

United Kingdom-Uxbridge: Wireless Application Protocol (WAP) services
OJ S 176/2014 13/09/2014
Contract award notice
Supplies

Directive 2004/18/EC

Section I: Contracting authority

I.1. Name and addresses

Official name: The Hillingdon Hospitals NHS Foundation Trust
National registration number: RAS
Postal address: The Hillingdon Hospitals NHS Foundation Trust, Pield Heath Road
Town: Uxbridge
Postal code: UB8 3NN
Country: United Kingdom
For the attention of: Andy Carrey
E-mail: andy.carrey@thh.nhs.uk
Telephone: +44 1895279896
Fax: +44 1895279434
Internet address(es):
General address of the contracting authority: www.thh.nhs.uk
Address of the buyer profile: <http://thh.g2b.info/>

I.2. Type of the contracting authority

Body governed by public law

I.3. Main activity

I.4. Contract award on behalf of other contracting authorities

The contracting authority is purchasing on behalf of other contracting authorities: no

Section II: Object of the contract

II.1. Description

II.1.1. Title

Wireless Network Infrastructure.

II.1.2. Type of contract and place of performance or delivery

Supplies
Purchase
NUTS code UKI23 Outer London - West and North West

II.1.3. Information about a framework agreement or a dynamic purchasing system (DPS)

II.1.4. Short description of the contract or purchase(s)

Wireless Application Protocol (WAP) services. The Hillingdon Hospital NHS Foundation Trust is seeking a partner through whom we will procure a Wireless Network Infrastructure. The wireless network installation will take place in two stages:
Stage 1 — Upgrade/replacement of the existing NAC system.
Stage2 — Installation of a Wireless LAN Infrastructure.

Any proposed solution is required to integrate with the existing network infrastructure. A detailed breakdown of the configuration will be provided at the next stage of the tender process following a site wide survey currently being undertaken by the Trust. However an outline of the existing infrastructure is:

Collapsed core network design using Cisco 6509-E core switches.

Fully switched LAN over 2 sites using a mixture of the following models of access layer switches:

Cisco 3750-X

Cisco 3750

Cisco 3750G

Cisco 3560

Cisco2960G

EIGRP Routing at the networks core (to be replaced as part of this procurement).

Out-of-band IPS monitoring of LAN traffic with Cisco IDSM-2 blades.

Solar Winds Orion network management system.

NAC System Upgrade.

The Trust is currently using Cisco NAC version 4.7.2. In light of the expansion to the network the decision has been made to replace this system with a solution able to manage connections from the wired and wireless LAN's.

The current deployment of the NAC system is as follows:

- 2x NAC Managers at Hillingdon Hospital
- 2x NAC servers at Hillingdon Hospital (1 500 users licensed)
- 2x NAC Servers at Mount Vernon Hospital (500 users licensed)
- 1x NAC Server for VPN connections (in-line, 100 users licensed)

The NAC replacement must meet the following requirements:

- A single platform for management of devices connecting to the wired and wireless networks.
- Full resiliency to all services.
- Ability to profile connected devices and enable/restrict access based on these results.
- Ability to confirm up-to-date operating system and anti-virus software exists on a device and enable/restrict access based on compliance.
- Ability to produce alerts and reports on connection activity.
- Ability to act as an AAA server using RADUIS or TACACS+
- Sufficient resources to manage connections (approximately 30 users) at a third site connected via Layer 3 links to Hillingdon and Mount Vernon Hospitals.
- Allow for expansion in terms of capacity and licensing as the network grows.

Wireless Network Requirements

The Hillingdon Hospital NHS Foundation Trust has commissioned a survey to determine the optimum placement for wireless access points. This piece of work is currently in progress and the resulting report will be disclosed to short-listed applicants in the next round of the tender process.

The main driver for the network is to provide wireless access for devices inside the Trust. The provision of devices is not yet decided however it is likely that the following uses/device types will be enabled in the next 3 years:

- Computers on Wheels — These will require access to thick and traffic-heavy applications such as PACS
- Ipad/android tablets — for clinical use. Generally less traffic intensive applications
- Mobile devices — a range of devices attaching to a guest network for web based services
- Location based tracking
- CCTV cameras and video recording equipment
- Location based tracking services

The wireless solution proposed is expected to meet the following technical specification as a minimum:

- Compliant with the 802.11n wireless networking standard with future detailed options and requirements for upgrading to 802.11ac.
- Compliant with the 802.3af and 802.3at PoE standards. 802.3at is available at most Hillingdon Hospital data cabinets where Mount Vernon Hospital is mostly fitted with 802.3af capable switches.
- Restricted to layer 3 traffic only between sites.
- Capable of supporting location based tracking, either directly or by feeding data into a partnered system.
- Offer provision for identifying, monitoring and managing threats to the wireless network.
- Capable of operating on the 2.5ghz and 5ghz RF spectrums
- Flexibility to expand and meet growing demands of the organisation.

Following this Expression of Interest stage, a formal, documented Pre-Qualification (PQQ) process will be undertaken. Potential suppliers are advised that as part of this PQQ they will be required to submit details of the functions within the solution they would envisage being used should they be taken beyond the PQQ stage. These will include but not limited to:

- Management of the network.
- Features for the management of wireless key distribution and user access control.
- Features available to secure the wireless network against threats.
- Scalability for future developments and possible expansion.
- Resilience/fault tolerances measures built into the design.
- Connection authenticated with suitable Audit and accounting facilities within the system.

The Trust advise readers that detail contained herein are advisory only. Much greater detail will be issued to those organisations taken through by means of an Invitation to Tender phase (ITT) following the outcome of an already commissioned site survey and discussion with potential partners identified post PQQ. Please note that inasmuch as this is a re-advertised opportunity, all potential providers identified as part of the previous exercise ARE required to re-register their interest.

With the support and advice of the selected partner, potential providers should also note that the implementation of the Wireless Network Infrastructure must be complete in sufficient time to enable a Stage 2 roll-out on or before 18.8.2014 — potential providers who cannot meet this time-line should not apply.

II.1.5. CPV code(s)

64212400 Wireless Application Protocol (WAP) services

II.1.6. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: no

II.2. Total value of the contract/lot

II.2.1. Total value of the contract/lot

Section IV: Procedure

IV.1. Type of procedure

IV.1.1. Type of procedure

competitive dialogue

IV.2. Award criteria

IV.2.1. Award criteria

The most economically advantageous tender in terms of

1. As published within the ITT. Weighting 100

IV.2.2. Information about electronic auction

An electronic auction has been used: no

IV.3. Administrative information

IV.3.1. File reference number attributed by the contracting authority

T/Hill/128

IV.3.2. Previous publication concerning this procedure

Simplified contract notice on a dynamic purchasing system

Notice number in the OJ S: [2014/S 5-004670](#) of 8.1.2014

Section V: Award of contract

Contract No: T/Hill/128A

V.1. Date of conclusion of the contract

14.7.2014

V.2. Information about tenders

Number of tenders received: 8

Number of tenders received by electronic means: 8

V.3. Name and address of the contractor

Official name: European Electronique Ltd

Postal address: Forward House, Oakfield Industrial Estate

Town: Eynsham

Postal code: OX29 4TT

Country: United Kingdom

Telephone: +44 1865883300

Fax: +44 1865883371

Internet address: www.euroele.com

V.4. Information on value of the contract/lot

Total value of the procurement:

Value: 341 036 GBP

excluding VAT

V.5. Information about subcontracting

The contract is likely to be subcontracted: no

Section VI: Complementary information

VI.1. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds:

no

VI.2. Additional information

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=112506828>

VI.3. Procedures for review

VI.3.1. Review body

Official name: The Hillingdon Hospitals NHS Foundation Trust

Postal address: The Furze

Town: Uxbridge

Postal code: UB8 3NN

Country: United Kingdom

Telephone: +44 1895279896

Body responsible for mediation procedures

Official name: The Hillingdon Hospitals NHS Foundation Trust

Postal address: The Furze

Town: Uxbridge

Postal code: UB8 3NN

Country: United Kingdom

Telephone: +44 1895279896

VI.3.2. Review procedure

VI.3.3. Service from which information about the review procedure may be obtained

Official name: The Hillingdon Hospitals NHS Foundation Trust

Postal address: The Furze

Town: Uxbridge

Postal code: UB8 3NN

Country: United Kingdom

Telephone: +44 1895279896

VI.4. Date of dispatch of this notice

10.9.2014