Summary	<u> - Form 1</u>									F
Input data i	Project Name Submittal Date n white cells only	KCSO RMS Rep Mar-2017	lacement		Version		1 2017-18 Bienni		King County	
	Year:	2009-2016	2017	2018	2019	2020	2021	2022	2023	TOTAL
PROJECT COST	FS (Form 2): Current Request	4,660,207	1,036,803	675,840	-	-	-	-	-	6,372,850
Contingency 9	% (See Tab A)	0%	13%	0%	0%	0%	0%	0%	0%	0.00%
Contingency \$		-	135,199	-	-	-	-	-	-	135,199
Project Costs	- Prior Appropriations	-	-	-	-	-	-	-	-	-
TOTAL PROJEC	CT COSTS	4,660,207	1,172,002	675,840	-	-	-	-	-	6,508,049
OPERATING C	OSTS (Form 3)	-	-	-	-	-	-	-	-	-
Total Cost Out	tflows	4,660,207	1,172,002	675,840	-	-	-	-	-	6,508,049
BENEFITS		-	-	-	-	-	-	-	-	-
Net Annual Ca	Net Annual Cash Flow		(1,172,002)	(675,840)	-	-	-	-	-	(6,508,049)
Cumulative Ca	Cumulative Cash Flow		(5,832,209)	(6,508,049)	(6,508,049)	(6,508,049)	(6,508,049)	(6,508,049)	(6,508,049)	(6,508,049)
Net Present V	alue	(4,660,207)	(5,776,399)	(6,389,406)	(6,389,406)	(6,389,406)	(6,389,406)	(6,389,406)	(6,389,406)	(6,389,406)
IDENTIFY REV	ENUE SOURCES									
Project	1111808	5,832,209								5,832,209
Project	2017 Operations		675,840							675,840
Project										-
Total Project I	Revenue	5,832,209	675,840	-	-	-	-	-	-	6,508,049
O&M										-
Total Revenue	9	5,832,209	675,840	-	-	-	-	-	-	6,508,049
TOTAL PROJEC	CT CASH NEEDED	(1,172,002)	496,162	675,840	-	-	-	-	-	(0)
		Cost of Capital	Breakeven Period- yrs.* Non-Discounted	Breakeven Period- yrs.* Discounted	NPV \$ (7 yr)	IRR %				
		* - IRR% will dis	No Payback splay as #num i	No Payback f an error has o	(6,389,406) ccurred. Contac	NA ct PSB for help.				

Summary CBA Mark43_051517.xlsx

Project Costs - Form 2					Solution Altern				King County
	KCSO RMS R6 I 3/1/2015	eplacement							
Input data in white cells only		-, -,					2017-18 Biennial		
PROJECT COSTS	Account	2009-2016	2017	2018	2019	2020	2021	2022	TOTAL
IT - Salaries, Wages & Benefits	511XX			0	0	0	0	0	0
Business Salaries, Wages & Benefits	511XX			0	0	0	0	0	0
Total Salaries and Benefits		0	0	0	0	0	0	0	0
Supplies	52110								0
EDP Supplies	52212								0
Consulting IT Services	53127	2,470,695							2,470,695
Travel	53310	1,960							1,960
Hardware/Software	56740			675,840					675,840
System Vendor Equipement/Work	56780								0
Capital IT Lease - Principal	57303								0
KCSO Salaries		580,151	171,000						751,151
Training OT			500,000						500,000
Quality Assurance			50,000						50,000
PMO Service			108,000						108,000
BA Service			97,800						97,800
Interfaces			10,000						10,000
Other		1,607,401	100,003						1,707,404
CAPITALIZED Project Costs		4,660,207	1,036,803	675,840	0	0	0	0	6,372,850

2. Project Costs

CBA Mark43_051517.xlsx

	Project Submittal Date	_	KCSO RMS Replacement 3/1/2017		Solution Alterna Version		017-18 Biennial Bud	get									King County
put data in white A	cells only B		D	Е	F	G	н					NPUT the Total Mo	nthe from Column	C for each Year			
Business or IT	B C PersonPer FTE, TLT, or		Job Title	Work Start		Total Months	Monthly	Monthly Benefit				VPOT the Total Mid	intris from Column	G for each year			Total shoul
	Month	Loan-In Labor		Date	Date	on Project	Salary \$	\$	2009-2016	2017	2018	2019	2020	2021	2022	2023	= Col G
Business	1.00	TLT	Trainer	1-Oct-12	30-Jun-15		7433.7	1,925	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
Business	1.00	TLT	Trainer	8-Aug-15	30-May-16	9.30	15,997		9.3								
Business	1.00	TLT	Desktop Support	1-Jun-10	28-Feb-12	21.00	6,509		21.0								2
Business	1.00	TLT	Desktop Support	1-Aug-10	30-Jun-16	35.00	6,695		35.0								3
Business	1.00	TLT	Developer	1-Jan-10	28-Feb-12	19.00	8,967		19.0								1
IT	1.00	Loan-In	IT Project Manager	1-Jan-09	28-Feb-14	44.00	10,851		44.0								4
IT	1.00	TLT	IT Project Manager	1-Mar-15	31-Dec-16	22.00	12,373		22.0								2
IT	1.00	FTE	IT Project Manager	1-Jan-17	31-Dec-17	12.00	8,971	3,140		12.0							
IT	0.75		Senior Busness Analyst	1-Jan-17	30-Jun-17	6.00	9,133			6.0							
IT	0.50	TLT	Senior Busness Analyst	1-Jan-17	31-Dec-17	12.00	9,133	3,140		12.0							1
Business	1.00		Functional Analyst	1-Jan-17	31-Dec-17	12.00	9,574			12.0							1
			,			0.00	,										
						0.00											
						0.00											
						0.00											
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						0.00											
						0.00											
						0.00											
						0.00											
						0.00											
						0.00											
	10.25							Total	168.8	42.0	0.0	0.0	0.0	0.0	0.0	0.0	210.

Project Labor Costs - 2a CBA Mark43_051517.xlsx

Project Labor Costs - Form 2A

Project Submittal Date KCSO RMS Replacement 3/1/2017

Solution Alternative Version

2017-18 Biennial Budget

Input data in white cells only

oject Costs - Regu	ılar Positions (FTEs/TLTs)							Labor Dollars Sumn	nary - (input escala	ation Rate by Year i	selow)					
Α	В С	D	E	F	G	Н	I		0.00%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	
Business or IT	PersonPer FTE, TLT, Month Loan-In La		Work Start Date	Work End Date	Total Months on Project	Monthly Salary \$	Monthly Benefit \$	2009-2016	2017	2018	2019	2020	2021	2022	2023	Total
Business	1 TLT	Trainer	1-Jul-13	30-Jun-15	18.5	7433.7	1925.7	173,142	-	-	-	-	-	-		173
Business	1 TLT	Trainer	8-Aug-15	30-May-16	9.3	15997	0	148,772	-	-	-	-	-	-		148
Т	1 TLT	Desktop Support	6-Jan-10	28-Feb-12	21.0	6509	0	136,689	-	-	-	-	-	-		136
IT	1 TLT	Desktop Support	1-Aug-10	30-Jun-16	35.0	6695	0	234,325	-	-	-	-	-	-		234
Business	1 TLT	Developer	1-Jan-10	28-Feb-12	19.0	8967	0	170,373	-	-	-	-	-	-		170
IT	1 Loan-In	IT Project Manager	1-Jan-09	28-Feb-14	44.0	10851	0	477,444	-	-	-	-	-	-		477
IT	1 TLT	IT Project Manager	1-Mar-15	31-Dec-16	22.0	12373	0	272,206	-	-	-	-	-	-		272
IT	1 FTE	IT Project Manager	1-Jan-17	31-Dec-17	12.0	8971	3140	-	145,332	-	-	-	-	-		145
IT	0.75 TLT	Senior Busness Analyst	1-Jan-17	30-Jun-17	6.0	9133	3140	-	55,229	-	-	-	-	-		55
IT	0.5 TLT	Senior Busness Analyst	1-Jan-17	31-Dec-17	12.0	9133	3140	-	73,638	-	-	-	-	-		73
Business	1 TLT	Functional Analyst	1-Jan-17	31-Dec-17	12.0	9574	0	-	114,888	-	-	-	-	-		114
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	C	0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	(0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	(0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	(0	-	-	-	-	-	-	-		
0	0	0 0	0-Jan-00	0-Jan-00	0.0	(0	_	_	_	_	-	_	-		

Ongoing Operations an	d Maintenance	e Costs - I	Form 3							King County
	Project Submittal Date	KCSO RMS R 3/1/2017	eplacement		Solution Alt Version	ernative	1 2017-18 Bie	nnial Budget		King County
Input data in white cells only										
O&M COSTS	Account	2009-2016	2017	2018	2019	2020	2021	2022	2023	TOTAL
IT - Salaries & Wages	511XX	-	-	-	-	-	-	-	-	-
Business Salaries & Wages	511XX	-	-	-	-	-	-	-	_	-
TOTAL SALARIES		-	-	-	-	-	-	-	-	-
Employee Benefit Costs	511XX	-	-	-	-	-	-	-	_	-
Supplies	52110	-	-	-	-	-	-	-	-	-
EDP Supplies	52212	-	-	-	-	-	-	-	-	-
Consulting IT Services	53127	-	-	-	-	-	-	-	-	-
Subcontract IT Services	53179	-	-							-
Travel	53310	-	-	-	-	-	-	-	-	-
Printing	53806	-	-	-	-	-	-	-	-	-
Training-IT	53813	-	-	-	-	-	-	-	-	-
IT - Internal Service	55xxx	-	-			-	-	-	-	-
Hardware/Software	56740	-				-	-	-	-	-
Communication Equipment	56780	-	-	-	-	-	-	-	-	-
Capital IT Lease - Principal	57303	-	-	-	-	-	-	-	-	-
Capital IT Lease - Interest	57304	-	-	-	-	-	-	-	-	-
Other (specify)		-	-	-	-	_	-	-	-	-
Other (specify)		-	-	-	-	-	-	-	-	-
Other (specify)		-	-	-	-	-	-	-	-	-
TOTAL O&M Cost		-	-	-	-	-	-	-	-	-

On-going O Costs - 3 CBA Mark43_051517.xlsx

A. Contingency Calculation



Project
Submittal Date

KCSO RMS Replacement 3/1/2017

Solution Alternative Version

2017-18 Biennial Budget

Input data in white cells only

Instructions: Fill in project self-rating and estimating accuracy - contingency will automatically be filled in on the summary sheet.Review the guidelines below if you feel a different contingency is warranted. For different contingencies, enter the percentage directly onto the Summary Form 1 tab, row 7.

Background: Contingency is utilized to reduce the risk associated with completing a project. The intent is that creating a financial buffer will enable projects to deal with un-anticipated issues/activities, with higher risk projects needing larger contingencies. Contingency is added on top of project estimates/expectations to be utilized should unplanned activities occur. Project teams should strive to complete projects without using any contingency. When this happens, contingency is returned to the original funding source.

Contingency Determination See PRB self-rating guide on the intranet (1 or 2) http://kcweb.metrokc.gov/oirm/tools_templates/PRB-ProjectOversightSelfRatingForm.doc Average estimating accuracy of prior projects sponsored by this organization - as determined by project benefit realization reports to PRB. 1 = actuals within 10% of PRB phase 2 estimates, 2 = within 20%, 3 = greater than 20% or no history. Score Scores of 1-3 = 10%, 4 = 20%, 5 = 30% contingency

NOTE: A higher contingency factor can be assigned manually based on the contingency guidelines presented by the PRB- see link below for full details. To assign manually, enter % on Summary - Form 1 tab line 7

10% Contingency

- Project team is very experienced in estimating and completing this type of project
- Technology to be implemented is not complex, requirements are clear, user procedures will not change significantly
- Involves a single agency
- Project risk is mitigated through a fixed bid with a vendor

20% Contingency

- Project team has some experience in estimating and completing this type of project
- Technology to be implemented is moderately complex, involves multiple systems and some changes to user procedures
- Involves multiple agencies
- · Part of the risk is mitigated through a fixed bid, but the project schedule and budget assume county staff will be available to support the project

30% Contingency

- Project team has little experience in estimating and completing this type of project
- New or very complex technology will be implemented; user processes and procedures will change significantly
- · Involves many agencies or is countywide
- Most of project staffing is from loaned county staff where there is a risk the staff will become unavailable when needed due to, for example, competing priorities for their time