

Purchase of network switches for UTMC traffic signalling and CCTV sites.

Date: 7 August 2023

Report of: Strategy and Resources, IDS

Report to: Chief Digital Information Officer

Will the decision be open for call in? Yes No

Does the report contain confidential or exempt information? Yes No

Brief summary

This report seeks approval to purchase network switches up to a total cost of £200k and requests permission to use the internal framework contract 'Supply and Delivery of Electronic Security Equipment' (D54509) awarded by Leeds Building Services.

Recommendations

The Chief Digital Information Officer is requested to note the contents of this report and:

- a) Approve the spend of up to £200k on the 'Supply and Delivery of Electronic Security Equipment' contract (D54509)

What is this report about?

- 1 IDS/UTMC are undertaking a project with BT (British Telecommunication) to upgrade the network communication services to 206 traffic control sites on the highway.
- 2 The network upgrade requires approximately 300 network switches for installation to street furniture at sites on the highway.
- 3 The network switches should have the ability to withstand extreme low and high temperatures due to the exposed environment at their installation site.
- 4 A suitable framework contract awarded to security suppliers by Leeds Building Services and mini-competition call of method has been identified which can supply the switches, this report seeks approval to spend up to a value of £200k and to use the framework contract and call of method.

What impact will this proposal have?

- 5 In order to facilitate the communication services the installation of approximately 300 network switches are required that will be installed to street furniture at sites on the highway.
- 6 The required network switches should have the ability to withstand extreme low and high temperatures due to the exposed environment at their installation sites.
- 7 Approval of this report will allow IDS/UTMC to purchase approximately 300 network switches with a total estimated value of £200k from best value supplier on framework contract D54509 for.
- 8 Purchase of the network switches is a dependency for the success of the IDS/UTMC network communication upgrade project.

How does this proposal impact the three pillars of the Best City Ambition?

Health and Wellbeing Inclusive Growth Zero Carbon

- 9 Health and Wellbeing increased by better utilisation of walking and cycling routes
- 10 Inclusive growth, prioritising busses and improving public transport
- 11 Reducing carbon emissions by reducing traffic congestion and vehicle journey times
- 12 Promotes transport safety and reliability by reducing the risk of service disruption to transport infrastructure.

What consultation and engagement has taken place?

Wards affected:

Have ward members been consulted? Yes No

- 13 No consultation has taken place.

What are the resource implications?

- 14 UTMC have a budget available for the purchase of the network switches
- 15 IDS/UTMC staff currently support an ADSL network approaching obsolescence which represents a significant staff resource. The communication upgrade project will improve reliability and place its management and support with BT.

What are the key risks and how are they being managed?

- 16 There are no risks related to the approval of this report
- 17 Failure to approve this report will prevent the use of framework contract D54509 and the purchase of the required switches. This will subsequently impact the IDS/UTMC and BT communication upgrade project.
- 18 UTMC communications enable traffic signal junctions and pedestrian crossings to be controlled and monitored. Any impact on the communications upgrade project will have negative consequences for the ability of the UTMC service to manage the network. Telecoms for UTMC is critical for intervention in the event of incidents and provision of strategically important services such as bus priority. Furthermore, a lack of monitoring increases the response time to

equipment failures, thereby increasing exposure of road users to any associated safety risk. Maintenance costs will also increase as faults cannot be interrogated prior to engineers visiting site. Delays to the telecommunications project therefore present a significant reputation risk to the Council.

What are the legal implications?

- 19 As a significant operational decision this report is not subject to Call In. There are no grounds for treating the contents of this report as confidential with the Council's Access to Information Rules.
- 20 The total value of the contract is expected to be below the CPR 10 Goods value threshold.

Options, timescales and measuring success

What other options were considered?

- 21 Consideration was given to a tender in the open market. As an existing framework is available this was discounted due to the increase timeline and resource effort.
- 22 Alternative framework contractors were investigated. None were found that represented best value.

How will success be measured?

- 23 Network switches will be sourced and delivered on time and in budget.

What is the timetable and who will be responsible for implementation?

- 24 IDS/UTMC project team are responsible.
- 25 Orders should be placed for network switches prior to 31st August 2023

Appendices

- None

Background papers

- None