

Project Business Case - Financial Spreadsheet

Project Name:			Mobile Working for Childrens Social Care			Project ID:	17EN125.1	Document status:		<input type="checkbox"/> Confidential	<input checked="" type="checkbox"/> In circulation	<input type="checkbox"/> Draft
Project Mngr:			Kate Broadbridge			Version & Date:	v11 21/02/18	Business Case stage:		<input checked="" type="checkbox"/> Will business case	<input type="checkbox"/> Final business case	
						£'000	£'000	£'000	£'000	£'000	£'000	£'000
Line No.	Expenditure	% Conf.	Cost / Saving description	Cost Centre & Account Code	0	1	2	3	4	5	Row total	
					Yr 18/19	Yr 19/20	Yr 20/21	Yr 21/22	Yr 22/23	Yr 23/24		
	Capital Expenditure - BCC Innovation fund		Hardware -Smartphone for Childrens Social Care teams (indicative cost of handset) (establishment of 247) Indicative Unit cost = £150, plus robust case and car charger £20 = Total £170 per unit.		41,990						41,990	
	Capital Expenditure - BCC Innovation fund		Create image for phones- £200 per day estimate X 4 days for 247 phones (Cost apportioned between Childrens and Adults project - total of 10 days imaging required at a full cost of £2000)		800						800	
	Capital Expenditure - BCC Innovation fund		Hardware - Tablets for Childrens Social Care teams (establishment of 247) Unit cost = £760 plus £115 allowance for rugged case, plug in keyboard and tablet to desktop lead. Total cost per unit = £875		216,125						216,125	
	Capital Expenditure - BCC Innovation fund		Software - Purchase of the Mobile Application Liquid Logic Childrens System (inc VAT)		22,250						22,250	
	Capital Expenditure - BCC Innovation fund		Software - LCS Signs of Safety. Mobile application plus 24 day service pack - implementation		20,160						20,160	
	Capital Expenditure - BCC Innovation fund		Additional storage -Liquid Logic host the Childrens System (1 Terabyte ≈approx 1 million photos) £2,028.75		2,028						2,028	
	Capital Expenditure - BCC Innovation fund		Set up costs for tablets - Transition Manager 5 days @£240 per day		1,200						1,200	
	Capital Expenditure - BCC Innovation fund		Penetration testing - Security testing of devices. 2.5 days @£1000 per day plus expenses		2,500						2,500	
	Capital Expenditure - BCC Innovation fund		Implementation services from Liquid Logic for mobile application - Liquid Childrens System (LCS) 5 x days @ £980 per day		4,900						4,900	
	Capital Expenditure - BCC Innovation fund		Implementation - Additional days input from Liquid Logic if needed 5 @ £980.00 per day		4,900						4,900	
	Capital Expenditure - BCC Innovation fund		Implementation - 1 FTE Childrens System Process and Development Officer for 1 year at BG11 plus oncosts @ 36% and overheads @ 30%. (Assumption that roll out and training completed within 1 year)			57,435					57,435	
	Capital Expenditure - BCC Innovation fund		Implementation - 0.5 FTE Project Manager Resources Directorate for 1 year (BG13 plus oncosts @ 36% and overheads @ 30%. On-costs for this post in ongoing costs section below)			35,410					35,410	
	Capital Expenditure - BCC Innovation fund		Implementation -ICT Project Manager @ £250 per day for 10 days (Note assumption that an internal resource is found, external resource would be £450 per day)			2,500					2,500	
	Capital Expenditure - BCC Innovation fund		Implementation -ICT Project Resource & Support Officer @ £33 per day for 10 days (overhead for the above ICT Project Manager cost)			330					330	
			Total new costs:		316,853	95,675	0	0	0	0	412,528	
	Capital Expenditure - BCC Innovation fund		Windows 10 Build costs - enabling use of Windows products and to include creating an image for the tablets. Note : Price estimated at 47 days work @£250 per day (Assumption of cost split between Adult and Childrens Services)		5,875						5,875	
			Total opportunity costs:		5,875	0	0	0	0	0	5,875	
			Proposed Capital Expenditure:		322,728	95,675	0	0	0	0	418,403	
			Total project expenditure (new + opp costs):		322,728	95,675	0	0	0	0	418,403	
	Business as usual expenditure - matched by efficiency savings identified in the Strengthening Families Programme		Contract cost - Smartphone (options for handsets being investigated) for Childrens Care teams (establishment of 247) Annual contract cost = £162 per year per unit (this is 4G SIM(5Gb at £10 a month per SIM plus an Airwatch licence cost of £ 3.50 a month Total annual phone contract cost of £162 per annum per unit		40,014	40,014	40,014	40,014			160,056	
	Business as usual expenditure - matched by efficiency savings identified in the Strengthening Families Programme		Desktop Service/ Desktop and Collaboration support This role will set up phones and tablets. Assumption that this role can support the pace of roll out, if faster roll out is required this resource may need to be increased. At the end of the project there will be 1073 new devices requiring ICT support. Approx 500 laptops will be returned, net increase on the estate is 573 devices. Resource calculated at 260 days per year (i.e. an FTE position split between Childrens and Adults Social care) at £240 per day)		31,200	31,200	31,200	31,200			124,800	
	Business as usual expenditure - matched by efficiency savings identified in the Strengthening Families Programme		Annual Support and Maintenance for Liquid Logic Mobile application (LCS Liquidlogic Childrens System)		5,000	5,000	5,000	5,000			20,000	
			Assumes that 15% of smartphones will be damaged or lost that will need to be replaced over the next four years		1,575	1,575	1,575	1,575			6,300	
			Assumes that 15% of tablets will be damaged or lost that will need to be replaced over the next four years		8,105	8,105	8,105	8,105			32,420	
			Signs of Safety Annual License Fee - from Liquid Logic		12,500	12,500	12,500	12,500			50,000	
			Total on-going costs:		98,394	98,394	98,394	98,394	0	0	393,576	
	Savings / reduced spend		Removal of Vasco token contracts £30 per unit per year for 247 Social Care teams who will no longer have laptops		(7,410)	(7,410)	(7,410)	(7,410)			(29,640)	
	Savings / reduced spend		Removal of existing Mobile annual contract costs for 247 Childrens Social Workers who will have a replacement smartphone (unit cost £30 per year)		(7,410)	(7,410)	(7,410)	(7,410)			(29,640)	
			Gross total savings:		(14,820)	(14,820)	(14,820)	(14,820)	0	0	(59,280)	
			Total net savings (less on-going costs):		83,574	83,574	83,574	83,574	0	0	334,296	
			NET Total (net savings less total expenditure)		406,302	179,249	83,574	83,574	0	0	752,699	
			Cumulative net total:		406,302	585,551	669,125	752,699	752,699	752,699		

Projected payback period (yrs):

More than five

Additional financial analysis table:

	£'000	£'000	£'000	£'000	£'000	£'000
	Yr 0	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
Total funded partners:						
Total funded by Bristol City Council:	322,728	95,675	0	0	0	0
Total benefits accruing to partners:						
Total benefits accruing to Bristol City Council:	83,574	83,574	83,574	83,574	0	0
Annual Capital 'principal' repayments (if applicable) :						
Annual net benefits after 'capital' repayments (if applicable) :	83,574	83,574	83,574	83,574	0	0
Cumulative total borrowing cashflow:	400,427	579,676	663,250	746,824	746,824	746,824

KEY:

New costs
Opportunity costs
Dis-benefits
Benefits
Repayments