	
	time * $18 per hour = $33,048 per year
Benefit	$281,520 in County Clerk time $33,048 in customer/public time $314,568 per year

3. Benefits of Automated Document and Report Generation and Distribution

Some of the tasks required of court and County Clerk personnel require information to be retrieved from one or more systems, packaged into a consumable format, and distributed to agencies or individuals. The benefits in this subsection measure the gains that may be realized by automating the document and report generation functions currently performed by court and County Clerk personnel. The tangible benefits associated with this category are as follows:

- *Automate Production of Mass Mailings and Outsource Mailings to Centralized/Regionalized Print Facilities* – Quantifies the benefit of outsourcing the generation and distribution of high-volume mailings (e.g., notices).
- *Automate Production of Daily, Weekly, Monthly, Etc., Reports, and Transmit Data Electronically* – Quantifies the benefit of improving the capability to generate and distribute standard and ad hoc reports to other agencies.
- *Automate Distribution of Judgment and Sentence Pleadings* – Quantifies the benefit of automating the preparation and distribution of judgment and sentence pleadings.
- *Automate Generation and Distribution of Certain Orders* – Quantifies the benefit of automating the processes necessary to generate and distribute protection, no-contact, and anti-harassment orders to various partner agencies.

Detailed descriptions and calculations for these benefits are provided below.

3-A: Automate Production of Mass Mailings and Outsource Mailings to Centralized/Regionalized Print Facilities	
Description	This benefit measures the efficiencies that could be achieved by sending notices and statutory notifications to case participants from a central production facility. These items are currently prepared and mailed manually. Using the data available in an improved CMS, mailings could be prepared automatically using automated correspondence technologies. These technologies package database information into a consumable format and send the data to a production printing center for printing and mailing.
Type	☐ Revenue ☐ Reimbursement ☒ Cost Reduction ☐ Cost Avoidance
Assumptions	• Courts and County Clerks generate mailings at a rate of approximately three mailings per case file. • Court staff spend 7 minutes preparing, publishing, and mailing each piece of correspondence. • This processing time could be reduced to 2 minutes (a 5-minute reduction) by employing a central production and mailing facility for this responsibility. • Centralized document preparation services will cost $0.10 per mailing.

3-A: Automate Production of Mass Mailings and Outsource Mailings to Centralized/Regionalized Print Facilities				
Computation	298,955 cases filed in 2010 * 3 mailings per case = 896,865 mailings			
	Time/Mailing	**Hours**	**Rate**	**Cost**
	7 Minutes (0.117)	104,933	$23	$2,413,464
	5 Minutes (0.083)	74,440	$23	$1,712,120
	2 Minutes (0.033)	29,596	$23	$680,721
	Production cost = 896,865 *.10 = $89,687 896,865 mailings * 0.083 hours per mailing = 74,440 hours * $23 per hour = $1,712,120 subtract $89,687 production cost = $1,622,433			
Benefit	$1,622,433 per year			

3-B: Automate Distribution of Judgment and Sentence Pleadings	
Description	For those criminal cases that end in a finding of guilt, judgment and sentence pleadings must be generated and distributed to several different agencies. By increasing the automation of the generation and distribution of these pleadings, the amount of time needed to process this information can be reduced.
Type	☐ Revenue ☐ Reimbursement ☒ Cost Reduction ☐ Cost Avoidance
Assumptions	• 38,979 criminal cases were resolved in 2010. • 15 minutes of County Clerk time is spent per pleading. • 68% of criminal cases end in a guilty finding according to data warehouse statistics. • Increased automation could reduce the effort to generate and distribute pleadings by 50%.
Computation	38,979 criminal cases * 68% guilty rate = 26,506 guilty findings 26,506 guilty findings * 0.25 hours per finding * $23 per hour = $152,409
Benefit	$152,409 per year

3-C: Automate Generation and Distribution of Certain Orders	
Description	This benefit measures efficiencies that may be gained by automating the distribution of protection, no-contact, and anti-harassment orders. These orders, once signed by a judge, must be distributed to various agencies. This includes orders that are denied, terminated, or modified. Distribution of these orders is currently carried out manually. Automation of the generation and distribution of these orders to partner agencies has the potential for significant savings in terms of effort spent.
Type	☐ Revenue ☐ Reimbursement ☒ Cost Reduction ☐ Cost Avoidance
Assumptions	• 25 minutes of County Clerk time is spent per order. • 59,261 orders are issued per year according to data warehouse statistics. • Automation can reduce the effort needed to perform this task by 50%.
Computation	0.42 hours per order * $23 per hour * 59,261 orders * 50% reduction = $286,231
Benefit	$286,231 per year

4. Benefits of Improved Data Entry

Data entry represents a significant portion of the work performed by users of the AOC's information systems. Given the number of cases that pass through the courts each year and the corresponding amount of data entry associated with those cases, any increase in efficiency in this area has the potential for significant impact. While previous benefits have addressed improvements in data entry—most notably pushing data entry tasks out to customers—this category focuses on the benefit of improving data entry within the court. The tangible benefit associated with this category is as follows:

Reduce Redundant Data Entry – Quantifies the benefit of reducing the amount of redundant data entry performed by County Clerk staff, both within the case management environment and among multiple case management applications.

A detailed description and calculations for this benefit are provided below.

4-A: Reduce Redundant Data Entry	
Description	The use of fragmented legacy systems that do not share information has created an environment in which case data may have to be entered more than once by different staff members or by a single individual. For example, a County Clerk may have to enter case information into the proceedings system and then enter much of the same data into the Superior Court Management Information System (SCOMIS). Such situations occur at several points in the existing case work flow, at every court level. Once data is converted from the legacy judicial information system (JIS) to the core CMS, County Clerks will be able to enter information that can be easily accessed for other processes in the court case work flow. This will save County Clerk case processing time and ensure the more efficient storage of case data. The implementation of the CMS will streamline the identified court work flow

4-A: Reduce Redundant Data Entry	
	areas that currently involve the most points of duplicate data entry and collection, significantly reducing current processing time. A post-implementation analysis will be conducted on the same work flow areas to determine the number of duplicate data entry points that have been eliminated.
Type	☐ Revenue ☐ Reimbursement ☐ Cost Reduction ☒ Cost Avoidance
Assumptions	• 10% of entries are redundant and can be eliminated. • Each case requires approximately 30 minutes of data entry for the life of the case.
Computation	298,955 cases filed in 2010 * 0.5 hours per case * 10% redundancy = 14,948 hours 14,948 hours * $23 per hour = $343,804
Benefit	$343,804 per year

5. Total Tangible Benefits

The table below provides sum totals of the tangible benefits described in the previous subsections.

ID	Description	Court/ County Clerk Benefit	Public Benefit	Total Annual Benefit
1-A	Reduce Number of Proceedings Rescheduled Due to Court Congestion	$ 89,494	$1,190,136	$1,279,630
1-B	Reduce Number of Proceedings Rescheduled for Non-Congestion Reasons	161,085	2,142,204	2,303,289
1-C	Reduce Time Spent Searching for Open Calendar Dates	366,563	0	366,563
2-A	Provide Customer Self-Service Tools for Case Data and Calendar Searches	112,125	1,974,375	2,086,500
2-B	Provide Self-Service Protection Order Kiosks	281,520	33,048	314,568
3-A	Automate Production of Mass Mailings and Outsource Mailings to Centralized/ Regionalized Print Facilities	1,622,433	0	1,622,433
3-B	Automate Distribution of Judgment and Sentence Pleadings	152,409	0	152,409
3-C	Automate Generation and Distribution of Certain Orders	286,231	0	286,231
4-A	Reduce Redundant Data Entry	343,804	0	343,804
	Annual Benefit to Court/County Clerk and Public	$3,415,664	$5,339,763	$8,755,427

IV. Document Approval

Reviewed by:

Title	Name	Signature	Date
Project Sponsor	Vonnie Diseth	Vonnie Diseth	6/27/2011
MTG Project Officer	Joseph Wheeler	Todd Wheeler	6/27/11
AOC Project Manager	Kate Kruller	[illegible]	6-27-11
MTG Project Lead	Robert Marlatt	Robert Marlatt	6-27-11

Appendix A – Commercial CMS CBA

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Table of Contents

Worksheet	Title	Option
A-1	Summary, Cost Benefit and Cash Flow Analysis	Commercial CMS
A-2	Project Summary Cost Cash Flow Analysis	Commercial CMS
A-3	Summary, Operations Incremental Cost of Project	Commercial CMS
A-4	Benefits Cash Flow Analysis	Commercial CMS
A-5	Project Detail	Commercial CMS
A-6	Operations Incremental Cost of Project Details	Commercial CMS
A-7	AOC 10 Year Implementation Personnel Costs	Commercial CMS
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A-9	AOC Personnel Cost Analysis	Commercial CMS
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A-14	Solution Provider Personnel FTE Plan Detail	Commercial CMS
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A-17	Stakeholder Financial Impact	Commercial CMS
A-18	Stakeholder Hour Impact	Commercial CMS

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Form 1/ Summary, Cost Benefit and Cash Flow Analysis
Commercial CMS
24-Jun-11

Agency Administrative Office of the Courts

Superior Courts
Case Management

	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	GRAND TOTAL
TOTAL OUTFLOWS	674,189	3,757,709	4,055,192	4,637,083	5,385,355	5,625,692	1,667,906	1,782,061	1,790,619	1,667,906	31,043,711
TOTAL INFLOWS	0	0	0	437,771	2,626,628	5,253,256	8,755,427	8,755,427	8,755,427	8,755,427	43,339,364
NET CASH FLOW	(674,189)	(3,757,709)	(4,055,192)	(4,199,311)	(2,758,727)	(372,436)	7,087,521	6,973,366	6,964,808	7,087,521	
INCREMENTAL NPV	NA	(4,177,837)	(7,862,020)	(11,557,049)	(13,908,081)	(14,215,486)	(8,549,651)	(3,150,543)	2,072,200	7,219,669	
Cumulative Costs	NA	4,431,898	8,487,090	13,124,173	18,509,528	24,135,221	25,803,126	27,585,187	29,375,806	31,043,711	
Cumulative Benefits	NA	0	0	437,771	3,064,399	8,317,656	17,073,083	25,828,510	34,583,937	43,339,364	

Cost of Capital	Breakeven Period - yrs.*		NPV $	IRR %
	Non-Discounted	Discounted		
3.25%	8	8	7,219,669	11.82%

* - "Non-Discounted" represents breakeven period for cumulative costs and benefits (no consideration of time value of money).
- "Discounted" considers effect of time value of money through incremental Net Present Value.

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Project Summary Cost Cash Flow Analysis **Agency** Administrative Office of the Courts **Project Option** Superior Courts Case Management

Commercial CMS

24-Jun-11

FISCAL COSTS, PROJECT DEVELOPMENT	OFM Object Codes	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	GRAND TOTAL
		DEVELOPMENT PHASES										
Salaries and Wages	(A)	397,488	1,358,310	1,380,084	1,236,108	1,236,108	1,236,108	0	0	0	0	6,844,206
Employee Benefits	(B)	100,651	357,202	357,202	350,516	350,516	350,516	0	0	0	0	1,866,604
Personal Service Contracts	(CA)	100,000	1,599,750	1,442,250	1,363,500	1,363,500	1,453,500	0	0	0	0	7,322,500
Communications	(EB)	26,000	26,000	26,000	26,000	26,000	26,000	0	0	0	0	156,000
Hardware Rent/Lease	(ED)	0	0	0	0	0	0	0	0	0	0	0
Hardware Maintenance	(EE)	0	0	0	0	0	0	0	0	0	0	0
Software Rent/Lease	(ED)	0	0	0	0	0	0	0	0	0	0	0
Software Maintenance & Upgrade	(EE)	0	0	0	0	0	0	0	0	0	0	0
DP Goods/Services	(EL)	0	0	0	0	0	0	0	0	0	0	0
Goods/Services Not Listed	(E)	42,525	126,525	55,600	49,375	51,225	52,475	0	0	0	0	377,725
Travel	(G)	7,525	15,050	15,050	37,625	37,625	37,625	0	0	0	0	150,498
Hardware Purchase Capitalized	(JC)	0	221,023	229,581	106,868	0	0	0	0	0	0	557,471
Software Purchase Capitalized	(JC)	0	0	172,300	861,500	1,033,800	1,378,400	0	0	0	0	3,446,000
Hardware Purchase - Non. Cap	(KA)	0	0	0	0	0	0	0	0	0	0	0
Software Purchase - Non. Cap	(KA)	0	0	0	0	0	0	0	0	0	0	0
Hardware Lease/Purchase	(P)	0	0	0	0	0	0	0	0	0	0	0
Software Lease/Purchase	(P)	0	0	0	0	0	0	0	0	0	0	0
Other (specify)	( )	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEVELOPMENT		674,189	3,703,860	3,678,067	4,031,491	4,098,774	4,534,624	0	0	0	0	20,721,004
Stakeholder Impact	(A)	0	53,849	340,443	500,267	763,752	331,239	0	0	0	0	1,989,551
TOTAL DEVELOPMENT & IMPACT		674,189	3,757,709	4,018,510	4,531,758	4,862,526	4,865,863	0	0	0	0	22,710,555

Note: See Worksheet E-5 for project details.

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Summary, Operations Incremental Cost of Project
Commercial CMS
24-Jun-11

Agency Administrative Office of the Courts **Project Option** Superior Courts Case Management

Notes	OPERATIONS INCREMENTAL COSTS OF PROJECT (Per Form 4 - Column C)		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	GRAND TOTAL
	Salaries and Wages	(A)	0	0	29,328	58,656	87,984	117,312	735,570	735,570	735,570	735,570	3,235,560
	Employee Benefits	(B)	0	0	7,354	14,708	22,063	29,417	186,268	186,268	186,268	186,268	818,614
	Personal Service Contracts	(CA)	0	0	0	0	0	0	0	0	0	0	0
	Communications	(EB)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Rent/Lease	(ED)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Maintenance	(EE)	0	0	0	0	0	0	0	0	0	0	0
	Software Rent/Lease	(ED)	0	0	0	0	0	0	0	0	0	0	0
	Software Maintenance and Upgrade	(EE)	0	0	0	31,960	191,760	383,520	639,200	639,200	639,200	639,200	3,164,040
	DP Goods/Services	(EL)	0	0	0	0	0	0	0	0	0	0	0
	Goods/Services Not Listed	(E)	0	0	0	0	0	0	0	0	0	0	0
	Travel	(G)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Purchase Capitalized	(JC)	0	0	0	0	221,023	229,581	106,868	221,023	229,581	106,868	1,114,942
	Software Purchase Capitalized	(JC)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Purchase - Non. Cap	(KA)	0	0	0	0	0	0	0	0	0	0	0
	Software Purchase - Non. Cap	(KA)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Lease/Purchase	(P)	0	0	0	0	0	0	0	0	0	0	0
	Software Lease/Purchase	(P)	0	0	0	0	0	0	0	0	0	0	0
	Other (specify)	( )	0	0	0	0	0	0	0	0	0	0	0
	TOTAL OPERATIONS		0	0	36,682	105,324	522,830	759,829	1,667,906	1,782,061	1,790,619	1,667,906	8,333,157
	Agency Project Expenditures (E-2)		674,189	3,703,860	3,678,067	4,031,491	4,098,774	4,534,624	0	0	0	0	20,721,004
	TOTAL AGENCY OUTFLOWS		674,189	3,703,860	3,714,749	4,136,816	4,621,603	5,294,453	1,667,906	1,782,061	1,790,619	1,667,906	29,054,161
	Stakeholder Impact (E-2)	(A)	0	53,849	340,443	500,267	763,752	331,239	0	0	0	0	1,989,551
(1) (2)	TOTAL OUTFLOWS		674,189	3,757,709	4,055,192	4,637,083	5,385,355	5,625,692	1,667,906	1,782,061	1,790,619	1,667,906	31,043,711
	CUMULATIVE COSTS			4,431,898	8,487,090	13,124,173	18,509,528	24,135,221	25,803,126	27,585,187	29,375,806	31,043,711	

(1) Total Outflows the sum of Fiscal Total Operations and Total Development from Form2.
(2) Total Outflows carried to Form1

Note: See Worksheet E-6 for Details of this worksheet.

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Benefits Cash Flow Analysis
Commercial CMS
24-Jun-11
Suggested Format

Agency Administrative Office of the Courts

Superior Courts
Case Management

TANGIBLE BENEFITS		OFM Object Codes	FY 2012	FY 2013	FY 2014	BENEFITS FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Hard $													
Revenues (specify)		(revenue codes)	0	0	0	0	0	0					0
													0
													0
													0
													0
Reimbursements (specify)		(object codes)	0	0	0	0	0	0					0
													0
													0
													0
													0
													0
Cost Reduction (specify) (1)		(object codes)	0	0	0	0	0	0					0
Automate Mass Mailings	3-A		0	0	0	81,122	486,730	973,460	1,622,433	1,622,433	1,622,433	1,622,433	8,031,043
Automate J&S Distribution	3-B		0	0	0	7,620	45,723	91,445	152,409	152,409	152,409	152,409	754,425
Automate Order Distribution	3-C		0	0	0	14,312	85,869	171,739	286,231	286,231	286,231	286,231	1,416,843
													0
Other (specify)		(object codes)	0	0	0	0	0	0					0
													0
													0
													0
													0
Soft $													0
Cost Avoidance (specify)		(object codes)	0	0	0	0	0	0					0
Reduce Congestion	1-A		0	0	0	63,982	383,889	767,778	1,279,630	1,279,630	1,279,630	1,279,630	6,334,169
Reduce Rescheduling	1-B		0	0	0	115,164	690,987	1,381,973	2,303,289	2,303,289	2,303,289	2,303,289	11,401,281
Reduce Calendar Searches	1-C		0	0	0	18,328	109,969	219,938	366,563	366,563	366,563	366,563	1,814,487
Customer Self-Service	2-A		0	0	0	104,325	625,950	1,251,900	2,086,500	2,086,500	2,086,500	2,086,500	10,328,175
Protection Order Kiosks	2-B		0	0	0	15,728	94,370	188,741	314,568	314,568	314,568	314,568	1,557,112
Reduce Redundant Entry	4-A		0	0	0	17,190	103,141	206,282	343,804	343,804	343,804	343,804	1,701,830
													0
													0
													0
													0
													0
TOTAL INFLOWS			0	0	0	437,771	2,626,628	5,253,256	8,755,427	8,755,427	8,755,427	8,755,427	43,339,364
CUMULATIVE BENEFITS				0	0	437,771	3,064,399	8,317,656	17,073,083	25,828,510	34,583,937	43,339,364	

(1) Reflect all Cost Reduction Benefits except Operations reductions (which are reflected in Cost of Operations).
(2) Total Inflows carries to Form1

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Project Detail
Commercial CMS

Line	ITEM	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
1	**Salaries and Wages** (A)											
2	Technology Staff (WORKSHEET E-7 Part 1)	397,488	1,358,310	1,380,084	1,236,108	1,236,108	1,236,108	-	-	-	-	6,844,206
3		-	-	-	-	-	-	-	-	-	-	-
4		-	-	-	-	-	-	-	-	-	-	-
5	Salaries and Wages Total	397,488	1,358,310	1,380,084	1,236,108	1,236,108	1,236,108	-	-	-	-	6,844,206
6	**Employee Benefits** (B)											
7	Technology Staff Benefits (WORKSHEET E-7 Part 3)	100,651	357,202	357,202	350,516	350,516	350,516	-	-	-	-	1,866,604
8		-	-	-	-	-	-	-	-	-	-	-
9		-	-	-	-	-	-	-	-	-	-	-
10	Employee Benefits Total	100,651	357,202	357,202	350,516	350,516	350,516	-	-	-	-	1,866,604
11	**Personal Service Contracts** (CA)											
12	Configuration and Validation (WORKSHEET E-12)	-	1,383,750	1,226,250	-	-	-	-	-	-	-	2,610,000
13	Statewide Rollout (WORKSHEET E-12)	-	-	-	1,147,500	1,147,500	1,237,500	-	-	-	-	3,532,500
14	Requirements and RFP Contract	100,000	-	-	-	-	-	-	-	-	-	100,000
15	Independent Quality Assurance		216,000	216,000	216,000	216,000	216,000	-	-	-	-	1,080,000
16	Personal Services Contracts Total	100,000	1,599,750	1,442,250	1,363,500	1,363,500	1,453,500	-	-	-	-	7,322,500
17	**Stakeholder Costs** (A)											
18	SC-CMS Preparation (WORKSHEET E-18)	-	53,849	309,630	323,093	578,874	-	-	-	-	-	1,265,446
19	SC-CMS Implementation (WORKSHEET E-18)	-	-	30,813	177,175	184,878	331,239	-	-	-	-	724,105
20		-	-	-	-	-	-	-	-	-	-	-
21	Communications Total	-	53,849	340,443	500,267	763,752	331,239	-	-	-	-	1,989,551
22	**Communications** (EB)											
23	Local Court Communication	26,000	26,000	26,000	26,000	26,000	26,000	-	-	-	-	156,000
24		-	-	-	-	-	-	-	-	-	-	-
25		-	-	-	-	-	-	-	-	-	-	-
26	Communications Total	26,000	26,000	26,000	26,000	26,000	26,000	-	-	-	-	156,000
27	**Hardware Rent/Lease** (ED)											
28		-	-	-	-	-	-	-	-	-	-	-
29		-	-	-	-	-	-	-	-	-	-	-
30		-	-	-	-	-	-	-	-	-	-	-
31	Hardware Rent/Lease Total	-	-	-	-	-	-	-	-	-	-	-
32	**Hardware Maintenance** (EE)											
33		-	-	-	-	-	-	-	-	-	-	-
34		-	-	-	-	-	-	-	-	-	-	-
35		-	-	-	-	-	-	-	-	-	-	-
36	Hardware Maintenance Total	-	-	-	-	-	-	-	-	-	-	-
37	**Software Rent/Lease** (ED)											
38		-	-	-	-	-	-	-	-	-	-	-
39		-	-	-	-	-	-	-	-	-	-	-
40		-	-	-	-	-	-	-	-	-	-	-
41	Software Rent/Lease Total	-	-	-	-	-	-	-	-	-	-	-
42	**Software Maintenance & Upgrade** (EE)											
43		-	-	-	-	-	-	-	-	-	-	-
44		-	-	-	-	-	-	-	-	-	-	-
45		-	-	-	-	-	-	-	-	-	-	-
46	Software Maintenance & Upgrade Total	-	-	-	-	-	-	-	-	-	-	-
47	**DP Goods/Services** (EL)											
48		-	-	-	-	-	-	-	-	-	-	-
49		-	-	-	-	-	-	-	-	-	-	-
50		-	-	-	-	-	-	-	-	-	-	-
51	DP Goods/Services Total	-	-	-	-	-	-	-	-	-	-	-

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Project Detail
Commercial CMS

Line	ITEM		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
52	**Goods/Services Not Listed**	(E)											
53	Onetime Ancillary Personnel Costs		42,525	113,400	8,100	-	8,100	8,100	-	-	-	-	180,225
54	Annual Ancillary Personnel Costs		-	13,125	47,500	49,375	43,125	44,375	-	-	-	-	197,500
55			-	-	-	-	-	-	-	-	-	-	-
56	Goods/Services Not Listed Total		42,525	126,525	55,600	49,375	51,225	52,475	-	-	-	-	377,725
57	**Travel**	(G)											
58	Large Court Support Per Diem Days (70/court)		5,827.50	11,655.00	11,655.00	29,137.50	29,137.50	29,137.50	-	-	-	-	116,550
59	Small Court Support Per Diem Days (12/court)		1,697.40	3,394.80	3,394.80	8,487.00	8,487.00	8,487.00	-	-	-	-	33,948
60			-	-	-	-	-	-	-	-	-	-	-
61	Travel Total		7,525	15,050	15,050	37,625	37,625	37,625	-	-	-	-	150,498
62	**Hardware Purchase Capitalized**	(JC)											
63	SC-CMS Computer System (WORKSHEET E-15)		-	221,023	229,581	106,868	-	-	-	-	-	-	557,471
64			-	-	-	-	-	-	-	-	-	-	-
65			-	-	-	-	-	-	-	-	-	-	-
66	Hardware Purchase Capitalized		-	221,023	229,581	106,868	-	-	-	-	-	-	557,471
67	**Software Purchase Capitalized**	(JC)											
68	SC-CMS COTS Software License (WORKSHEET E-8)		-	-	159,800	799,000	958,800	1,278,400	-	-	-	-	3,196,000
69	Integration License (WORKSHEET E-8)		-	-	12,500	62,500	75,000	100,000	-	-	-	-	250,000
70			-	-	-	-	-	-	-	-	-	-	-
71	Software Purchase Capitalized		-	-	172,300	861,500	1,033,800	1,378,400	-	-	-	-	3,446,000
72	**Hardware Purchase - Non. Cap**	(KA)											
73			-	-	-	-	-	-	-	-	-	-	-
74			-	-	-	-	-	-	-	-	-	-	-
75			-	-	-	-	-	-	-	-	-	-	-
76	Hardware Purchase - Non. Cap Total		-	-	-	-	-	-	-	-	-	-	-
77	**Software Purchase - Non. Cap**	(KA)											
78			-	-	-	-	-	-	-	-	-	-	-
79			-	-	-	-	-	-	-	-	-	-	-
80			-	-	-	-	-	-	-	-	-	-	-
81	Software Purchase - Non. Cap Total		-	-	-	-	-	-	-	-	-	-	-
82	**Hardware Lease/Purchase**	(P)											
83			-	-	-	-	-	-	-	-	-	-	-
84			-	-	-	-	-	-	-	-	-	-	-
85			-	-	-	-	-	-	-	-	-	-	-
86	Hardware Lease/Purchase Total		-	-	-	-	-	-	-	-	-	-	-
87	**Software Lease/Purchase**	(P)											
88			-	-	-	-	-	-	-	-	-	-	-
89			-	-	-	-	-	-	-	-	-	-	-
90			-	-	-	-	-	-	-	-	-	-	-
91	Software Lease/Purchase Total		-	-	-	-	-	-	-	-	-	-	-
92	**Other (specify)**	( )											
93			-	-	-	-	-	-	-	-	-	-	-
94			-	-	-	-	-	-	-	-	-	-	-
95			-	-	-	-	-	-	-	-	-	-	-
96	Other Total		-	-	-	-	-	-	-	-	-	-	-
97													
98	Grand Total		674,189	3,703,860	3,678,067	4,031,491	4,098,774	4,534,624	-	-	-	-	20,721,004
99													

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Operations Incremental Cost of Project Details
Commercial CMS

Line		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
1	**Salaries and Wages** (A)											
2	Recurring Personnel Costs (WORKSHEET E-7 Part 2)	-	-	29,328	58,656	87,984	117,312	735,570	735,570	735,570	735,570	3,235,560
3			-	-	-	-	-	-	-	-	-	-
4		-	-	-	-	-	-	-	-	-	-	-
5	Salaries and Wages Total	-	-	29,328	58,656	87,984	117,312	735,570	735,570	735,570	735,570	3,235,560
6	**Employee Benefits** (B)											
7	Recurring Benefits (WORKSHEET E-7 Part 4)	-	-	7,354	14,708	22,063	29,417	186,268	186,268	186,268	186,268	818,614
8		-	-	-	-	-	-	-	-	-	-	-
9		-	-	-	-	-	-	-	-	-	-	-
10	Employee Benefits Total	-	-	7,354	14,708	22,063	29,417	186,268	186,268	186,268	186,268	818,614
11	**Personal Service Contracts** (CA)											
12		-	-	-	-	-	-	-	-	-	-	-
13		-	-	-	-	-	-	-	-	-	-	-
14		-	-	-	-	-	-	-	-	-	-	-
15	Personal Services Contracts Total	-	-	-	-	-	-	-	-	-	-	-
16	**Communications** (EB)											
17		-	-	-	-	-	-	-	-	-	-	-
18		-	-	-	-	-	-	-	-	-	-	-
19		-	-	-	-	-	-	-	-	-	-	-
20	Communications Total	-	-	-	-	-	-	-	-	-	-	-
21	**Hardware Rent/Lease** (ED)											
22		-	-	-	-	-	-	-	-	-	-	-
23		-	-	-	-	-	-	-	-	-	-	-
24		-	-	-	-	-	-	-	-	-	-	-
25	Hardware Rent/Lease Total	-	-	-	-	-	-	-	-	-	-	-
26	**Hardware Maintenance** (EE)											
27		-	-	-	-	-	-	-	-	-	-	-
28		-	-	-	-	-	-	-	-	-	-	-
29		-	-	-	-	-	-	-	-	-	-	-
30	Hardware Maintenance Total	-	-	-	-	-	-	-	-	-	-	-
31	**Software Rent/Lease** (ED)											
32		-	-	-	-	-	-	-	-	-	-	-
33		-	-	-	-	-	-	-	-	-	-	-
34		-	-	-	-	-	-	-	-	-	-	-
35	Software Rent/Lease Total	-	-	-	-	-	-	-	-	-	-	-
36	**Software Maintenance & Upgrade** (EE)											
37	SC-CMS Annual Maintenance (WORKSHEET E-5)	-	-	-	31,960	191,760	383,520	639,200	639,200	639,200	639,200	3,164,040
38		-	-	-	-	-	-	-	-	-	-	-
39		-	-	-	-	-	-	-	-	-	-	-
40	Software Maintenance & Upgrade Total	-	-	-	31,960	191,760	383,520	639,200	639,200	639,200	639,200	3,164,040
41	**DP Goods/Services** (EL)											
42		-	-	-	-	-	-	-	-	-	-	-
43		-	-	-	-	-	-	-	-	-	-	-
44		-	-	-	-	-	-	-	-	-	-	-
45	DP Goods/Services Total	-	-	-	-	-	-	-	-	-	-	-
46	**Goods/Services Not Listed** (E)											
47	Cost for Assigned Project Staff	-	-	8,100	1,250	10,600	3,750	45,500	25,625	25,625	25,625	146,075
48		-	-	-	-	-	-	-	-	-	-	-
49		-	-	-	-	-	-	-	-	-	-	-
50	Goods/Services Not Listed Total	-	-	8,100	1,250	10,600	3,750	45,500	25,625	25,625	25,625	146,075
51	**Travel** (G)											
52		-	-	-	-	-	-	-	-	-	-	-
53		-	-	-	-	-	-	-	-	-	-	-
54		-	-	-	-	-	-	-	-	-	-	-
55	Travel Total	-	-	-	-	-	-	-	-	-	-	-

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Operations Incremental Cost of Project Details
Commercial CMS

Line			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
56	**Hardware Purchase Capitalized**	(JC)											
57	Technology Refresh (3 year Cycle)		-	-	-	-	221,023	229,581	106,868	221,023	229,581	106,868	1,114,942
58			-	-	-	-	-	-	-	-	-	-	-
59			-	-	-	-	-	-	-	-	-	-	-
60	Hardware Purchase Capitalized		-	-	-	-	221,023	229,581	106,868	221,023	229,581	106,868	1,114,942
61	**Software Purchase Capitalized**	(JC)											
62			-	-	-	-	-	-	-	-	-	-	-
63			-	-	-	-	-	-	-	-	-	-	-
64			-	-	-	-	-	-	-	-	-	-	-
65	Software Purchase Capitalized		-	-	-	-	-	-	-	-	-	-	-
66	**Hardware Purchase - Non. Cap**	(KA)											
67			-	-	-	-	-	-	-	-	-	-	-
68			-	-	-	-	-	-	-	-	-	-	-
69			-	-	-	-	-	-	-	-	-	-	-
70	Hardware Purchase - Non. Cap Total		-	-	-	-	-	-	-	-	-	-	-
71	**Software Purchase - Non. Cap**	(KA)											
72			-	-	-	-	-	-	-	-	-	-	-
73			-	-	-	-	-	-	-	-	-	-	-
74			-	-	-	-	-	-	-	-	-	-	-
75	Software Purchase - Non. Cap Total		-	-	-	-	-	-	-	-	-	-	-
76	**Hardware Lease/Purchase**	(P)											
77			-	-	-	-	-	-	-	-	-	-	-
78			-	-	-	-	-	-	-	-	-	-	-
79			-	-	-	-	-	-	-	-	-	-	-
80	Hardware Lease/Purchase Total		-	-	-	-	-	-	-	-	-	-	-
81	**Software Lease/Purchase**	(P)											
82			-	-	-	-	-	-	-	-	-	-	-
83			-	-	-	-	-	-	-	-	-	-	-
84			-	-	-	-	-	-	-	-	-	-	-
85	Software Lease/Purchase Total		-	-	-	-	-	-	-	-	-	-	-
86	**Other (specify)**	( )											
87			-	-	-	-	-	-	-	-	-	-	-
88			-	-	-	-	-	-	-	-	-	-	-
89			-	-	-	-	-	-	-	-	-	-	-
90	Other Total		-	-	-	-	-	-	-	-	-	-	-
91													
92	Grand Total		-	-	44,782	106,574	533,430	763,579	1,713,406	1,807,686	1,816,244	1,693,531	8,479,232
93													

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

AOC 10 Year Implementation Personnel Costs
Commercial CMS

	Standard Cost	Nbr	Extended	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Part 1 - Project Personnel														
AOC Costs														
State Project Manager	$ 93,816	1	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ -	$ -	$ -	$ -	$ 562,896
State SMEs	64,740	4	258,960	129,480	258,960	258,960	258,960	258,960	258,960	-	-	-	-	$ 1,424,280
AOC Programmer/Analyst (Functional Analysts)	87,096	6	522,576	174,192	522,576	522,576	348,384	348,384	348,384	-	-	-	-	$ 2,264,496
AOC DBA	87,096	1	87,096		87,096	87,096	87,096	87,096	87,096	-	-	-	-	$ 435,480
AOC Quality Analyst	87,096	2	174,192		174,192	174,192	174,192	174,192	174,192	-	-	-	-	$ 870,960
AOC Infrastructure Technician	87,096	1	87,096		87,096	87,096	43,548	43,548	43,548	-	-	-	-	$ 304,836
Training	58,656	3	175,968		58,656	58,656	175,968	175,968	175,968					$ 645,216
Communication Staff	64,740	0.5	32,370		32,370	32,370	32,370	32,370	32,370					$ 161,850
Application Analyst	87,096	0.25	21,774		21,774	21,774								$ 43,548
EA Consultant	87,096	0.25	21,774		21,774	21,774								$ 43,548
Security Analyst	87,096	0.25	21,774		-	21,774	21,774	21,774	21,774	-	-	-	-	$ 87,096
	Total	19.25		$ 397,488	$ 1,358,310	$ 1,380,084	$ 1,236,108	$ 1,236,108	$ 1,236,108	$ -	$ -	$ -	$ -	$ 6,844,206
Part 2 - Recurring Program Personnel														
AOC														-
State Project Manager	93,816	0.5	46,908	$ -	$ -	$ -	$ -	$ -	$ -	$ 46,908	$ 46,908	$ 46,908	$ 46,908	$ 187,632
State SMEs	64,740	4	258,960	-	-	-	-	-	-	258,960	258,960	258,960	258,960	$ 1,035,840
AOC Programmer/Analyst	87,096	2	174,192	-	-	-	-	-	-	174,192	174,192	174,192	174,192	$ 696,768
AOC DBA	87,096	0.25	21,774	-	-	-	-	-	-	21,774	21,774	21,774	21,774	$ 87,096
AOC Quality Analyst	87,096	0.5	43,548	-	-	-	-	-	-	43,548	43,548	43,548	43,548	$ 174,192
AOC Infrastructure Technician	87,096	0.5	43,548	-	-	-	-	-	-	43,548	43,548	43,548	43,548	$ 174,192
AOC Helpdesk (Supporting SC-CMS)	58,656	2.5	146,640	-	-	29,328	58,656	87,984	117,312	146,640	146,640	146,640	146,640	$ 879,840
Total														
	Total	10.25		$ -	$ -	$ 29,328	$ 58,656	$ 87,984	$ 117,312	$ 735,570	$ 735,570	$ 735,570	$ 735,570	$ 3,235,560
Part 1+2 - Total Staff Salaries				$ 397,488	$ 1,358,310	$ 1,409,412	$ 1,294,764	$ 1,324,092	$ 1,353,420	$ 735,570	$ 735,570	$ 735,570	$ 735,570	$ 10,079,766

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

AOC 10 Year Implementation Personnel Costs
Commercial CMS

	Standard Cost	Nbr	Extended	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Part 3 - Project HR Benefit Cost														
State Project Manager	0.2515			$ 23,594	$ 23,594	$ 23,594	$ 23,594	$ 23,594	$ 23,594	$ -	$ -	$ -	$ -	$ 141,564
State SMEs	0.2578			33,377	66,754	66,754	66,754	66,754	66,754	-	-	-	-	$ 367,149
AOC Programmer/Analyst	0.2508			43,680	131,040	131,040	87,360	87,360	87,360	-	-	-	-	$ 567,840
AOC DBA	0.2508			-	21,840	21,840	21,840	21,840	21,840	-	-	-	-	$ 109,200
AOC Quality Analyst	0.2508			-	43,680	43,680	43,680	43,680	43,680	-	-	-	-	$ 218,400
AOC Infrastructure Technician	0.2508			-	21,840	21,840	10,920	10,920	10,920	-	-	-	-	$ 76,440
Training	0.2508			-	14,708	14,708	44,125	44,125	44,125	-	-	-	-	$ 161,793
Communication Staff	0.2508			-	14,708	14,708	44,125	44,125	44,125	-	-	-	-	$ 161,793
Application Analyst	0.2508			-	8,117	8,117	8,117	8,117	8,117	-	-	-	-	$ 40,585
EA Consultant	0.2508			-	5,460	5,460	-	-	-	-	-	-	-	$ 10,920
Security Analyst	0.2508			-	5,460	5,460	-	-	-	-	-	-	-	$ 10,920
														$ -
														$ -
	Total		Total	$ 100,651	$ 357,202	$ 357,202	$ 350,516	$ 350,516	$ 350,516	$ -	$ -	$ -	$ -	$ 1,866,604
Part 4 - Recurring Program HR Benefit Cost														
State Project Manager	0.2508			$ -	$ -	$ -	$ -	$ -	$ -	$ 11,763	$ 11,763	$ 11,763	$ 11,763	$ 47,050
State SMEs	0.2578			-	-	-	-	-	-	66,754	66,754	66,754	66,754	$ 267,017
AOC Programmer/Analyst	0.2508			-	-	-	-	-	-	43,680	43,680	43,680	43,680	$ 174,720
AOC DBA	0.2508			-	-	-	-	-	-	5,460	5,460	5,460	5,460	$ 21,840
AOC Quality Analyst	0.2508			-	-	-	-	-	-	10,920	10,920	10,920	10,920	$ 43,680
AOC Infrastructure Technician	0.2508			-	-	-	-	-	-	10,920	10,920	10,920	10,920	$ 43,680
AOC Helpdesk	0.2508			-	-	7,354	14,708	22,063	29,417	36,771	36,771	36,771	36,771	$ 220,627
														$ -
	Total		Total	$ -	$ -	$ 7,354	$ 14,708	$ 22,063	$ 29,417	$ 186,268	$ 186,268	$ 186,268	$ 186,268	$ 818,614
Part 5 - Ancillary Personnel Costs														
	Total Staff		Total Staff	5.25	19	19.75	17.25	17.75	18.25	10.25	10.25	10.25	10.25	
	New Staff		New Staff	5.25	14	1	0	1	1	0	0	0	0	
Onetime Ancillary Personnel Costs	$8,100			$42,525	$113,400	$8,100	$0	$8,100	$8,100	$0	$0	$0	$0	$180,225
Annual Ancillary Personnel Costs	$2,500			$0	$13,125	$47,500	$49,375	$43,125	$44,375	$45,625	$25,625	$25,625	$25,625	$320,000
	Total		Total	$ 42,525	$ 126,525	$ 55,600	$ 49,375	$ 51,225	$ 52,475	$ 45,625	$ 25,625	$ 25,625	$ 25,625	$ 500,225

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Implementation Schedules and Rates
Commercial CMS

	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Court Personnel											
Percentage Implemented/Year	0%	0%	5%	25%	30%	40%	0%	0%	0%	0%	100%
Percentage Implemented to Date	0%	0%	5%	30%	60%	100%	100%	100%	100%	100%	
Users Installed	0	0	64	320	384	511	0	0	0	0	1,278
Project Professional Services											
Percentage Implemented		25%	28%	13%	15%	20%	0%	0%	0%	0%	100%
Travel											
Percentage of Travel	5%	10%	10%	25%	25%	25%	0%	0%	0%	0%	100%
Project Materials											
Percentage Implemented		25%	4%	19%	23%	30%	0%	0%	0%	0%	100%
Recurring Program Materials											
Percentage Implemented			25%	29%	48%	70%	100%	100%	100%	100%	

Court Personnel directly reflects rollout schedule of 5% (pilot) / 25% / 30% / 40%.
Project Materials costs are slightly front loaded, assuming that materials must be acquired before implementation.
Professional Service costs are slightly more front loaded than materials over the implementation period.
Recurring Program Material costs are a function of the Project Material implementation schedule.

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

AOC Personnel Cost Analysis

Commercial CMS

PHASE		Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	FTE Cost	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
State Project Manager	93,816	93,816	93,816	93,816	93,816	93,816	93,816	46,908	46,908	46,908	46,908	844,344
Subject Matter Expert	64,740	129,480	258,960	258,960	258,960	258,960	258,960	258,960	258,960	258,960	258,960	2,524,860
Programmer Analyst	87,096	174,192	522,576	522,576	348,384	348,384	348,384	174,192	174,192	174,192	174,192	3,048,360
AOC DBA	87,096	-	87,096	87,096	87,096	87,096	87,096	21,774	21,774	21,774	21,774	609,672
Quality Analyst	87,096	21,774	348,384	348,384	174,192	174,192	174,192	43,548	43,548	43,548	43,548	1,502,406
Infrastructure Technician	87,096	-	87,096	87,096	43,548	43,548	43,548	43,548	43,548	43,548	43,548	566,124
Training	58,656	-	58,656	58,656	175,968	175,968	175,968	-	-	-	-	703,872
Communication Staff	64,740	-	32,370	32,370	32,370	32,370	32,370	-	-	-	-	226,590
Application Analyst	87,096	-	21,774	21,774	-	-	-	-	-	-	-	130,644
Solution Architect (EA)	87,096	-	21,774	21,774	-	-	-	-	-	-	-	130,644
Security Analyst	87,096	-	-	21,774	21,774	21,774	21,774	-	-	-	-	174,192
Help Desk	58,656	-	-	29,328	58,656	87,984	117,312	146,640	146,640	146,640	146,640	938,496
Total		419,262	1,532,502	1,583,604	1,294,764	1,324,092	1,353,420	735,570	735,570	735,570	735,570	10,449,924

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

AOC Personnel FTE Plan

Commercial CMS

PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	**FY 2012**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FTE/10**
State Project Manager	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.8
Subject Matter Expert	2	4	4	4	4	4	4	4	4	4	3.8
Programmer Analyst	2	6	6	4	4	4	2	2	2	2	3.4
AOC DBA	0	1	1	1	1	1	0.25	0.25	0.25	0.25	0.6
Quality Analyst	0.25	4	4	2	2	2	0.5	0.5	0.5	0.5	1.625
Infrastructure Technician	0	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.55
Training	0	1	1	3	3	3	0	0	0	0	1.1
Communication Staff	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0.25
Application Analyst	0	0.25	0.25	0	0	0	0	0	0	0	0.05
Solution Architect (EA)	0	0.25	0.25	0	0	0	0	0	0	0	0.05
Security Analyst	0	0	0.25	0.25	0.25	0.25	0	0	0	0	0.1
Help Desk	0	0	0.5	1	1.5	2	2.5	2.5	2.5	2.5	1.5
TOTAL	5.25	19	19.75	17.25	17.75	18.25	10.25	10.25	10.25	10.25	13.825
New Staff	5.25	14	1	0	1	1	0	0	0	0	

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

AOC Personnel FTE Plan Detail
Commercial CMS

		Acquisition	Configure & Validation		Statewide Rollout			Ongoing Support			
Position	Tasks	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
	Acquisition	1									
	Configuration and Validation		1	1							
Project Manager	Implementation				1	1	1				
	Ongoing Support							0.5	0.5	0.5	0.5
	TOTAL	1	1	1	1	1	1	0.5	0.5	0.5	0.5
SME	Acquisition	2									
	Configuration and Validation		4	1							
	Testing			1.5							
	Pilot Implementation			1.5							
	Statewide Rollout				4	4	4				
	Ongoing Support							4	4	4	4
	TOTAL	2	4	4	4	4	4	4	4	4	4
Programmer Analyst	Acquisition	2									
	Configuration and Validation		2	2							
	Data Conversion		4	2							
	Testing			1							
	Implementation Support			1	1	1	1				
	Statewide Rollout				3	3	3				
	Ongoing Support							2	2	2	2
	TOTAL	2	6	6	4	4	4	2	2	2	2
DBA	Configuration and Validation		0.25	0.25							
	Data Conversion		0.5	0.5	0.5	0.5	0.5				
	Testing		0.25	0.25							
	Implementation Support				0.25	0.25	0.25	0.25	0.25	0.25	0.25
	Statewide Rollout				0.25	0.25	0.25				
	Ongoing Support										
	TOTAL	0	1	1	1	1	1	0.25	0.25	0.25	0.25
QA	Acquisition	0.25									
	Configuration and Validation		0.5	0.5							
	Data Conversion		0.5	0.25							
	Testing		3	2.75							
	Pilot Implementation			0.5	2	2	2				
	Ongoing Support							0.5	0.5	0.5	0.5
	TOTAL	0.25	4	4	2	2	2	0.5	0.5	0.5	0.5

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

AOC Personnel FTE Plan Detail
Commercial CMS

Position	Tasks	Acquisition FY 2012	Configure & Validation FY 2013	FY 2014	Statewide Rollout FY 2015	FY 2016	FY 2017	Ongoing Support FY 2018	FY 2019	FY 2020	FY 2021
Infrastructure											
	Infrastructure Implementation		0.75	0.75							
	Testing		0.25	0.25	0.25	0.25	0.25				
	Statewide Rollout				0.25	0.25	0.25				
	Ongoing Support							0.5	0.5	0.5	0.5
	TOTAL	0	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Trainer	Develop Training Materials		0.5	0.5							
	Application Training		0.5	0.25							
	Pilot Implementation			0.25							
	Statewide Rollout Training				3	3	3				
	TOTAL	0	1	1	3	3	3	0	0	0	0
Communications	Configuration and Validation		0.5	0.1							
	Implementation Support			0.3	0.5	0.5	0.5				
	Pilot Implementation			0.1							
	Statewide Rollout Training										
	TOTAL	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0
Application Analyst	Configuration and Validation		0.25	0.25							
	TOTAL	0	0.25	0.25	0	0	0	0	0	0	0
EA - Solution Architect	Configuration and Validation		0.25	0.25							
	TOTAL	0	0.25	0.25	0	0	0	0	0	0	0
Security Analyst	Pilot Implementation			0.25							
	Support Implementation				0.25	0.25	0.25				
	TOTAL	0	0	0.25	0.25	0.25	0.25	0	0	0	0
Help Desk	Help Desk Support			0.5	1	1.5	2	2.5	2.5	2.5	2.5
	TOTAL	0	0	0.5	1	1.5	2	2.5	2.5	2.5	2.5

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Solution Provider Personnel FTE Plan

Commercial CMS

PHASE ->	Rate	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Provider Project Manager	$ 125	$ -	$ 225,000	$ 225,000	$ 225,000	$ 225,000	$ 225,000	$ -	$ -	$ -	$ -	$ 1,125,000
Subject Matter Expert	$ 100	$ -	$ 360,000	$ 360,000	$ 360,000	$ 360,000	$ 360,000	$ -	$ -	$ -	$ -	$ 1,800,000
Programmer Analyst	$ 100	$ -	$ 360,000	$ 180,000	$ 90,000	$ 90,000	$ 180,000	$ -	$ -	$ -	$ -	$ 900,000
AOC DBA	$ 125	$ -	$ 112,500	$ 112,500	$ 90,000	$ 90,000	$ 90,000	$ -	$ -	$ -	$ -	$ 495,000
Quality Analyst	$ 75	$ -	$ 67,500	$ 67,500	$ 67,500	$ 67,500	$ 67,500	$ -	$ -	$ -	$ -	$ 337,500
Infrastructure Technician	$ 100	$ -	$ 90,000	$ 90,000	$ 54,000	$ 54,000	$ 54,000	$ -	$ -	$ -	$ -	$ 342,000
Training	$ 75	$ -	$ 67,500	$ 67,500	$ 135,000	$ 135,000	$ 135,000	$ -	$ -	$ -	$ -	$ 540,000
Communication Staff	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Application Analyst	$ 100	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Solution Architect (EA)	$ 125	$ -	$ 56,250	$ 56,250	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 112,500
Security Analyst	$ 100	$ -	$ 45,000	$ 45,000	$ 36,000	$ 36,000	$ 36,000	$ -	$ -	$ -	$ -	$ 198,000
Help Desk	$ 50	$ -	$ -	$ 22,500	$ 90,000	$ 90,000	$ 90,000	$ -	$ -	$ -	$ -	$ 292,500
TOTAL		$ -	$ 1,383,750	$ 1,226,250	$ 1,147,500	$ 1,147,500	$ 1,237,500	$ -	$ -	$ -	$ -	$ 6,142,500

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Solution Provider Personnel FTE Plan
Commercial CMS

PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	**FY 2012**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FTE/10**
State Project Manager	0	1	1	1	1	1	0	0	0	0	0.5
Subject Matter Expert	0	2	2	2	2	2	0	0	0	0	1
Programmer Analyst	0	2	1	0.5	0.5	1	0	0	0	0	0.5
AOC DBA	0	0.5	0.5	0.4	0.4	0.4	0	0	0	0	0.22
Quality Analyst	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0.25
Infrastructure Technician	0	0.5	0.5	0.3	0.3	0.3	0	0	0	0	0.19
Training	0	0.5	0.5	1	1	1	0	0	0	0	0.4
Communication Staff	0	0	0	0	0	0	0	0	0	0	0
Application Analyst	0	0	0	0	0	0	0	0	0	0	0
Solution Architect (EA)	0	0.25	0.25	0	0	0	0	0	0	0	0.05
Security Analyst	0	0.25	0.25	0.2	0.2	0.2	0	0	0	0	0.11
Help Desk	0	0	0.25	1	1	1	0	0	0	0	0.325
TOTAL	0	7.5	6.75	6.9	6.9	7.4	0	0	0	0	3.545
New Staff	0	8	-1	0	0	1	0	0	0	0	

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Solution Provider Personnel FTE Plan Detail

Commercial CMS

		Acquisition	Configure & Validation		Statewide Rollout			Ongoing Support			
Position	Tasks	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
	Acquisition										
	Configuration and Validation		1	1							
Project Manager	Implementation				1	1	1				
	Ongoing Support										
	TOTAL	0	1	1	1	1	1	0	0	0	0
SME	Acquisition										
	Configuration and Validation		2	1							
	Testing			0.5							
	Pilot Implementation			0.5							
	Statewide Rollout				2	2	2				
	Ongoing Support										
	TOTAL	0	2	2	2	2	2	0	0	0	0
Programmer Analyst	Acquisition										
	Configuration and Validation		1	0.25							
	Data Conversion		1	0.25							
	Testing			0.25							
	Implementation Support			0.25	0.25	0.25	0.5				
	Statewide Rollout				0.25	0.25	0.5				
	Ongoing Support										
	TOTAL	0	2	1	0.5	0.5	1	0	0	0	0
DBA	Configuration and Validation		0.1	0.1							
	Data Conversion		0.3	0.3	0.2	0.2	0.2				
	Testing		0.1	0.1							
	Implementation Support										
	Statewide Rollout				0.2	0.2	0.2				
	Ongoing Support										
	TOTAL	0	0.5	0.5	0.4	0.4	0.4	0	0	0	0
QA	Configuration and Validation										
	Data Conversion		0.2	0.1							
	Testing		0.3	0.3							
	Pilot Implementation			0.1	0.5	0.5	0.5				
	Ongoing Support										
	TOTAL	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Solution Provider Personnel FTE Plan Detail
Commercial CMS

Position	Tasks	Acquisition FY 2012	Configure & Validation FY 2013	FY 2014	Statewide Rollout FY 2015	FY 2016	FY 2017	Ongoing Support FY 2018	FY 2019	FY 2020	FY 2021
Infrastructure	Infrastructure Design		0.3								
	Infrastructure Implementation		0.1	0.4							
	Testing		0.1	0.1	0.1	0.1	0.1				
	Statewide Rollout				0.2	0.2	0.2				
	Ongoing Support										
	TOTAL	0	0.5	0.5	0.3	0.3	0.3	0	0	0	0
Trainer	Develop Training Materials		0.25	0.1							
	Application Training		0.25	0.1							
	Pilot Implementation			0.3							
	Statewide Rollout Training				1	1	1				
	TOTAL	0	0.5	0.5	1	1	1	0	0	0	0
Communications	Configuration and Validation										
	Implementation Support										
	Pilot Implementation										
	Statewide Rollout Training										
	TOTAL	0	0	0	0	0	0	0	0	0	0
Application Analyst	Configuration and Validation		0	0							
	TOTAL	0	0	0	0	0	0	0	0	0	0
EA - Solution Architect	Configuration and Validation		0.25	0.25							
	TOTAL	0	0.25	0.25	0	0	0	0	0	0	0
Security Analyst	Pilot Implementation		0.25	0.25							
	Support Implementation				0.2	0.2	0.2				
	TOTAL	0	0.25	0.25	0.2	0.2	0.2	0	0	0	0
Help Desk	Help Desk Support			0.25	1	1	1				
	TOTAL	0	0	0.25	1	1	1	0	0	0	0

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Technology Infrastructure Configuration Estimate

Commercial CMS

Line	Item	Technical Description	Unit Price	Quantity	Extended		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
1	**HARDWARE**																
2	HP ProLiant ML350	Server Application	$ 7,041.44	10	$ 70,414.40	Dev, Quality, Test, Train, Prod Servers	$ -	$ 28,166	$ 28,166	$ 14,083	$ -	$ -	$ -		$ -	$ -	$ 70,414
3	HP ProLiant ML350	Server Database	$ 6,091.44	10	$ 60,914.40	Dev, Quality, Test, Train, Prod Servers		24,366	24,366	12,183							$ 60,914
4	HP ProLiant ML350	Server - Web	$ 5,959.44	10	$ 59,594.40	Web Server		23,838	23,838	11,919							$ 59,594
5	Work Stations	Support Work Station	$ 1,298.40	4	$ 5,193.60			5,194									$ 5,194
6	Dell Power Vault MD1220	Storage Array	$ 13,536.32	4	$ 54,145.28	Disk Storage (12TB)			54,145								$ 54,145
7	Digital Printer	Production Printer	$ 35,000.00	2	$ 70,000.00	Production Printer			35,000	35,000							$ 70,000
8	Color LaserJet Enterprise CM4540 Laser MFP, Copy/Print/Scan HP CC419A		$ 4,405.00	1	$ 4,405.00	Color Laser Printers		4,405									$ 4,405
9	Power Vault Tape Drive		$ 2,023.00	8	$ 16,184.00	Tape Backup System		16,184									$ 16,184
10	APC Symmetra 16KVA 11200 Watt Power Array 208V UPS		$ 4,300.00	4	$ 17,200.00	Uninterruptable Power Supply		17,200									$ 17,200
11	Laser fiche Enterprise - Electronic Document Management (LFS40)		$ 21,000.00	0	$ -	Records Management System		-									$ -
12	**HARDWARE TOTAL**				$ 358,051.08		$ -	$ 119,351.88	$ 165,514.56	$ 73,184.64	$ -	$ -	$ -	$ -	$ -	$ -	$ 358,051.08
13	**SOFTWARE**																$ -
14	MS SQL Server (X Proc)		$ 4,570.75	20	$ 91,415.00	Relational Database		36,566	36,566	18,283							$ 91,415
15	MS Visual Studio Pro		$ 341.85	20	$ 6,837.00	Development environments		6,837									$ 6,837
16	MS Windows Server		$ -	10	$ -	Included in Server Costs above		-									$ -
17	MS Server Client		$ 18.88	1100	$ 20,768.00			20,768									$ 20,768
18	MS OFFICE		$ 550.00	128	$ 70,400.00	Support Correspondence Management		27,500	27,500	15,400							$ 70,400
19	**SOFTWARE TOTAL**				$ 189,420.00		$ -	$ 91,671.00	$ 64,066.00	$ 33,683.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 189,420.00
20	**OTHER**																$ -
21	Cabling		$ 10,000.00	1	$ 10,000.00			10,000									$ 10,000
22																	$ -
23																	$ -
24	**OTHER TOTAL**				$ 10,000.00		$ -	$ 10,000.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,000.00
25																	$ -
26																	$ -
27	**GRAND TOTAL**				$ 557,471.08		$ -	$ 221,023	$ 229,581	$ 106,868	$ -	$ -	$ -	$ -	$ -	$ -	$ 557,471
28																	
29																	
30																	

NOTES:

Hardware and software quantities are based on proposal from New Dawn to Spokane Municipal Court, 2011.

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Variables and Assumptions		
Commercial CMS		
Item	Value	Unit
Contract Analyst Designer	$100	Hour
Contract Programmer	$100	Hour
Contract Project Manager	$150	Hour
Contract Quality Assurance	$150	Hour
Salaries		
AOC Project Manager	$93,816	Position/Year
AOC General Subject Matter Expert	$64,740	Position/Year
AOC Programmer/Analyst (Business Analyst)	$87,096	Position/Year
AOC DBA	$87,096	Position/Year
AOC Quality Analyst	$87,096	Position/Year
AOC Infrastructure Technician	$87,096	Position/Year
AOC Help Desk	$58,656	Position/Year
Employee Benefits Percentage		
AOC Project Manager	25.15%	% of Annual Salary
AOC General Subject Matter Expert	25.78%	% of Annual Salary
AOC Programmer/Analyst	25.08%	% of Annual Salary
AOC DBA	25.08%	% of Annual Salary
AOC Quality Analyst	25.08%	% of Annual Salary
AOC Infrastructure Technician	25.08%	% of Annual Salary
AOC Help Desk	30.95%	% of Annual Salary
Onetime Ancillary Personnel Costs	$8,100	Each New Position
Annual Ancillary Personnel Costs	$2,500	$/Position/Year
Court Staff (Clerk/Admin.) Average Hourly Rate	$23	Hour
Judge Average Hourly Rate	$92	Hour
Litigant Hourly Rate	$18	Hour
Attorney Hourly Rate	$150	Hour
Justice Partner Hourly Rate	$75	Hour
Local IT Staff Hourly Rate	$42	Hour
Number of Judges Served	189	
Average Number of Staff to Support One Judge	5.8	Judge
Number of Staff Served	1096.2	
Total Users Served	1285.2	
General AOC Employee Benefits Percentage	25.78%	% of Annual Salary
Cost of Workstation	$2,000	Each
Cost of Developer Workstation	$2,000	Each
Personnel Charge	0.070%	Classified Salary
Personnel Charge	246	FTEs Per Year
Cost of Capital	3.25%	Industry % cost of capital
CMS Application Software Licensing	$3,000	$/Named User
CMS Application Software Maintenance	20.00%	Year
Judges' Salary	$148,832	$/Year
Judges' Salary and Benefits	$192,408	$/Year

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Variables and Assumptions		
Commercial CMS		
Item	**Value**	**Unit**
County Clerk Line Staff	$48,146	$/Year
Courts Line Staff	$48,146	$/Year
Superior Court Operational Costs	$48,434	$/FTE/Year
County Clerk Operational Costs	$11,210	$/FTE/Year
Facility Requirements – Judge Superior Court	1970	Square Feet
Staff Space Needs	120	Square Feet
Average Cost Per Square Foot	$300	$/Square Foot
Non-High Cost Per Diem	$123	$/Day
High Cost Per Diem	$185	$/Day
Court Operational Costs Per FTE	$48,434	Superior Court Staff FTE
Clerk Operational Cost Per FTE	$11,210	Clerk Staff FTE
Cost of Server	$25,000	Each

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Stakeholder Financial Impact
Commercial CMS

Stakeholder Preparation Impact

	PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	Hourly Rate	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Litigants and Other	$ 18	-	5,184	29,808	31,104	55,728	-	-	-	-	-	121,824
Justice Partners	$ 75	-	9,600	55,200	57,600	103,200	-	-	-	-	-	225,600
Local IT	$ 42	-	3,303	18,992	19,818	35,507	-	-	-	-	-	77,619
Staff	$ 23	-	13,909	79,976	83,453	149,520	-	-	-	-	-	326,858
Judge	$ 92	-	9,584	55,105	57,501	103,023	-	-	-	-	-	225,213
Trial Court Administrator / Lead	$ 23	-	2,072	11,916	12,434	22,277	-	-	-	-	-	48,699
Presiding Judge	$ 92	-	8,156	46,898	48,937	87,679	-	-	-	-	-	191,671
Clerk	$ 23	-	2,041	11,735	12,245	21,940	-	-	-	-	-	47,962
TOTAL		-	53,849	309,630	323,093	578,874	-	-	-	-	-	1,265,446

Stakeholder Implementation Impact
Commercial CMS

	PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	Hourly Rate	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Litigants and Other	$ 18	-	-	1,728	9,936	10,368	18,576	-	-	-	-	40,608
Justice Partners	$ 75	-	-	5,400	31,050	32,400	58,050	-	-	-	-	126,900
Local IT	$ 42	-	-	6,378	36,674	38,269	68,565	-	-	-	-	149,886
Staff	$ 23	-	-	8,559	49,216	51,356	92,012	-	-	-	-	201,143
Judge	$ 92	-	-	5,898	33,911	35,385	63,399	-	-	-	-	138,593
Trial Court Administrator / Lead	$ 23	-	-	879	5,055	5,275	9,451	-	-	-	-	20,660
Presiding Judge	$ 92	-	-	1,092	6,277	6,550	11,736	-	-	-	-	25,654
Clerk	$ 23	-	-	879	5,055	5,275	9,451	-	-	-	-	20,660
TOTAL		-	-	30,813	177,175	184,878	331,239	-	-	-	-	724,105

SC-CMS COST BENEFIT ANALYSIS: COMMERCIAL CMS

Stakeholder Hour Impact
Commercial CMS

Stakeholder Preparation Impact

	PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support			
Position	Hours Impact/ Installed Judge	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Litigants and Other	36	-	-	288	1,656	1,728	3,096	-	-	-	-
Justice Partners	16	-	-	128	736	768	1,376	-	-	-	-
Local IT	10	-	-	79	454	473	848	-	-	-	-
Staff	75	-	-	603	3,468	3,619	6,484	-	-	-	-
Judge	13	-	-	104	598	624	1,118	-	-	-	-
Trial Court Administrator/Lead	11	-	-	90	517	539	966	-	-	-	-
Presiding Judge	11	-	-	89	509	531	951	-	-	-	-
Clerk	11	-	-	89	509	531	951	-	-	-	-
TOTAL		-	-	1,469	8,447	8,814	15,791	-	-	-	-

Stakeholder Implementation Impact
Commercial CMS

	PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support			
Position	Hours Impact/ Installed Judge	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Litigants and Other	12	-	-	96	552	576	1,032	-	-	-	-
Justice Partners	9	-	-	72	414	432	774	-	-	-	-
Local IT	19	-	-	152	876	914	1,637	-	-	-	-
Staff	46	-	-	371	2,134	2,227	3,990	-	-	-	-
Judge	8	-	-	64	368	384	688	-	-	-	-
Trial Court Administrator/Lead	5	-	-	38	219	229	410	-	-	-	-
Presiding Judge	1	-	-	12	68	71	127	-	-	-	-
Clerk	5	-	-	38	219	229	410	-	-	-	-
TOTAL		-	-	844	4,851	5,062	9,069	-	-	-	-
Judges Installed/Year		0	0	8	46	48	86	0	0	0	0

Appendix B – LINX Transfer CMS CBA

SC-CMS COST BENEFIT ANALYSIS: LINX

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Worksheet	Title	Option
B-1	Summary, Cost Benefit and Cash Flow Analysis	LINX Transfer CMS
B-2	Project Summary Cost Cash Flow Analysis	LINX Transfer CMS
B-3	Summary, Operations Incremental Cost of Project	LINX Transfer CMS
B-4	Benefits Cash Flow Analysis	LINX Transfer CMS
B-5	Project Detail	LINX Transfer CMS
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B-7	AOC 10 Year Implementation Personnel Costs	LINX Transfer CMS
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SC-CMS COST BENEFIT ANALYSIS: LINX

Form 1/ Summary, Cost Benefit and Cash Flow Analysis **Agency** Administrative Office of the Courts Superior Courts Case Management
LINX TRANSFER CMS
24-Jun-11

	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	GRAND TOTAL
TOTAL OUTFLOWS	2,970,404	4,527,331	4,843,220	4,688,133	5,069,601	4,711,183	1,861,762	1,936,212	1,972,375	1,861,762	34,441,985
TOTAL INFLOWS	0	0	0	437,771	2,626,628	5,253,256	8,755,427	8,755,427	8,755,427	8,755,427	43,339,364
NET CASH FLOW	(2,970,404)	(4,527,331)	(4,843,220)	(4,250,362)	(2,442,973)	542,073	6,893,665	6,819,215	6,783,052	6,893,665	
INCREMENTAL NPV	NA	(7,123,708)	(11,523,823)	(15,263,772)	(17,345,712)	(16,898,290)	(11,387,426)	(6,107,669)	(1,021,222)	3,985,455	
Cumulative Costs	NA	7,497,735	12,340,955	17,029,089	22,098,689	26,809,873	28,671,635	30,607,847	32,580,222	34,441,985	
Cumulative Benefits	NA	0	0	437,771	3,064,399	8,317,656	17,073,083	25,828,510	34,583,937	43,339,364	

Cost of Capital	Breakeven Period - yrs.*		NPV $	IRR %
	Non-Discounted	Discounted		
3.25%	9	9	3,985,455	7.18%

* - "Non-Discounted" represents breakeven period for cumulative costs and benefits (no consideration of time value of money).
- "Discounted" considers effect of time value of money through incremental Net Present Value.

SC-CMS COST BENEFIT ANALYSIS: LINX

Project Summary Cost Cash Flow Analysis **Agency** Administrative Office of the Courts **Project Option** Superior Courts Case Management

LINX TRANSFER CMS

24-Jun-11

FISCAL COSTS, PROJECT DEVELOPMENT	OFM Object Codes	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	GRAND TOTAL
		DEVELOPMENT PHASES										
Salaries and Wages	(A)	680,550	1,706,694	1,728,468	1,584,492	1,584,492	1,584,492	0	0	0	0	8,869,188
Employee Benefits	(B)	166,171	444,562	444,562	437,876	437,876	437,876	0	0	0	0	2,368,924
Personal Service Contracts	(CA)	2,023,333	1,989,333	1,989,333	1,882,667	1,882,667	1,882,667	0	0	0	0	11,650,000
Communications	(EB)	26,000	26,000	26,000	26,000	26,000	26,000	0	0	0	0	156,000
Hardware Rent/Lease	(ED)	0	0	0	0	0	0	0	0	0	0	0
Hardware Maintenance	(EE)	0	0	0	0	0	0	0	0	0	0	0
Software Rent/Lease	(ED)	0	0	0	0	0	0	0	0	0	0	0
Software Maintenance & Upgrad	(EE)	0	0	0	0	0	0	0	0	0	0	0
DP Goods/Services	(EL)	0	0	0	0	0	0	0	0	0	0	0
Goods/Services Not Listed	(E)	66,825	125,925	60,600	54,375	61,225	62,475	0	0	0	0	431,425
Travel	(G)	7,525	15,050	15,050	37,625	37,625	37,625	0	0	0	0	150,498
Hardware Purchase Capitalized	(JC)	0	165,918	202,081	91,468	0	0	0	0	0	0	459,466
Software Purchase Capitalized	(JC)	0	0	0	0	0	0	0	0	0	0	0
Hardware Purchase - Non. Cap	(KA)	0	0	0	0	0	0	0	0	0	0	0
Software Purchase - Non. Cap	(KA)	0	0	0	0	0	0	0	0	0	0	0
Hardware Lease/Purchase	(P)	0	0	0	0	0	0	0	0	0	0	0
Software Lease/Purchase	(P)	0	0	0	0	0	0	0	0	0	0	0
Other (specify)	( )	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEVELOPMENT		2,970,404	4,473,482	4,466,094	4,114,502	4,029,884	4,031,134	0	0	0	0	24,085,501
Stakeholder Impact	(A)	0	53,849	340,443	500,267	763,752	331,239	0	0	0	0	1,989,551
TOTAL DEVELOPMENT & IMPACT		2,970,404	4,527,331	4,806,537	4,614,769	4,793,636	4,362,374	0	0	0	0	26,075,052

Note: See Worksheet F-5 for project details.

SC-CMS COST BENEFIT ANALYSIS: LINX

Summary, Operations Incremental Cost of Project
LINX TRANSFER CMS
24-Jun-11

Agency Administrative Office of the Courts **Project Option** Superior Courts Case Management

Notes	OPERATIONS INCREMENTAL COSTS OF PROJECT (Per Form 4 - Column C)		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	GRAND TOTAL
	Salaries and Wages	(A)	0	0	29,328	58,656	87,984	117,312	1,413,924	1,413,924	1,413,924	1,413,924	5,948,976
	Employee Benefits	(B)	0	0	7,354	14,708	22,063	29,417	356,371	356,371	356,371	356,371	1,499,025
	Personal Service Contracts	(CA)	0	0	0	0	0	0	0	0	0	0	0
	Communications	(EB)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Rent/Lease	(ED)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Maintenance	(EE)	0	0	0	0	0	0	0	0	0	0	0
	Software Rent/Lease	(ED)	0	0	0	0	0	0	0	0	0	0	0
	Software Maintenance & Upgrade	(EE)	0	0	0	0	0	0	0	0	0	0	0
	DP Goods/Services	(EL)	0	0	0	0	0	0	0	0	0	0	0
	Goods/Services Not Listed	(E)	0	0	0	0	0	0	0	0	0	0	0
	Travel	(G)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Purchase Capitalized	(JC)	0	0	0	0	165,918	202,081	91,468	165,918	202,081	91,468	918,932
	Software Purchase Capitalized	(JC)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Purchase - Non. Cap	(KA)	0	0	0	0	0	0	0	0	0	0	0
	Software Purchase - Non. Cap	(KA)	0	0	0	0	0	0	0	0	0	0	0
	Hardware Lease/Purchase	(P)	0	0	0	0	0	0	0	0	0	0	0
	Software Lease/Purchase	(P)	0	0	0	0	0	0	0	0	0	0	0
	Other (specify)	( )	0	0	0	0	0	0	0	0	0	0	0
	TOTAL OPERATIONS		0	0	36,682	73,364	275,965	348,809	1,861,762	1,936,212	1,972,375	1,861,762	8,366,933
(1) (2)	TOTAL OUTFLOWS		2,970,404	4,527,331	4,843,220	4,688,133	5,069,601	4,711,183	1,861,762	1,936,212	1,972,375	1,861,762	34,441,985
	CUMULATIVE COSTS			7,497,735	12,340,955	17,029,089	22,098,689	26,809,873	28,671,635	30,607,847	32,580,222	34,441,985	

(1) Total Outflows the sum of Fiscal Total Operations and Total Development from Form2.
(2) Total Outflows carried to Form1

SC-CMS COST BENEFIT ANALYSIS: LINX

Benefits Cash Flow Analysis **Agency** Administrative Office of the Courts Superior Courts Case Management

LINX TRANSFER CMS

24-Jun-11

Suggested Format

TANGIBLE BENEFITS	OFM Object Codes	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
					BENEFITS							
Hard $												
Revenues (specify)	(revenue codes)	0	0	0	0	0	0					0
												0
												0
												0
												0
												0
Reimbursements (specify)	(object codes)	0	0	0	0	0	0					0
												0
												0
												0
												0
												0
Cost Reduction (specify) (1)	(object codes)	0	0	0	0	0	0					0
Automate Mass Mailings 3-A		0	0	0	81,122	486,730	973,460	1,622,433	1,622,433	1,622,433	1,622,433	8,031,043
Automate J&S Distributi 3-B		0	0	0	7,620	45,723	91,445	152,409	152,409	152,409	152,409	754,425
Automate Order Distribu 3-C		0	0	0	14,312	85,869	171,739	286,231	286,231	286,231	286,231	1,416,843
												0
												0
Other (specify)	(object codes)	0	0	0	0	0	0					0
												0
												0
												0
												0
Soft $												0
Cost Avoidance (specify)	(object codes)	0	0	0	0	0	0					0
Reduce Congestion 1-A		0	0	0	63,982	383,889	767,778	1,279,630	1,279,630	1,279,630	1,279,630	6,334,169
Reduce Rescheduling 1-B		0	0	0	115,164	690,987	1,381,973	2,303,289	2,303,289	2,303,289	2,303,289	11,401,281
Reduce Calendar Searc 1-C		0	0	0	18,328	109,969	219,938	366,563	366,563	366,563	366,563	1,814,487
Customer Self-Service 2-A		0	0	0	104,325	625,950	1,251,900	2,086,500	2,086,500	2,086,500	2,086,500	10,328,175
Protection Order Kiosks 2-B		0	0	0	15,728	94,370	188,741	314,568	314,568	314,568	314,568	1,557,112
Reduce Redundant Entr 4-A		0	0	0	17,190	103,141	206,282	343,804	343,804	343,804	343,804	1,701,830
												0
												0
												0
												0
												0
TOTAL INFLOWS		0	0	0	437,771	2,626,628	5,253,256	8,755,427	8,755,427	8,755,427	8,755,427	43,339,364
CUMULATIVE BENEFITS			0	0	437,771	3,064,399	8,317,656	17,073,083	25,828,510	34,583,937	43,339,364	

(1) Reflect all Cost Reduction Benefits except Operations reductions (which are reflected in Cost of Operations).
(2) Total Inflows carries to Form1

SC-CMS COST BENEFIT ANALYSIS: LINX

Project Detail
LINX TRANSFER CMS

Line	ITEM		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
1	**Salaries and Wages**	(A)											
2	Technology Staff (WORKSHEET F-7 - Part 1)		680,550	1,706,694	1,728,468	1,584,492	1,584,492	1,584,492	-	-	-	-	8,869,188
3			-	-	-	-	-	-	-	-	-	-	-
4			-	-	-	-	-	-	-	-	-	-	-
5	Salaries and Wages Total		680,550	1,706,694	1,728,468	1,584,492	1,584,492	1,584,492	-	-	-	-	8,869,188
6	**Employee Benefits**	(B)											
7	Technology Staff Benefits (See WORKSHEET F-7 - Part 3)		166,171	444,562	444,562	437,876	437,876	437,876	-	-	-	-	2,368,924
8			-	-	-	-	-	-	-	-	-	-	-
9			-	-	-	-	-	-	-	-	-	-	-
10	Employee Benefits Total		166,171	444,562	444,562	437,876	437,876	437,876	-	-	-	-	2,368,924
11	**Personal Service Contracts**	(CA)											
12	Project Plan, Governance, Communication (L. Gerull)		250,000										200,000
13	AOC Development Contract with Pierce County (L. Gerull)		1,000,000	1,000,000	1,000,000								3,000,000
14	AOC System - Court "Fit" Assessment (L. Gerull)		333,333	333,333	333,333								1,000,000
15	Early Learning and Adoption (L. Gerull)		200,000	200,000	200,000								600,000
16	Statewide Implementation (L. Gerull)					1,666,667	1,666,667	1,666,667					5,000,000
17	Pierce County Project Manager (L. Gerull)		240,000	240,000	240,000	-	-	-	-	-	-	-	720,000
18	Requirements and RFP Contract		-	-	-	-	-	-	-	-	-	-	-
19	Independent Quality Assurance			216,000	216,000	216,000	216,000	216,000	-	-	-	-	1,080,000
20	Personal Services Contracts Total		2,023,333	1,989,333	1,989,333	1,882,667	1,882,667	1,882,667	-	-	-	-	11,650,000
21	**Stakeholder Costs**	(A)											
22	SC-CMS Preparation (WORKSHEET F-18)		-	53,849	309,630	323,093	578,874	-	-	-	-	-	1,265,446
23	SC-CMS Implementation (WORKSHEET F-18)		-	-	30,813	177,175	184,878	331,239	-	-	-	-	724,105
24			-	-	-	-	-	-	-	-	-	-	-
25	Communications Total		-	53,849	340,443	500,267	763,752	331,239	-	-	-	-	1,989,551
26	**Communications**	(EB)											
27	Local Court Communication		26,000	26,000	26,000	26,000	26,000	26,000	-	-	-	-	156,000
28			-	-	-	-	-	-	-	-	-	-	-
29			-	-	-	-	-	-	-	-	-	-	-
30	Communications Total		26,000	26,000	26,000	26,000	26,000	26,000	-	-	-	-	156,000
31	**Hardware Rent/Lease**	(ED)											
32			-	-	-	-	-	-	-	-	-	-	-
33			-	-	-	-	-	-	-	-	-	-	-
34			-	-	-	-	-	-	-	-	-	-	-
35	Hardware Rent/Lease Total		-	-	-	-	-	-	-	-	-	-	-
36	**Hardware Maintenance**	(EE)											
37			-	-	-	-	-	-	-	-	-	-	-
38			-	-	-	-	-	-	-	-	-	-	-
39			-	-	-	-	-	-	-	-	-	-	-
40	Hardware Maintenance Total		-	-	-	-	-	-	-	-	-	-	-
41	**Software Rent/Lease**	(ED)											
42			-	-	-	-	-	-	-	-	-	-	-
43			-	-	-	-	-	-	-	-	-	-	-
44			-	-	-	-	-	-	-	-	-	-	-
45	Software Rent/Lease Total		-	-	-	-	-	-	-	-	-	-	-
46	**Software Maintenance & Upgrade**	(EE)											
47			-	-	-	-	-	-	-	-	-	-	-
48			-	-	-	-	-	-	-	-	-	-	-
49			-	-	-	-	-	-	-	-	-	-	-
50	Software Maintenance & Upgrade Total		-	-	-	-	-	-	-	-	-	-	-

SC-CMS COST BENEFIT ANALYSIS: LINX

Project Detail
LINX TRANSFER CMS

Line	ITEM		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
51	**DP Goods/Services**	(EL)											
52			-	-	-	-	-	-	-	-	-	-	-
53			-	-	-	-	-	-	-	-	-	-	-
54			-	-	-	-	-	-	-	-	-	-	-
55	**DP Goods/Services Total**		-	-	-	-	-	-	-	-	-	-	-
56	**Goods/Services Not Listed**	(E)											
57	Onetime Ancillary Personnel Costs		66,825	105,300	8,100	-	8,100	8,100	-	-	-	-	196,425
58	Annual Ancillary Personnel Costs		-	20,625	52,500	54,375	53,125	54,375	-	-	-	-	235,000
59			-	-	-	-	-	-	-	-	-	-	-
60	**Goods/Services Not Listed Total**		66,825	125,925	60,600	54,375	61,225	62,475	-	-	-	-	431,425
61	**Travel**	(G)											
62	Large Court Support Per Diem Days (70/court)		5,827.50	11,655.00	11,655.00	29,137.50	29,137.50	29,137.50	-	-	-	-	116,550
63	Small Court Support Per Diem Days (12/court)		1,697.40	3,394.80	3,394.80	8,487.00	8,487.00	8,487.00	-	-	-	-	33,948
64			-	-	-	-	-	-	-	-	-	-	-
65	**Travel Total**		7,525	15,050	15,050	37,625	37,625	37,625	-	-	-	-	150,498
66	**Hardware Purchase Capitalized**	(JC)											
67	SC-CMS Computer System (WORKSHEET F-15)		-	165,918	202,081	91,468	-	-	-	-	-	-	459,466
68			-	-	-	-	-	-	-	-	-	-	-
69			-	-	-	-	-	-	-	-	-	-	-
70	**Hardware Purchase Capitalized**		-	165,918	202,081	91,468	-	-	-	-	-	-	459,466
71	**Software Purchase Capitalized**	(JC)											
72	SC-CMS COTS Software License (Not Applicable)		-	-	-	-	-	-	-	-	-	-	-
73	Integration License (Not Applicable)		-	-	-	-	-	-	-	-	-	-	-
74			-	-	-	-	-	-	-	-	-	-	-
75	**Software Purchase Capitalized**		-	-	-	-	-	-	-	-	-	-	-
76	**Hardware Purchase - Non. Cap**	(KA)											
77			-	-	-	-	-	-	-	-	-	-	-
78			-	-	-	-	-	-	-	-	-	-	-
79			-	-	-	-	-	-	-	-	-	-	-
80	**Hardware Purchase - Non. Cap Total**		-	-	-	-	-	-	-	-	-	-	-
81	**Software Purchase - Non. Cap**	(KA)											
82			-	-	-	-	-	-	-	-	-	-	-
83			-	-	-	-	-	-	-	-	-	-	-
84			-	-	-	-	-	-	-	-	-	-	-
85	**Software Purchase - Non. Cap Total**		-	-	-	-	-	-	-	-	-	-	-
86	**Hardware Lease/Purchase**	(P)											
87			-	-	-	-	-	-	-	-	-	-	-
88			-	-	-	-	-	-	-	-	-	-	-
89			-	-	-	-	-	-	-	-	-	-	-
90	**Hardware Lease/Purchase Total**		-	-	-	-	-	-	-	-	-	-	-
91	**Software Lease/Purchase**	(P)											
92			-	-	-	-	-	-	-	-	-	-	-
93			-	-	-	-	-	-	-	-	-	-	-
94			-	-	-	-	-	-	-	-	-	-	-
95	**Software Lease/Purchase Total**		-	-	-	-	-	-	-	-	-	-	-
96	**Other (specify)**	( )											
97			-	-	-	-	-	-	-	-	-	-	-
98			-	-	-	-	-	-	-	-	-	-	-
99			-	-	-	-	-	-	-	-	-	-	-
100	**Other Total**		-	-	-	-	-	-	-	-	-	-	-
101													
102	**Grand Total**		2,970,404	4,473,482	4,466,094	4,114,502	4,029,884	4,031,134	-	-	-	-	24,085,501
103													

SC-CMS COST BENEFIT ANALYSIS: LINX

Operations Incremental Cost of Project Details
LINX TRANSFER CMS

Line			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
1	**Salaries and Wages**	(A)											
2	Recurring Personnel Costs (WORKSHEET F-7 Part 2)		-	-	29,328	58,656	87,984	117,312	1,413,924	1,413,924	1,413,924	1,413,924	5,948,976
3				-	-	-	-	-	-	-	-	-	-
4			-	-	-	-	-	-	-	-	-	-	-
5	Salaries and Wages Total		-	-	29,328	58,656	87,984	117,312	1,413,924	1,413,924	1,413,924	1,413,924	5,948,976
6	**Employee Benefits**	(B)											
7	Recurring Benefits (WORKSHEET F-7 Part 4)		-	-	7,354	14,708	22,063	29,417	356,371	356,371	356,371	356,371	1,499,025
8			-	-	-	-	-	-	-	-	-	-	-
9			-	-	-	-	-	-	-	-	-	-	-
10	Employee Benefits Total		-	-	7,354	14,708	22,063	29,417	356,371	356,371	356,371	356,371	1,499,025
11	**Personal Service Contracts**	(CA)											
12													
13			-	-	-	-	-	-	-	-	-	-	-
14			-	-	-	-	-	-	-	-	-	-	-
15	Personal Services Contracts Total		-	-	-	-	-	-	-	-	-	-	-
16	**Communications**	(EB)											
17			-	-	-	-	-	-	-	-	-	-	-
18			-	-	-	-	-	-	-	-	-	-	-
19			-	-	-	-	-	-	-	-	-	-	-
20	Communications Total		-	-	-	-	-	-	-	-	-	-	-
21	**Hardware Rent/Lease**	(ED)											
22			-	-	-	-	-	-	-	-	-	-	-
23			-	-	-	-	-	-	-	-	-	-	-
24			-	-	-	-	-	-	-	-	-	-	-
25	Hardware Rent/Lease Total		-	-	-	-	-	-	-	-	-	-	-
26	**Hardware Maintenance**	(EE)											
27			-	-	-	-	-	-	-	-	-	-	-
28			-	-	-	-	-	-	-	-	-	-	-
29			-	-	-	-	-	-	-	-	-	-	-
30	Hardware Maintenance Total		-	-	-	-	-	-	-	-	-	-	-
31	**Software Rent/Lease**	(ED)											
32			-	-	-	-	-	-	-	-	-	-	-
33			-	-	-	-	-	-	-	-	-	-	-
34			-	-	-	-	-	-	-	-	-	-	-
35	Software Rent/Lease Total		-	-	-	-	-	-	-	-	-	-	-
36	**Software Maintenance & Upgrade**	(EE)											
37	SC-CMS Annual Maintenance (Not Applicable)		-	-	-	-	-	-	-	-	-	-	-
38			-	-	-	-	-	-	-	-	-	-	-
39			-	-	-	-	-	-	-	-	-	-	-
40	Software Maintenance & Upgrade Total		-	-	-	-	-	-	-	-	-	-	-
41	**DP Goods/Services**	(EL)											
42			-	-	-	-	-	-	-	-	-	-	-
43			-	-	-	-	-	-	-	-	-	-	-
44			-	-	-	-	-	-	-	-	-	-	-
45	DP Goods/Services Total		-	-	-	-	-	-	-	-	-	-	-
46	**Goods/Services Not Listed**	(E)											
47	Cost for Assigned Project Staff		-	-	8,100	1,250	10,600	3,750	45,500	25,625	25,625	25,625	146,075
48			-	-	-	-	-	-	-	-	-	-	-
49			-	-	-	-	-	-	-	-	-	-	-
50	Goods/Services Not Listed Total		-	-	8,100	1,250	10,600	3,750	45,500	25,625	25,625	25,625	146,075
51	**Travel**	(G)											
52			-	-	-	-	-	-	-	-	-	-	-
53			-	-	-	-	-	-	-	-	-	-	-
54			-	-	-	-	-	-	-	-	-	-	-
55	Travel Total		-	-	-	-	-	-	-	-	-	-	-

SC-CMS COST BENEFIT ANALYSIS: LINX

Operations Incremental Cost of Project Details
LINX TRANSFER CMS

Line			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
56	**Hardware Purchase Capitalized**	(JC)											
57	Technology Refresh (3 year Cycle) (WORKSHEET F-5)		-	-	-	-	165,918	202,081	91,468	165,918	202,081	91,468	918,932
58			-	-	-	-	-	-	-	-	-	-	-
59			-	-	-	-	-	-	-	-	-	-	-
60	Hardware Purchase Capitalized		-	-	-	-	165,918	202,081	91,468	165,918	202,081	91,468	918,932
61	**Software Purchase Capitalized**	(JC)											
62			-	-	-	-	-	-	-	-	-	-	-
63			-	-	-	-	-	-	-	-	-	-	-
64			-	-	-	-	-	-	-	-	-	-	-
65	Software Purchase Capitalized		-	-	-	-	-	-	-	-	-	-	-
66	**Hardware Purchase - Non. Cap**	(KA)											
67			-	-	-	-	-	-	-	-	-	-	-
68			-	-	-	-	-	-	-	-	-	-	-
69			-	-	-	-	-	-	-	-	-	-	-
70	Hardware Purchase - Non. Cap Total		-	-	-	-	-	-	-	-	-	-	-
71	**Software Purchase - Non. Cap**	(KA)											
72			-	-	-	-	-	-	-	-	-	-	-
73			-	-	-	-	-	-	-	-	-	-	-
74			-	-	-	-	-	-	-	-	-	-	-
75	Software Purchase - Non. Cap Total		-	-	-	-	-	-	-	-	-	-	-
76	**Hardware Lease/Purchase**	(P)											
77			-	-	-	-	-	-	-	-	-	-	-
78			-	-	-	-	-	-	-	-	-	-	-
79			-	-	-	-	-	-	-	-	-	-	-
80	Hardware Lease/Purchase Total		-	-	-	-	-	-	-	-	-	-	-
81	**Software Lease/Purchase**	(P)											
82			-	-	-	-	-	-	-	-	-	-	-
83			-	-	-	-	-	-	-	-	-	-	-
84			-	-	-	-	-	-	-	-	-	-	-
85	Software Lease/Purchase Total		-	-	-	-	-	-	-	-	-	-	-
86	**Other (specify)**	( )											
87			-	-	-	-	-	-	-	-	-	-	-
88			-	-	-	-	-	-	-	-	-	-	-
89			-	-	-	-	-	-	-	-	-	-	-
90	Other Total		-	-	-	-	-	-	-	-	-	-	-
91													
92	Grand Total		-	-	44,782	74,614	286,565	352,559	1,907,262	1,961,837	1,998,000	1,887,387	8,513,008
93													

SC-CMS COST BENEFIT ANALYSIS: LINX

AOC 10 Year Implementation Personnel Costs
LINX TRANSFER CMS

	Standard Cost	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Part 1 - Project Personnel												
AOC Costs												
State Project Manager	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ -	$ -	$ -	$ -	$ 562,896
State SMEs	64,740	129,480	258,960	258,960	258,960	258,960	258,960	-	-	-	-	$ 1,424,280
AOC Programmer/Analyst (Functional Analysts)	87,096	261,288	522,576	522,576	522,576	522,576	522,576	-	-	-	-	$ 2,874,168
AOC DBA	87,096	-	87,096	87,096	87,096	87,096	87,096	-	-	-	-	$ 435,480
AOC Quality Analyst	87,096	21,774	348,384	348,384	174,192	174,192	174,192	-	-	-	-	$ 1,241,118
AOC Infrastructure Technician	87,096	-	87,096	87,096	43,548	43,548	43,548	-	-	-	-	$ 304,836
Training	58,656	-	58,656	58,656	175,968	175,968	175,968					$ 645,216
Communication Staff	64,740	-	32,370	32,370	32,370	32,370	32,370					$ 161,850
Application Analyst	87,096	87,096	108,870	108,870	87,096	87,096	87,096					$ 566,124
EA Consultant	87,096	87,096	108,870	108,870	87,096	87,096	87,096					$ 566,124
Security Analyst	87,096	-	-	21,774	21,774	21,774	21,774	-	-	-	-	$ 87,096
Total		$ 680,550	$ 1,706,694	$ 1,728,468	$ 1,584,492	$ 1,584,492	$ 1,584,492	$ -	$ -	$ -	$ -	$ 8,869,188
Part 2 - Recurring Program Personnel												
AOC												-
State Project Manager	93,816	$ -	$ -	$ -	$ -	$ -	$ -	$ 93,816	$ 93,816	$ 93,816	$ 93,816	$ 375,264
State SMEs	64,740	-	-	-	-	-	-	258,960	258,960	258,960	258,960	$ 1,035,840
AOC Programmer/Analyst	87,096	-	-	-	-	-	-	522,576	522,576	522,576	522,576	$ 2,090,304
AOC DBA	87,096	-	-	-	-	-	-	21,774	21,774	21,774	21,774	$ 87,096
AOC Quality Analyst	87,096	-	-	-	-	-	-	130,644	130,644	130,644	130,644	$ 522,576
AOC Infrastructure Technician	87,096	-	-	-	-	-	-	43,548	43,548	43,548	43,548	$ 174,192
Application Analyst	87,096	-	-	-	-	-	-	87,096	87,096	87,096	87,096	$ 348,384
EA Consultant	87,096	-	-	-	-	-	-	87,096	87,096	87,096	87,096	$ 348,384
Security Analyst	87,096							21,774	21,774	21,774	21,774	$ 87,096
AOC Helpdesk (Supporting SC-CMS)	58,656	-	-	29,328	58,656	87,984	117,312	146,640	146,640	146,640	146,640	$ 879,840
Total												
	Total	$ -	$ -	$ 29,328	$ 58,656	$ 87,984	$ 117,312	$ 1,413,924	$ 1,413,924	$ 1,413,924	$ 1,413,924	$ 5,948,976
Part 1+2 - Total Staff Salaries		$ 680,550	$ 1,706,694	$ 1,757,796	$ 1,643,148	$ 1,672,476	$ 1,701,804	$ 1,413,924	$ 1,413,924	$ 1,413,924	$ 1,413,924	$ 14,818,164

SC-CMS COST BENEFIT ANALYSIS: LINX

AOC 10 Year Implementation Personnel Costs
LINX TRANSFER CMS

	Standard Cost	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Part 3 - Project HR Benefit Cost												
State Project Manager	0.2515	$ 23,594	$ 23,594	$ 23,594	$ 23,594	$ 23,594	$ 23,594	$ -	$ -	$ -	$ -	$ 141,564
State SMEs	0.2578	33,377	66,754	66,754	66,754	66,754	66,754	-	-	-	-	$ 367,149
AOC Programmer/Analyst	0.2508	65,520	131,040	131,040	131,040	131,040	131,040	-	-	-	-	$ 720,720
AOC DBA	0.2508	-	21,840	21,840	21,840	21,840	21,840	-	-	-	-	$ 109,200
AOC Quality Analyst	0.2508	-	87,360	87,360	43,680	43,680	43,680	-	-	-	-	$ 305,760
AOC Infrastructure Technician	0.2508	-	21,840	21,840	10,920	10,920	10,920	-	-	-	-	$ 76,440
Training	0.2508	-	14,708	14,708	44,125	44,125	44,125	-	-	-	-	$ 161,793
Communication Staff	0.2508	-	14,708	14,708	44,125	44,125	44,125	-	-	-	-	$ 161,793
Application Analyst	0.2508	-	8,117	8,117	8,117	8,117	8,117	-	-	-	-	$ 40,585
EA Consultant	0.2508	21,840	27,300	27,300	21,840	21,840	21,840	-	-	-	-	$ 141,960
Security Analyst	0.2508	21,840	27,300	27,300	21,840	21,840	21,840	-	-	-	-	$ 141,960
												$ -
												$ -
		$ 166,171	$ 444,562	$ 444,562	$ 437,876	$ 437,876	$ 437,876	$ -	$ -	$ -	$ -	$ 2,368,924
Part 4 - Recurring Program HR Benefit Cost												
State Project Manager	0.2508	$ -	$ -	$ -	$ -	$ -	$ -	$ 23,525	$ 23,525	$ 23,525	$ 23,525	$ 94,100
State SMEs	0.2578	-	-	-	-	-	-	66,754	66,754	66,754	66,754	$ 267,017
AOC Programmer/Analyst	0.2508	-	-	-	-	-	-	131,040	131,040	131,040	131,040	$ 524,160
AOC DBA	0.2508	-	-	-	-	-	-	5,460	5,460	5,460	5,460	$ 21,840
AOC Quality Analyst	0.2508	-	-	-	-	-	-	32,760	32,760	32,760	32,760	$ 131,040
AOC Infrastructure Technician	0.2508	-	-	-	-	-	-	10,920	10,920	10,920	10,920	$ 43,680
Application Analyst	0.2508	-	-	-	-	-	-	21,840	21,840	21,840	21,840	$ 87,360
EA Consultant	0.2508	-	-	-	-	-	-	21,840	21,840	21,840	21,840	$ 87,360
Security Analyst	0.2508	-	-	-	-	-	-	5,460	5,460	5,460	5,460	$ 21,840
AOC Helpdesk (Supporting SC-CMS)	0.2508	-	-	7,354	14,708	22,063	29,417	36,771	36,771	36,771	36,771	$ 220,627
												$ -
	Total	$ -	$ -	$ 7,354	$ 14,708	$ 22,063	$ 29,417	$ 356,371	$ 356,371	$ 356,371	$ 356,371	$ 1,499,025
Part 5 - Ancillary Personnel Costs												
	Total Staff	8.25	21	21.75	21.25	21.75	22.25	18	18	18	18	
	New Staff	8.25	13	1	0	1	1	0	0	0	0	
Onetime Ancillary Personnel Costs	$8,100	$66,825	$105,300	$8,100	$0	$8,100	$8,100	$0	$0	$0	$0	$196,425
Annual Ancillary Personnel Costs	$2,500	$0	$20,625	$52,500	$54,375	$53,125	$54,375	$55,625	$45,000	$45,000	$45,000	$425,625
	Total	$ 66,825	$ 125,925	$ 60,600	$ 54,375	$ 61,225	$ 62,475	$ 55,625	$ 45,000	$ 45,000	$ 45,000	$ 622,050

SC-CMS COST BENEFIT ANALYSIS: LINX

Implementation Schedules and Rates
LINX TRANSFER CMS

	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Court Personnel											
Percentage Implemented / Year	0%	0%	5%	25%	30%	40%	0%	0%	0%	0%	100%
Percentage Implemented to Date	0%	0%	5%	30%	60%	100%	100%	100%	100%	100%	
Users Installed	0	0	64	320	384	511	0	0	0	0	1,278
Project Professional Services											
Percentage Implemented		25%	28%	13%	15%	20%	0%	0%	0%	0%	100%
Project Materials											
Percentage Implemented		25%	4%	19%	23%	30%	0%	0%	0%	0%	100%
Recurring Program Materials											
Percentage Implemented			25%	29%	48%	70%	100%	100%	100%	100%	

Court Personnel directly reflects rollout schedule of 5% (pilot) / 25% / 30% / 40%.
Project Materials costs are slightly front loaded, assuming that materials must be acquired before implementation.
Professional Service costs are slightly more front loaded than materials over the implementation period.
Recurring Program Material costs are a function of the Project Material implementation schedule.

SC-CMS COST BENEFIT ANALYSIS: LINX

AOC Personnel Cost Analysis
LINX TRANSFER CMS

PHASE		Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	FTE Cost	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
State Project Manager	93,816	93,816	93,816	93,816	93,816	93,816	93,816	93,816	93,816	93,816	93,816	1,031,976
Subject Matter Expert	64,740	129,480	258,960	258,960	258,960	258,960	258,960	258,960	258,960	258,960	258,960	2,524,860
Programmer Analyst	87,096	261,288	522,576	522,576	522,576	522,576	522,576	522,576	522,576	522,576	522,576	5,051,568
AOC DBA	87,096	-	87,096	87,096	87,096	87,096	87,096	21,774	21,774	21,774	21,774	609,672
Quality Analyst	87,096	21,774	348,384	348,384	174,192	174,192	174,192	130,644	130,644	130,644	130,644	1,850,790
Infrastructure Technician	87,096	-	87,096	87,096	43,548	43,548	43,548	43,548	43,548	43,548	43,548	566,124
Training	58,656	-	58,656	58,656	175,968	175,968	175,968	-	-	-	-	703,872
Communication Staff	64,740	-	32,370	32,370	32,370	32,370	32,370	-	-	-	-	226,590
Application Analyst	87,096	87,096	108,870	108,870	87,096	87,096	87,096	87,096	87,096	87,096	87,096	1,001,604
Solution Architect (EA)	87,096	87,096	108,870	108,870	87,096	87,096	87,096	87,096	87,096	87,096	87,096	1,001,604
Security Analyst	87,096	-	-	21,774	21,774	21,774	21,774	21,774	21,774	21,774	21,774	261,288
Help Desk	58,656	-	-	29,328	58,656	87,984	117,312	146,640	146,640	146,640	146,640	938,496
Total		680,550	1,706,694	1,757,796	1,643,148	1,672,476	1,701,804	1,413,924	1,413,924	1,413,924	1,413,924	14,818,164

SC-CMS COST BENEFIT ANALYSIS: LINX

AOC Personnel FTE Plan
LINX TRANSFER CMS

PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	**FY 2012**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**Maximum**
State Project Manager	1	1	1	1	1	1	1	1	1	1	1
Subject Matter Expert	2	4	4	4	4	4	4	4	4	4	4
Programmer Analyst	3	6	6	6	6	6	6	6	6	6	6
AOC DBA	0	1	1	1	1	1	0.25	0.25	0.25	0.25	1
Quality Analyst	0.25	4	4	2	2	2	1.5	1.5	1.5	1.5	4
Infrastructure Technician	0	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
Training	0	1	1	3	3	3	0	0	0	0	3
Communication Staff	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0.5
Application Analyst	1	1.25	1.25	1	1	1	1	1	1	1	1.25
Solution Architect (EA)	1	1.25	1.25	1	1	1	1	1	1	1	1.25
Security Analyst	0	0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Help Desk	0	0	0.5	1	1.5	2	2.5	2.5	2.5	2.5	2.5
Total	8.25	21	21.75	21.25	21.75	22.25	18	18	18	18	
New Staff	8.25	13	1	0	1	1	0	0	0	0	

SC-CMS COST BENEFIT ANALYSIS: LINX

AOC Personnel FTE Plan Detail
LINX TRANSFER CMS

		Acquisition	Configure & Validation		Statewide Rollout			Ongoing Support			
Position	Tasks	FY 2012	FY2013	FY 2014	FY 2015	FY2016	FY2017	FY2018	FY 2019	FY 2020	FY 2021
Project Manager	Acquisition	1									
Note: Additional 0.5 FTE	Configuration and Validation		1	1							
to support ongoing LINX	Implementation				1	1	1				
Program	Ongoing Support							1	1	1	1
	TOTAL	1	1	1	1	1	1	1	1	1	1
SME	Acquisition	2									
	Configuration and Validation		4	1							
	Testing			1.5							
	Pilot Implementation			1.5							
	Statewide Rollout				4	4	4				
	Ongoing Support							4	4	4	4
	TOTAL	2	4	4	4	4	4	4	4	4	4
Programmer Analyst	Acquisition	3									
Note: Additional FTEs to	Configuration and Validation		2	2							
support LINX on an	Data Conversion		4	2							
ongoing basis at AOC	Testing			1							
	Implementation Support			1	3	3	3				
	Statewide Rollout				3	3	3				
	Ongoing Support							6	6	6	6
	TOTAL	3	6	6	6	6	6	6	6	6	6
DBA	Configuration and Validation		0.25	0.25							
	Data Conversion		0.5	0.5	0.5	0.5	0.5				
	Testing		0.25	0.25							
	Implementation Support				0.25	0.25	0.25	0.25	0.25	0.25	0.25
	Statewide Rollout				0.25	0.25	0.25				
	Ongoing Support										
	TOTAL	0	1	1	1	1	1	0.25	0.25	0.25	0.25
QA	Acquisition	0.25									
	Configuration and Validation		0.5	0.5							
Note: Additional FTEs to	Data Conversion		0.5	0.25							
support LINX on an	Testing		3	2.75							
ongoing basis at AOC	Pilot Implementation			0.5	2	2	2				
	Ongoing Support							1.5	1.5	1.5	1.5
	TOTAL	0.25	4	4	2	2	2	1.5	1.5	1.5	1.5

SC-CMS COST BENEFIT ANALYSIS: LINX

AOC Personnel FTE Plan Detail
LINX TRANSFER CMS

		Acquisition	Configure & Validation		Statewide Rollout			Ongoing Support			
Position	Tasks	FY 2012	FY2013	FY 2014	FY 2015	FY2016	FY2017	FY2018	FY 2019	FY 2020	FY 2021
Infrastructure											
	Infrastructure Implementation		0.75	0.75							
	Testing		0.25	0.25	0.25	0.25	0.25				
	Statewide Rollout				0.25	0.25	0.25				
	Ongoing Support							0.5	0.5	0.5	0.5
	TOTAL	0	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Trainer	Develop Training Materials		0.5	0.5							
	Application Training		0.5	0.25							
	Pilot Implementation			0.25							
	Statewide Rollout Training				3	3	3				
	TOTAL	0	1	1	3	3	3	0	0	0	0
Communications	Configuration and Validation		0.5	0.1							
	Implementation Support			0.3							
	Pilot Implementation			0.1	0.5	0.5	0.5				
	Statewide Rollout Training										
	TOTAL	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0
Application Analyst	Acquisition	1									
Note: 1 additional FTE to	Configuration and Validation		1.25	1.25							
support LINX & provide	Implementation				1	1	1				
level 2/3 help desk	Ongoing Support							1	1	1	1
	TOTAL	1	1.25	1.25	1	1	1	1	1	1	1
EA - Solution Architect	Acquisition	1									
Note: 1 additional FTE to	Configuration and Validation		1.25	1.25							
support Open Source at	Implementation				1	1	1				
AOC	Ongoing Support							1	1	1	1
	TOTAL	1	1.25	1.25	1	1	1	1	1	1	1
Security Analyst	Pilot Implementation			0.25							
	Support Implementation				0.25	0.25	0.25	0.25	0.25	0.25	0.25
	TOTAL	0	0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Help Desk	Help Desk Support			0.5	1	1.5	2	2.5	2.5	2.5	2.5
	TOTAL	0	0	0.5	1	1.5	2	2.5	2.5	2.5	2.5

SC-CMS COST BENEFIT ANALYSIS: LINX

Technology Infrastructure Configuration Estimate
LINX TRANSFER CMS

Line	Item	Technical Description	Unit Price	Quantity	Extended		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
1	**HARDWARE**																
2	HP ProLiant ML350	Server Application	$ 7,041.44	10	$ 70,414.40	Dev, Quality, Test, Train, Prod Servers	$ -	$ 28,166	$ 28,166	$ 14,083	$ -	$ -	$ -		$ -	$ -	$ 70,414
3	HP ProLiant ML350	Server Database	$ 6,091.44	10	$ 60,914.40	Dev, Quality, Test, Train, Prod Servers		24,366	24,366	12,183							$ 60,914
4	HP ProLiant ML350	Server - Web	$ 5,959.44	10	$ 59,594.40	Web Server		23,838	23,838	11,919							$ 59,594
5	Work Stations	Support Work Station	$ 1,298.40	4	$ 5,193.60			5,194									$ 5,194
6	Dell Power Vault MD1220	Storage Array	$ 13,536.32	4	$ 54,145.28	Disk Storage (12TB)			54,145								$ 54,145
7	Digital Printer	Production Printer	$ 35,000.00	2	$ 70,000.00	Production Printer			35,000	35,000							$ 70,000
8	Color LaserJet Enterprise CM4540 Laser MFP, Copy/Print/Scan HP CC419A		$ 4,405.00	1	$ 4,405.00	Color Laser Printers		4,405									$ 4,405
9	Power Vault Tape Drive		$ 2,023.00	8	$ 16,184.00	Tape Backup System		16,184									$ 16,184
10	APC Symmetra 16KVA 11200 Watt Power Array 208V UPS		$ 4,300.00	4	$ 17,200.00	Uninterruptable Power Supply		17,200									$ 17,200
11	Laser fiche Enterprise - Electronic Document Management (LFS40)		$ 21,000.00	0	$ -	Out of Scope		-									$ -
12	**HARDWARE TOTAL**				$ 358,051.08		$ -	$ 119,351.88	$ 165,514.56	$ 73,184.64	$ -	$ -	$ -	$ -	$ -	$ -	$ 358,051.08
13	**SOFTWARE**																$ -
14	MS SQL Server (X Proc)		$ 4,570.75	20	$ 91,415.00	Relational Database		36,566	36,566	18,283							$ 91,415
15	Development Environment		$ -	20	$ -	Open Source		-									$ -
16	Server OS		$ -	30	$ -	Open Source		-									$ -
17	Server Client		$ -	1100	$ -	Open Source		-									$ -
18	Office Automation Software		$ -	128	$ -	Open Source		-	-	-							$ -
19	**SOFTWARE TOTAL**				$ 91,415.00		$ -	$ 36,566.00	$ 36,566.00	$ 18,283.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 91,415.00
20	**OTHER**																$ -
21	Cabling		$ 10,000.00	1	$ 10,000.00			10,000									$ 10,000
22																	$ -
23																	$ -
24	**OTHER TOTAL**				$ 10,000.00		$ -	$ 10,000.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,000.00
25																	$ -
26																	$ -
27	**GRAND TOTAL**				$ 459,466.08		$ -	$ 165,918	$ 202,081	$ 91,468	$ -	$ -	$ -	$ -	$ -	$ -	$ 459,466
28																	
29																	
30																	

NOTES:

SC-CMS COST BENEFIT ANALYSIS: LINX

Variables and Assumptions		
LINX TRANSFER CMS		
Item	**Value**	**Unit**
Contract Analyst Designer	$100	Hour
Contract Programmer	$100	Hour
Contract Project Manager	$150	Hour
Contract Quality Assurance	$150	Hour
Salaries		
AOC Project Manager	$93,816	Position/Year
AOC General Subject Matter Expert	$64,740	Position/Year
AOC Programmer/Analyst (Business Analyst)	$87,096	Position/Year
AOC DBA	$87,096	Position/Year
AOC Quality Analyst	$87,096	Position/Year
AOC Infrastructure Technician	$87,096	Position/Year
AOC Help Desk	$58,656	Position/Year
Employee Benefits Percentage		
AOC Project Manager	25.15%	% of Annual Salary
AOC General Subject Matter Expert	25.78%	% of Annual Salary
AOC Programmer/Analyst	25.08%	% of Annual Salary
AOC DBA	25.08%	% of Annual Salary
AOC Quality Analyst	25.08%	% of Annual Salary
AOC Infrastructure Technician	25.08%	% of Annual Salary
AOC Help Desk	30.95%	% of Annual Salary
Onetime Ancillary Personnel Costs	$8,100	Each New Position
Annual Ancillary Personnel Costs	$2,500	$/Position/Year
Court Staff (Clerk/Admin.) Average Hourly Rate	$23	Hour
Judge Average Hourly Rate	$92	Hour
Litigant Hourly Rate	$18	Hour
Attorney Hourly Rate	$150	Hour
Justice Partner Hourly Rate	$75	Hour
Local IT Staff Hourly Rate	$42	Hour
Number of Judges Served	189	
Average Number of Staff to Support One Judge	5.8	Judge
Number of Staff Served	1096.2	
Total Users Served	1285.2	
General AOC Employee Benefits Percentage	25.78%	% of Annual Salary
Cost of Workstation	$2,000	Each
Cost of Developer Workstation	$2,000	Each
Personnel Charge	0.070%	Classified Salary
Personnel Charge	246	FTEs Per Year
Cost of Capital	5.00%	Industry % cost of capital
CMS Application Software Licensing	$3,000	$/Named User
CMS Application Software Maintenance	20.00%	Year
Judges' Salary	$148,832	$/Year

SC-CMS COST BENEFIT ANALYSIS: LINX

Variables and Assumptions		
LINX TRANSFER CMS		
Item	**Value**	**Unit**
Judges' Salary and Benefits	$192,408	$/Year
County Clerk Line Staff	$48,146	$/Year
Courts Line Staff	$48,146	$/Year
Superior Court Operational Costs	$48,434	$/FTE/Year
County Clerk Operational Costs	$11,210	$/FTE/Year
Facility Requirements – Judge Superior Court	1970	Square Feet
Staff Space Needs	120	Square Feet
Average Cost Per Square Foot	$300	$/Square Foot
Non-High Cost Per Diem	$123	$/Day
High Cost Per Diem	$185	$/Day
Court Operational Costs Per FTE	$48,434	Superior Court Staff FTE
Clerk Operational Cost Per FTE	$11,210	Clerk Staff FTE
Cost of Server	$25,000	Each

SC-CMS COST BENEFIT ANALYSIS: LINX

Stakeholder Financial Impact
LINX TRANSFER CMS

Stakeholder Preparation Impact

	PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	Hourly Rate	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Litigants and Other	$ 18	-	5,184	29,808	31,104	55,728	-	-	-	-	-	121,824
Justice Partners	$ 75	-	9,600	55,200	57,600	103,200	-	-	-	-	-	225,600
Local IT	$ 42	-	3,303	18,992	19,818	35,507	-	-	-	-	-	77,619
Staff	$ 23	-	13,909	79,976	83,453	149,520	-	-	-	-	-	326,858
Judge	$ 92	-	9,584	55,105	57,501	103,023	-	-	-	-	-	225,213
Trial Court Administrator / Lead	$ 23	-	2,072	11,916	12,434	22,277	-	-	-	-	-	48,699
Presiding Judge	$ 92	-	8,156	46,898	48,937	87,679	-	-	-	-	-	191,671
Clerk	$ 23	-	2,041	11,735	12,245	21,940	-	-	-	-	-	47,962
Total		-	53,849	309,630	323,093	578,874	-	-	-	-	-	1,265,446

Stakeholder Implementation Impact
Commercial CMS

	PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support				
Position	Hourly Rate	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Litigants and Other	$ 18	-	-	1,728	9,936	10,368	18,576	-	-	-	-	40,608
Justice Partners	$ 75	-	-	5,400	31,050	32,400	58,050	-	-	-	-	126,900
Local IT	$ 42	-	-	6,378	36,674	38,269	68,565	-	-	-	-	149,886
Staff	$ 23	-	-	8,559	49,216	51,356	92,012	-	-	-	-	201,143
Judge	$ 92	-	-	5,898	33,911	35,385	63,399	-	-	-	-	138,593
Trial Court Administrator / Lead	$ 23	-	-	879	5,055	5,275	9,451	-	-	-	-	20,660
Presiding Judge	$ 92	-	-	1,092	6,277	6,550	11,736	-	-	-	-	25,654
Clerk	$ 23	-	-	879	5,055	5,275	9,451	-	-	-	-	20,660
Total		-	-	30,813	177,175	184,878	331,239	-	-	-	-	724,105

SC-CMS COST BENEFIT ANALYSIS: LINX

Stakeholder Hour Impact
LINX TRANSFER CMS
Stakeholder Preparation Impact

	PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support			
Position	Hours Impact/ Installed Judge	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Litigants and Other	36	-	-	288	1,656	1,728	3,096	-	-	-	-
Justice Partners	16	-	-	128	736	768	1,376	-	-	-	-
Local IT	10	-	-	79	454	473	848	-	-	-	-
Staff	75	-	-	603	3,468	3,619	6,484	-	-	-	-
Judge	13	-	-	104	598	624	1,118	-	-	-	-
Trial Court Administrator / Lead	11	-	-	90	517	539	966	-	-	-	-
Presiding Judge	11	-	-	89	509	531	951	-	-	-	-
Clerk	11	-	-	89	509	531	951	-	-	-	-
TOTAL		-	-	1,469	8,447	8,814	15,791	-	-	-	-

Stakeholder Implementation Impact
Commercial CMS

	PHASE ->	Acquisition	Config & Validation		Statewide Rollout			Ongoing Support			
Position	Hours Impact/ Installed Judge	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Litigants and Other	12	-	-	96	552	576	1,032	-	-	-	-
Justice Partners	9	-	-	72	414	432	774	-	-	-	-
Local IT	19	-	-	152	876	914	1,637	-	-	-	-
Staff	46	-	-	371	2,134	2,227	3,990	-	-	-	-
Judge	8	-	-	64	368	384	688	-	-	-	-
Trial Court Administrator / Lead	5	-	-	38	219	229	410	-	-	-	-
Presiding Judge	1	-	-	12	68	71	127	-	-	-	-
Clerk	5	-	-	38	219	229	410	-	-	-	-
TOTAL		-	-	844	4,851	5,062	9,069	-	-	-	-
Judges Installed / Year		0	0	8	46	48	86	0	0	0	0

Appendix C – Worksheet Inventory

The following table provides a brief description of each worksheet. Each worksheet is assigned a unique number for reference purposes.

Worksheet	Form	Alternative	Description
A-1	Form 1 – Summary Cost-Benefit and Cash Flow Analysis	Commercial CMS	Contains the CBA, presenting cash outflow and inflows. This form also calculates the net present value, payback period, and other financial ratios.
A-2	Form 2 – Project Summary Cost Flow Analysis	Commercial CMS	Compiles the onetime project cost estimates into state object codes by fiscal year. The details of each line item are included in worksheet A-5 – Project Detail.
A-3	Form 3 – Summary, Operations Incremental Cost of Project	Commercial CMS	Shows the net ongoing operations cost estimates. Worksheet A-6 – Operations Incremental Cost of Project Details provides detailed information for this worksheet.
A-4	Form 5 – Benefits Cash Flow Analysis	Commercial CMS	Provides a cash flow for tangible benefits identified in the study.
A-5	Project Detail	Commercial CMS	Contains the detailed cost estimate for each line item in worksheet A-2. Each object code includes the onetime cost items associated with the implementation of the new SC-CMS application. The costs are listed in the fiscal year they are expected to occur.
A-6	Operations Incremental Cost of Project Details	Commercial CMS	Presents the ongoing cost-change estimates based on the current operational costs. This worksheet contains the details for worksheet A-3. These costs are provided by object codes and are listed in the fiscal year they are expected to occur.
A-7	AOC 10-Year Implementation Personnel Costs	Commercial CMS	Presents a schedule of expected AOC personnel costs. Part 1 – Project Personnel identifies the estimated project personnel costs by fiscal year. Part 2 – Recurring Program Personnel identifies the estimated ongoing personnel costs required to support the new system. Part 3 - Project Human Resources (HR) Benefit Cost identifies the estimated benefits based upon the estimated personnel costs (Part 1). Part 4 -Recurring Program HR Benefit Cost identifies the estimated benefits associated with the recurring program

Worksheet	Form	Alternative	Description
			personnel costs (Part 2).
A-8	Implementation Schedules and Rates	Commercial CMS	This worksheet describes assumptions concerning the implementation rates associated with the project.
A-9	AOC Personnel Cost Analysis	Commercial CMS	This worksheet calculates the personnel costs based upon the FTE estimates contained in worksheet A-10. The annual salary for each position is multiplied by the estimated FTEs.
A-10	AOC Personnel FTE Plan	Commercial CMS	This worksheet contains the estimated number of FTEs, by position and fiscal year, needed to implement and support the SC-CMS applications. Worksheet A-11 contains details for each line item in this worksheet.
A-11	AOC Personnel FTE Plan Detail	Commercial CMS	This worksheet provides the details for each staff position, identifying tasks and FTEs by fiscal year. This worksheet contains the details for worksheet A-10.
A-12	Solution Provider Personnel Cost Plan	Commercial CMS	This worksheet calculates the personnel cost based upon the FTEs estimates contained in worksheet A-13. The annual salary for each position is multiplied by the estimated number of FTEs. The worksheet identifies the personnel costs associated with the solution provider.
A-13	Solution Provider Personnel FTE Plan Detail	Commercial CMS	This worksheet contains the estimated number of solution provider FTEs, by position and fiscal year, needed to implement and support the SC-CMS applications. Worksheet A-14 contains details for each line item in this worksheet.
A-14	Solution Provider Personnel FTE Plan Detail	Commercial CMS	This worksheet provides the details for each solution provider position, identifying tasks and FTEs by fiscal year. This worksheet contains the details for worksheet A-13.
A-15	Technology Infrastructure Configuration Estimate	Commercial CMS	This worksheet provides the technology infrastructure estimate needed to support the SC-CMS application and contains the details that feed worksheet A-5 – Project Detail.
A-16	Variables and Assumptions	Commercial CMS	This worksheet provides standard cost assumptions that are used in this cost model.

Worksheet	Form	Alternative	Description
A-17	Stakeholder Financial Impact	Commercial CMS	This worksheet contains an estimate of the financial impact associated with local court personnel and partners. This worksheet multiplies the hourly rate by the hours estimated in worksheet A-18.
A-18	Stakeholder Hourly Impact	Commercial CMS	This worksheet estimates the number of hours of impact to local court staff and partners. This worksheet feeds worksheet A-17.
B-1	Form 1 – Summary Cost-Benefit and Cash Flow Analysis	LINX Transfer CMS	Contains the CBA, presenting cash outflow and inflows. This form also calculates the net present value, payback period, and other financial ratios.
B-2	Form 2 – Project Summary Cost Flow Analysis	LINX Transfer CMS	Compiles the onetime project cost estimates into state object codes by fiscal year. The details of each line item are included in worksheet B-5 – Project Detail.
B-3	Form 3 – Summary, Operations, Incremental Cost of Project	LINX Transfer CMS	Shows the net ongoing operations cost estimates. Worksheet B-6 – Operations Incremental Cost of Project Details provides a breakdown of the costs.
B-4	Form 5 – Benefits Cash Flow Analysis	LINX Transfer CMS	Provides a cash flow for tangible benefits identified in the study.
B-5	Project Detail	LINX Transfer CMS	Contains the detailed cost estimate for each line item in worksheet B-2. Each object code includes the onetime cost items associated with the implementation of the new SC-CMS application. The costs are listed in the fiscal year they are expected to occur.
B-6	Operations Incremental Cost of Project Details	LINX Transfer CMS	Presents the ongoing cost-change estimates based on the current operational costs. This worksheet contains the details for worksheet B-3. These costs are provided by object codes and are listed in the fiscal year they are expected to occur.
B-7	AOC 10-Year Implementation Personnel Costs	LINX Transfer CMS	Presents a schedule of expected AOC personnel costs. Part 1 – Project Personnel identifies the estimated project personnel costs by fiscal year. Part 2 – Recurring Program Personnel identifies the estimated ongoing personnel costs required to support the new system. Part 3 - Project HR Benefit Cost identifies the estimated benefits based upon the estimated personnel costs (Part 1). Part 4 -Recurring

Worksheet	Form	Alternative	Description
			Program HR Benefit Cost identifies the estimated benefits associate with the recurring program personnel costs (Part 2).
B-8	Implementation Schedules and Rates	LINX Transfer CMS	This worksheet describes assumptions concerning the implementation rates associated with the project.
B-9	AOC Personnel Cost Analysis	LINX Transfer CMS	This worksheet calculates the personnel costs based upon the FTE estimates contained in worksheet B-10. The annual salary for each position is multiplied by the estimated FTEs.
B-10	AOC Personnel FTE Plan	LINX Transfer CMS	This worksheet contains the estimated number of FTEs, by position and fiscal year, needed to implement and support the SC-CMS applications. Worksheet B-11 contains details for each line item in this worksheet.
B-11	AOC Personnel FTE Plan Detail	LINX Transfer CMS	This worksheet provides the details for each staff position, identifying tasks and FTEs by fiscal year. This worksheet contains the details for worksheet B-10.
B-12	Technology Infrastructure Configuration Estimate	LINX Transfer CMS	This worksheet provides the technology infrastructure estimate needed to support the SC-CMS application and contains the details that feed worksheet B-5 – Project Detail.
B-13	Variables and Assumptions	LINX Transfer CMS	This worksheet provides standard cost assumptions that are used in this cost model.
B-14	Stakeholder Financial Impact	LINX Transfer CMS	This worksheet contains an estimate of the financial impact associated with local court personnel and partners. This worksheet multiplies the hourly rate by the hours estimated in worksheet B-15.
B-15	Stakeholder Hourly Impact	LINX Transfer CMS	This worksheet estimates the number of hours of impact to local court staff and partners. This worksheet feeds worksheet B-14.