

**ESTIMATED INFRASTRUCTURE INVESTMENT COSTS AS A SINGLE AUTHORITY**

Infrastructure Components	Units	Unit Price	Item	Asset Life	Cost	Comments	Future Capital Spend Commitments							Total Cost to 2020/21		
							2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21			
<b>HARDWARE</b>																
Servers	2	12,134	2 Blade Enclosures	7 years	<b>£24,267</b>									£24,267	<b>£48,535</b>	
Servers	8	4,880	8 x blade servers for workstation virtualisation	5 years	<b>£39,037</b>	Note that new generation version 8 blades were procured as opposed to the version 7 initially considered. V8 has greater capacity, hence slightly greater unit cost but reduced overall number of blades.								£39,037	<b>£78,075</b>	
Servers	12	2,560	12 x Blade servers for server virtualisation	5 years	<b>£30,720</b>	SBC did not purchase these as able to fully re-use existing technology. Therefore, no price from HP following recent procurement exercise.								£30,720	<b>£61,440</b>	
Servers	4	6,006	Servers for GCS(X) network	5 years	<b>£24,025</b>									£24,025	<b>£48,050</b>	
Networking	1	28,361	2 x New Datacenter core network switches	7 years	<b>£28,361</b>										£28,361	<b>£56,723</b>
Networking	4	4,094	2xstorage switch 2 x IL3 switch 1 x Firewall	7 years	<b>£29,378</b>										£16,378	<b>£58,756</b>
Networking			Establishment of LES and internet links to replace MPLS	N/A	<b>£50,000</b>	Prudent estimate of cost for replacement of MPLS solution.										<b>£50,000</b>
Storage	10	2,094	10TB Tier 1 (SAS Class) Storage	5 years	<b>£20,940</b>	Based upon recently received quotes								£20,940	<b>£41,880</b>	
Storage	20	862	20TB Tier 2 (MDL Class) Storage	5 years	<b>£17,240</b>									£17,240	<b>£34,480</b>	
Client Devices	300	180	Zero Clients	5-7 years	<b>£54,009</b>									£54,009	<b>£108,018</b>	
Client Devices	200	180	Thin client devices to be replaced with zero clients	5- years	<b>£0</b>	Thin client devices do not need to be replaced immediately. Phased replacement from year 2014/15 assumed		9,000	9,000	9000	9000				<b>£36,000</b>	

