Cambridge City Council

To:	Executive Councillor for Customer Services and Resources
Report by:	Tony Allen, ICT Client Manager
Scrutiny committee:	STRATEGY AND RESOURCES SCRUTINY COMMITTEE 14 OCTOBER 2013
Wards affected:	All

Project Appraisal and Scrutiny Committee Recommendation

Project Name: Wide Area Network

Recommendation/s

Financial recommendations –

- The Executive Councillor is asked to recommend this scheme (which is not included in the Council's Capital & Revenue Project Plan) for approval by Council, subject to resources being available to fund the capital and revenue costs.

- The total cost of the project is £142,000, financed from repairs and renewals funding.

- The ongoing additional revenue costs of the project are £14,000 per annum, funded from existing revenue budget provisions.

- The Executive Councillor is asked to delegate authority for the placing of further orders within this contract to the Director of Resources (or successor post) in consultation with the Executive Councillor, Chair and Spokes of the Strategy and Resources Scrutiny Committee, provided available funding sources are in place and up to a maximum limit of £300,000 capital and £190,000 revenue.

Procurement recommendations:

- The Executive Councillor is asked to approve the carrying out and completion of the procurement of a Wide Area Network (WAN) utilising the Cambridgeshire Public Sector Network (CPSN) framework contract.

- Subject to:
    - The permission of the Director of Resources being sought prior to proceeding if the quotation or tender sum exceeds the estimated contract.
    - The permission from the Executive Councillor being sought before proceeding if the value exceeds the estimated contract by more than 15%.

Project Name: Wide Area Network

1   Summary

1.1   The project

Purchase and commission a new Wide Area Network to provide a modern data communications infrastructure for the Council.	
Target Dates:	
Start of procurement	October 2013
Award of Contract	October 2013
Start of project delivery	October 2013
Completion of project	January 2015
Date that project output is expected to become operational (if not same as above)	Usage starting in March 2014 for some circuits

1.2   Anticipated Capital Cost

Total Project Cost (Phase 1)	£142,000

Cost Funded from:

Funding:	Amount:	Details:
Reserves	£0	
Repairs & Renewals	£142,000	27735 Telephone Exchange R and R Fund, 27729 CCTV R and R Fund, 23545Car Park equipment R and R Fund
Developer Contributions	£0	
Climate Change Fund	£0	
Other	£0	

1.3 Procurement process

The Council is seeking to join and implement a new Wide Area Network based on the Cambridgeshire Public Sector Network (CPSN) framework contract.

2 Project Appraisal & Procurement Report

2.1 Project Background

The CPSN framework is a communications network using the latest technology to bring public services together in Cambridgeshire and beyond. It will connect over 400 sites including schools, libraries, County and District council offices, community action points, emergency services, citizens' advice hubs and voluntary groups.

Cambridgeshire County Council awarded the CPSN framework contract to Virgin Media Business on behalf of the CPSN partnership to develop the 10Gb core network. CPSN offers a range of benefits including faster, safer Internet connections, more capacity, security and flexibility, as well as better data, telephone and IT services.

This project is required for the following reasons:

- It enables collaborative working with other government partners, and enables shared services, buildings and technology through a joint data infrastructure.

- Some existing network links are on old technology that is being withdrawn by the supplier or cannot be upgraded cost effectively to support the Council's increased requirements. The cost of this unavoidable work is estimated at £167,000 capital with additional revenue of at least £45,000.

- Many of the contract end dates for these circuits have now passed and the Council's contract rules require periodic re-tendering of contracts with a fixed life.

- It prepares the Council to implement new technologies supporting new ways of working, such as WiFi connections direct to the Council's network from libraries, community centres and partner buildings.

- The Council has planned to upgrade its email and web filtering facilities, there is an option to take a shared enterprise class service from CPSN to assist with the business case.

Options considered have included:

- Reviewing our existing links with Redcentric. However the organisation does not have PSN accreditation and cannot be contracted though a framework contract.

- Staying as is. However this will not support the Council's proposed shared CCTV service or other future shared services and facilities and will have a greater impact on the Council's revenue budgets.

2.2 Aims & objectives

Short term objectives:

- To renew contracts for the Council's Wide Area Network and migrate phase 1 sites (Guildhall, Mandela, Mill Road, Meadows and Carparks) on to the CPSN.

- Design and set up the new network

- To implement the Guildhall connection before 1st April as a pre-requisite for the CCTV shared service.

Longer term objectives:

- Completion of migration of sites to CPSN

- Migrate the Council's email and web filtering systems and its Internet feed to CPSN and remove the Council's existing facilities.

- Good communication links underpin many of the interactions the Council has with members of the public, so effective tools to support front line services and to aid communication with the public are required. Good communication links also support new ways of working.

- This project contributes to the overall council aims and objectives by providing modern communications infrastructure that providing a flexible scalable, value for money service, enabling customer focussed services.

2.3   Major issues for stakeholders & other departments

- The link to Mill Road is based on old technology that BT plan on ceasing, meaning the Council must migrate to a newer link.

- Links to community centres do not offer enough bandwidth, so will not support the Council's property strategy and flexible working/hot desking.

- The Car Park network, underpinning a £9 million income stream, has been built on enhanced consumer technology, does not offer any bandwidth expansion, is not reliable (resulting in loss of income and reputation). It also relies on multiple networks for card payment machines and office data services. By investment in the network it will enable the service to look at further income generating opportunities.

- Any WiFi service requires a second network to be set up and to be managed.

- Many of the Council's current links cannot be upgraded easily to meet its future requirements.

- The Council is currently reliant on one main Internet link. By moving to the CPSN each site effectively has its own link, improving resilience.

- The project interfaces to the property strategy so the Council is not tied to agreements beyond the end of a sites life or experiences unknown high exit costs.

2.4 Summarise key risks associated with the project

- The Council's compliant status to GCSx/Public Sector Network Code of Connection needs to be maintained. By migrating to the CPSN the new network the Council will meet any future increase in security requirements (e.g. there is a risk that IL2 links with PSN accredited suppliers may be mandated in the future).

- Detailed surveys of the implementation may identify additional charges that Virgin Media may need to be recovered from the Council. Until the contract is signed and the surveys have been completed this figure will be unknown. A contingency has been included within the project's capital budget.

2.5 Financial implications

a. Appraisal prepared on the following price base: 2013/14

b. Specific grant funding conditions are:

c. Other comments

2.6 Net revenue implications (costs or savings)

Revenue	£	Comments
Maintenance	14,000	
R&R Contribution		
Developer Contributions		
Energy savings	( )	
Income / Savings	( )	
Net Revenue effect	14,000	The additional costs will be met from existing Revenue budget provision

2.7 VAT implications

There are no significant adverse VAT implications to this project.

2.8 Energy and Fuel Savings

(a) Is this project listed in the Carbon Management Plan?	No
	If 'No', move to Section 2.9.

(b) Estimated Annual Energy Cost Savings

Year 1	£
Ongoing (£ per year)	£
Anticipated project lifetime (years)	*This is the number of years you expect the project to deliver the energy cost savings specified above for*
On what basis have you specified this project lifetime?	*EG: supplier guarantee*

(c) Which cost centre energy budget should these savings be retrieved from?

Cost Centre Name	Cost Centre Number	Account code	Cost Centre Manager

 (d) Monitoring of Savings

2.9 Climate Change Impact

Positive Impact		No effect	Negative Impact	
		Nil		

2.10 Other implications

An Equality Impact Assessment (EqIA) has not been prepared for this project.

2.11 Staff required to deliver the project

Service	Skills	Total Hours
ICT Client Team	Project and Contract Management	222

2.12 Dependency on other work or projects

- The Council's CCTV merger with Huntingdonshire District Council requires a link to CPSN.
- Investment in secure WiFi technology will require additional investment.

2.13 Background Papers

2.14 Inspection of papers

Author's Name	Tony Allen
Author's phone No.	01223 – 457197
Author's e-mail:	Tony.allen@cambridge.gov.uk
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Capital Project Appraisal - Capital costs & funding - Profiling   **Appendix A**

	2013/14	2014/15	2015/16	2016/17	2017/18	Comments
	£	£	£	£	£	
Capital Costs						
Building contractor / works	0	0				
Purchase of vehicles, plant & equipment	5,000	26,000				
Professional / Consultants fees	6,000	16,000				
Other capital expenditure:	25,000	64,000				CPSN connection costs
Total Capital cost	**36,000**	**106,000**	**0**	**0**	**0**	
Capital Income / Funding						
Government Grant	0	0				
Developer Contributions	0	0				
R&R funding	36,000	106,000				27735 Telephone Exchange R and R Fund, 27729 CCTV R and R Fund, 23545 Car Parks equipment R and R Fund
Earmarked Funds	0	0				
Existing capital programme funding	0	0				
Revenue contributions	0	0				
Total Income	**36,000**	**106,000**	**0**	**0**	**0**	
Net Capital Bid	**0**	**0**	**0**	**0**	**0**	