

# Decision Pathway Report



**PURPOSE:** Key decision

**MEETING:** Cabinet

**DATE:** 21 January 2020

<b>TITLE</b>	The provision and support of Storage Area Network (SAN) using Server/Storage Solutions		
<b>Ward(s)</b>	None		
<b>Author:</b> Sharon Scull	<b>Job title:</b> Lead – Operational Procurement & Finance		
<b>Cabinet lead:</b> Cllr Craig Cheney	<b>Executive Director lead:</b> Mike Jackson		
<b>Proposal origin:</b> BCC Staff			
<b>Decision maker:</b> Cabinet Member <b>Decision forum:</b> Cabinet			
<p><b>Purpose of Report:</b> This report identifies the requirement to procure a replacement for our current storage (P750/EMC VNX products). For example the current P750 houses some of the Councils critical systems.</p> <p>Cabinet approves the award of a 5 year contract, through a framework (CCS Framework RM3733 – Technology Products 2), for the supply of the SAN replacement and that authority to award the contract is delegated to Director – Digital Transformation.</p>			
<p><b>Evidence Base:</b></p> <ol style="list-style-type: none"> <li>1. Current storage product is out of support on 31<sup>st</sup> December 2019. We were notified via email that DELL\EMC will not extend maintenance contract beyond 2019.</li> <li>2. After this date DELL\EMC have confirmed that for first few months that spare parts may be available but may be located elsewhere in the world, therefore that they cannot guarantee spare parts or support and any assistance will be on best endeavours.</li> <li>3. The storage is critical to the Councils internal systems.</li> <li>4. IT recommends purchasing new storage safeguard data and systems.</li> <li>5. We are recommending leasing a component of the storage whilst we migrate a number of systems and data to the cloud. Expected completion time is within two years.</li> <li>6. IT recommends replicating the storage across two sites and this will increase reliability and availability if there is a power outage or other issue at either site. This is evidenced by problem that Western Power had in September 2019 which resulted in power loss in City Hall even though IT staff worked over night to restore systems, the Revenues and Benefits system was not available until mid-day. In 2018 we had 2 outages at different sites which resulted in service outage of over 24 hours. Replication will mitigate outages by providing active-active site resiliency.</li> <li>7. IT recommends using hyper-converged technology due to the modular nature of system. This will allow us to contract or expand hosts and storage when required. Hyper-converged is a type of infrastructure that is software defined, it integrates the compute, storage, networking and software components of virtualized environments. It means that we do not need separate servers to host the virtualisation software and storage that hosts the data. This will decrease complexity of our solution and the foot print. Hyper-converged solutions are highly scalable.</li> <li>8. The investment in new SAN Infrastructure is critical to ensure continued delivery of resilient systems, particularly those which will not be able to be moved to Cloud Infrastructure due to compatibility or latency constraints. The solution will provide an uplift in resilience to current practices. The solution has been sized to maintain future requirements, with a short-term uplift leased to align with the IT Transformation Programme delivery schedule. Not undertaking this procurement would place a number of critical key</li> </ol>			

systems at risk in the short-term, and prevent long-term delivery of some key systems in the future.

**Cabinet Member / Officer Recommendations:**

That Cabinet:

1. Approve the procurement of replacement Storage Area Network server and a 5 year support and maintenance contract at a cost of £1.3m and authorise the Director – Digital Transformation in consultation with the Deputy Mayor – Finance, Governance and Performance to take all steps necessary to procure and award the contract(s).

**Corporate Strategy alignment:**

Within our Corporate Strategy commitments, the replacement of this hardware is part of our IT Transformation Program, but outside of any previous cabinet approvals. Our current storage product becomes end of life December 2019.

**City Benefits:**

There are no specific or direct benefits to the city; there are no identified equalities impacts. However, this will enable IT Services to deliver our service in an effective way.

**Consultation Details:**

No consultation is considered necessary.

**Background Documents:**

Options review and Business Case.

<b>Revenue Cost</b>	£75k	<b>Source of Revenue Funding</b>	11302 (to cover Support & Maintenance costs)
<b>Capital Cost</b>	£950k	<b>Source of Capital Funding</b>	P14900-1002 (this does not include any funds associated with the transition and re-hosting of Revenues & Benefits system)
<b>One off cost</b> <input checked="" type="checkbox"/>	<b>Ongoing cost</b> <input checked="" type="checkbox"/>	<b>Saving Proposal</b> <input type="checkbox"/>	<b>Income generation proposal</b> <input type="checkbox"/>

**Required information to be completed by Financial/Legal/ICT/ HR partners:**

**1. Finance Advice:**

This proposal seeks approval to procure a replacement Storage Area Network and to secure a 5 year support and maintenance contract.

The MTFP's Capital Programme 19/20 (approved by Full Council 26/2/19) is confirmed as including budget for this investment against scheme Re01 ICT Refresh.

It is also confirmed that the ongoing costs of support and maintenance can be covered within the IT division's annual Revenue budget.

No savings are expected to arise as a consequence of this investment.

**Finance Business Partner:** Jemma Prince (19/12/19)

**2. Legal Advice:** Whenever the council procures goods or services where the value of the contract is over £181k, it must do so in compliance with The Public Contracts Regulations 2015 unless an exemption is available. The intention is to use CCS framework RM3733 (Technology Products 2) to purchase IT hardware, support and maintenance services (together, by value, "goods" for the purposes of the Regulations). This framework is appropriate for commoditised goods and associated "close to-the-box" IT services e.g. OEM support and maintenance can be provided under a third party contract using the manufacturer's standard terms (referenced in the order form), but the framework terms are not suitable for complex / managed services, hardware as a service (leasing) or consultancy services etc. As the equalities impact assessment in Appendix E refers to "an option to lease additional storage capacity up to a further 100tb (again, replicated across the 2 sites)" the suitability of the terms and the scope to include such option in the call-off contract will need to be checked with CCS and confirmed by legal.

Subject to the point above, this framework, in conjunction with a further competition process, provides a compliant procurement route for the purposes of the Regulations. The framework expires on 31 March 2020 (Lots 1 to 5) and

31 October 2020 (Lot 6), and will be replaced by RM6068 (Technology Products and Associated Services).

The accompanying equalities impact assessment raises no concerns and no public consultation requirement arises in relation to this report.

**Legal Team Leader:** Sinead Willis (Team Leader), 25<sup>th</sup> November 2019

**3. Implications on IT:** This is an essential part of the IT Infrastructure modernisation approach which will safeguard any systems which are unable to be immediately moved into a Cloud environment. IT Services are fully supportive of this essential decision

**IT Team Leader:** Simon Oliver (Director – Digital Transformation), 20<sup>th</sup> November 2019

**4. HR Advice:** No HR implications evident.

**HR Partner:** James Brereton (People & Culture Manager), 19<sup>th</sup> November 2019

<b>EDM Sign-off</b>	Mike Jackson	27/11/2019
<b>Cabinet Member sign-off</b>	Cllr Craig Cheney	02/12/2019
<b>For Key Decisions - Mayor's Office sign-off</b>	Mayor's Office	19/12/2019

<b>Appendix A – Further essential background / detail on the proposal</b>	<b>NO</b>
<b>Appendix B – Details of consultation carried out - internal and external</b>	<b>NO</b>
<b>Appendix C – Summary of any engagement with scrutiny</b>	<b>NO</b>
<b>Appendix D – Risk assessment</b>	<b>NO</b>
<b>Appendix E – Equalities screening / impact assessment of proposal</b>	<b>YES</b>
<b>Appendix F – Eco-impact screening/ impact assessment of proposal</b>	<b>NO</b>
<b>Appendix G – Financial Advice</b>	<b>NO</b>
<b>Appendix H – Legal Advice</b>	<b>NO</b>
<b>Appendix I – Exempt Information</b>	<b>NO</b>
<b>Appendix J – HR advice</b>	<b>NO</b>
<b>Appendix K – ICT</b>	<b>NO</b>