MUNICIPAL YEAR 2019/2020 REPORT NO.

ACTION TO BE TAKEN UNDER DELEGATED AUTHORITY

Agenda – Part: 1	KD Num: 4934
Subject: Infrastructure Programme procurement of network hardware	
Wards: n/a	

OPERATIONAL DECISION OF:
Acting Director Customer Experience and Change

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1. EXECUTIVE SUMMARY

We need to procure new network hardware to replace the current network hardware. The procurement route is London Grid for Learning as the provider using Virgin Media as the reseller and Cisco as the provider. Contract value include a 5-year warranty.

This will deliver bullet point 3 of 1.2.1.2 of the Infrastructure DAR. Replacing all the existing critical network hardware such as routers and switches as well as Wi-Fi access points. This will mitigate the existing risk of hardware failures due to the geriatric state of the network and potential security implications. The Network speed will improve and other benefits around proactive monitoring and seamless connectivity will be realised.

2. RECOMMENDATIONS

To seek approval to award the contract for the procurement of hardware and services to refresh the current network infrastructure to London Grid for Learning including 5-year warranty.

3. BACKGROUND

The council agreed to implement a new infrastructure programme through Key Decision 4838 on 26 March 2019.

We are now looking to select providers to deliver the requirements of the programme. We have now selected a provider to deliver the new network hardware based on the need to do the following:

Seamless connectivity means being able to work from anywhere and connect to a network without having to log on. The existing network does not provide this consistently or throughout the borough.

The London Borough of Enfield networks are at the end of their life, so we have the following issues:
- Poor performance presents a risk to business continuity and we cannot guarantee a network service
- The current network has insufficient capacity for more staff to be able to work remotely
- Currently staff cannot connect from everywhere
- A security and compliance risk – for example, it will become harder and harder to keep ourselves compliant with PCI DSS (for the council to be able to take credit/debit card payments) and Public Service Network compliance (for us to share data securely with central government)
- We are more vulnerable to cyber-security attacks

Changing our network provides the opportunity to reduce ongoing costs and provides opportunity to scale up or down according to organisational requirements. We've procured network provision in separate procurements in the past missing the opportunity to bulk buy equipment and services.

The new network will provide the following benefits:

- High speed and more reliable network
- More capacity for staff to be able to work remotely, and from any location in the borough, supporting the council's ambitions for staff flexibility, productivity and accommodation rationalisation
- Ability to log onto any network immediately
- A secure network which meets regulations
- Significantly reduced risk to business continuity as the new hardware comes with 5-year technical support offering.
- Better Wi-Fi corporately and in our Libraries serving our customers

We are proposing to enhance and make use of our existing London IT consortium, the London Grid for Learning (LGFL), as the main network provider. LGFL is a not-for-profit jointly owned company/consortium which provides IT networking services to schools and local authorities in all 33 Boroughs. The LGFL which is jointly owned by its members, was developed to provide London Boroughs with IT services for an affordable price through economy of scale. This service will provide us with enhanced, seamless

technology and we can take advantage of shared technology and a shared service arena.

Investing in this communications infrastructure is also a foundation for enabling the council to collect data from physical infrastructure in the borough such as road and traffic sensors, in the future.

This contract will upgrade:
- Internal networks in council buildings, the LAN;
- Pipes connecting buildings, the WAN;
- All our Wi-Fi access points and Wi-Fi solutions. This will also include implementing the new LGFL Wi-Fi solutions which can be used by any other London Borough (EduRoam for educational institutes and GovRoam). We intend to begin the new corporate Wi-Fi solution by starting with the network in Enfield Libraries, as they are suffering poor performance, which impacts on the public who come to libraries for free internet.

1. COMMENTS OF THE DIRECTOR OF FINANCE AND OTHER DEPARTMENTS

4.1 Financial Implications

The DAR (report ref KD4838) for the overall Infrastructure Programme approved capital funding of £3,925,169 to undertake this programme.

This component of the programme is for all the network hardware, installation, configuration and 5-year warranty.

The programme is estimated to yield annual revenue savings of £964,151 in year one and a further saving £1,427,251 in the second year.

4.2 Legal Implications

Section 111 of the Local Government Act 1972 permits local authorities to do anything which is calculated to facilitate or is conducive or incidental to the discharge of their functions.

Furthermore, the Council has a general power of competence under Section 1(1) of the Localism Act 2011 to do anything that individuals may do, provided that it is not prohibited by legislation and subject to public law principles.

The Council will need to ensure that any contracts which are entered into pursuant to the IT rationalisation programme are procured in accordance with the Public Contracts Regulations 2015 (where applicable) and the Council's Contract Procedure Rules.

The contracts will need to be in a form approved by the Director of Law and Governance.

This will be a Key Decision as it involves expenditure of more than £250,000 and therefore the Key Decision governance process will need to be followed (see CPR 1.22.4).

The Council needs to be mindful that the Transfer of Undertakings (Protection of Employment) Regulations 2006 (TUPE) may apply to any future service provision change, and legal advice should be sought on this at the appropriate time.

(Legal imps provided by MO'C on 21 February 2019 based on a report circulated on 19 February 2019).

4.3   Property Implications

N/A

4.4   Procurement Implications

Any procurement must be undertaken in accordance with the Councils   Contract Procedure Rules (CPR's) and the Public Contracts Regulations (2015).

The award of the contract, including evidence of authority to award, promoting to the Councils Contract Register, and the uploading of executed contracts must be undertaken on the London Tenders Portal including future management of the contract.

All awarded projects must be promoted to Contracts Finder to comply with the Government's transparency requirements.

The LGFL is a not-for-profit jointly owned company/consortium which provides IT networking services to schools and local authorities in all 33 Boroughs. The LGFL which is jointly owned by its members was developed to provide London Boroughs with IT services for an affordable price. This is a compliant framework and represents value for money.

4.5   HR Implications

None

4.6   ICT Implications

Covered above.

5.   ALTERNATIVE OPTIONS CONSIDERED

The following options have been considered:

5.1 Do nothing

We will keep using extremely old network hardware at high risk off failure, security leaks and reduced capability.

5.2 Go to tender for an alternative network supplier

This option has been rejected as we will realise best value by making use of existing LGFL services. Other suppliers are not able to provide the same options and the same opportunity to share services with other public sector organisations.

6. REASONS FOR RECOMMENDATIONS

Proceeding with this proposal will mitigate security risk and provide an enhanced network infrastructure that is fully supported and provide the latest technical network advantages as well as following an industrial standard that makes it easier to support.

7. KEY RISKS

The risks of proceeding with the recommendations in this report are as follows:

- Timescales/Costs: Other organisations may challenge the procurement process since we were previously engaging multiple providers to deliver the service. Mitigation: This procurement process is supported by Corporate Procurement.

- Out of date: That the technology or business requirements change during the contract. Mitigation: That the provider will maintain technology**.**

8. IMPACT ON COUNCIL PRIORITIES

8.1 Good homes in well-connected neighbourhoods

- The new network will support delivery of all ICT services which in turn support all the council priorities

8.2 Sustain strong and healthy communities

- The new network will support delivery of all ICT services which in turn support all the council priorities

8.3 Build our local economy to create a thriving place

- The new network will support delivery of all ICT services which in turn support all the council priorities

9   **EQUALITIES IMPACT IMPLICATIONS**

N/A

10. **PERFORMANCE MANAGEMENT IMPLICATIONS**

Key Performance Indicators in line with existing service provision, supporting the current ICT KPI's. There are no new implications as this a continuation of service.

11. **HEALTH AND SAFETY IMPLICATIONS**
N/A.

12. **HUMAN RESOURCES IMPLICATIONS**
N/A.

13. **PUBLIC HEALTH IMPLICATIONS**
N/A

Background Papers
N/A.