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Planning

## **E-Rostering System**

NHS Wales Shared Services Partnership-Procurement Services (hosted by Velindre University NHS Trust)

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-009321

Procurement identifier (OCID): ocds-h6vhtk-032b04

Published 7 April 2022, 8:52am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

NHS Wales Shared Services Partnership-Procurement Services (hosted by Velindre University NHS Trust)

Procurement Services, Cardiff and Vale University Local Health Board, Woodlands House, 2nd Floor, Maes-Y-Coed Road

Cardiff

CF14 4HH

#### **Contact**

Emma Lane

#### **Email**

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#### **Telephone**

+44 02921836450

**Country**

United Kingdom

**NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

<http://nwssp.nhs.wales/ourservices/procurement-services/>

Buyer's address

[https://www.sell2wales.gov.wales/search/Search\\_AuthProfile.aspx?ID=AA0221](https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0221)

**I.2) Information about joint procurement**

The contract is awarded by a central purchasing body

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Health

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

E-Rostering System

#### **II.1.2) Main CPV code**

- 72222200 - Information systems or technology planning services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

NHS Wales Shared Services Partnership (NWSSP), hosted by Velindre NHS Trust are acting on behalf of Cardiff and Vale University Local Health Board in issuing this Prior Information Notice (PIN).

The Health Board's Workforce team have a vision of an aligned medical and dental workforce to the right place, at right time to deliver the best quality service for the patients in the most cost effective manner. In order to achieve this vision, there is an aim to support capacity and demand planning of medical workforce through live staff level data which will provide a transparent picture of the Health Board's real time medical capacity.

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 72222200 - Information systems or technology planning services

#### **II.2.3) Place of performance**

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

#### **II.2.4) Description of the procurement**

The Health Board require a Medical and Dental Workforce E-Rostering System that can sustain the size of the Health Board and provides the following key criteria/functions;

- allows live Health Board wide coordination of the workforce and real time changes to rota
  - roster for both junior and senior clinicians
  - allows rota of all on-calls, post on-call, ward cover and hot weeks
  - flexible system that can include outpatients, theatres and other elective activity
  - simple to complete
  - allows for record swaps (either via a coordinator or directly by clinicians)
  - direct click through to contact details for the clinicians so that they can be called on their mobile and other devices
  - able to book all types of leave and able to highlight potential clashes or lack of cover in advance
  - incorporates rules including WTD, excessive hours, shifts patterns etc.
  - links with entire workforce which includes substantive to bank workforce
  - dedicated app
  - Links to internal system for example, Electronic Staff Record (ESR)
- interacts with job plans on external systems that are utilised by the Health Board
- interacts with claim forms for extra shifts
  - capacity to access hospital pathways or interoperability with a hospital pathways app
  - access to Health Board wide rota
  - cloud based system accessible on both PC as well as ipad
  - reports are included or configurable to extract data to provide KPI's.
  - ability to configure different user accounts/profiles and levels of access/roles

- potential ability for the rostering system to use AI and current algorithmic technology to 'auto design' rotas based on pre-set departmental or organisations principles with minimal human intervention or manipulation with the ability for automated rostering requests and swap processing."

- Open source format API for example, the ability to link in with existing and future IT interfaces particularly the NDR (National Data Resource) which would enable future workforce and healthcare research and digital improvement.

It should also be noted that the Health Board must maintain full control over all data inputted into any rostering system in light of GDPR considerations and restrictions will be required on the ability of any provider to use rota and personal data or the sharing of such data with third parties.

#### **II.2.14) Additional information**

Any interested parties should email Emma Lane, Senior Procurement Business Manager with their contact details and a short description of their system model.

Further details on the project will then follow.

#### **II.3) Estimated date of publication of contract notice**

1 June 2022

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### **Section IV. Procedure**

#### **IV.1) Description**

##### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

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### **Section VI. Complementary information**

#### **VI.3) Additional information**

(WA Ref:120363)