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Planning

Purchase of Portable Human MRI System

Cardiff University

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-036461

Procurement identifier (OCID): ocds-h6vhtk-04b58f

Published 11 November 2024, 3:45pm

Section I: Contracting authority

I.1) Name and addresses

Cardiff University

Procurement Services, McKenzie House, 30-36 Newport Road

Cardiff

CF24 0DE

Email

rogalaa@cardiff.ac.uk

Telephone

+44 2920879648

Country

United Kingdom

NUTS code

UKL - Wales

Internet address(es)

Main address

<http://www.cardiff.ac.uk/business/why-work-with-us/for-suppliers>

Buyer's address

https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0258

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

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Purchase of Portable Human MRI System

II.1.2) Main CPV code

- 33100000 - Medical equipments

II.1.3) Type of contract

Supplies

II.1.4) Short description

Cardiff University is currently exploring the acquisition of a Portable Human MRI System. Our comprehensive market research indicates that there is only one supplier available for this specific technology. In light of this, we are issuing this Prior Information Notice (PIN) to invite expressions of interest from any suppliers who believe they can also meet our requirements.

We encourage interested parties to submit their expressions of interest by emailing rogalaa@cardiff.ac.uk no later than Monday, November 25, 2024. In the event that we do not receive any responses, the contract will be awarded directly in accordance with Regulation 32.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 33100000 - Medical equipments

II.2.3) Place of performance

NUTS codes

- UKL - Wales

II.2.4) Description of the procurement

Cardiff University is currently exploring the acquisition of a Portable Human MRI System. Our comprehensive market research indicates that there is only one supplier available for this specific technology. In light of this, we are issuing this Prior Information Notice (PIN) to invite expressions of interest from any suppliers who believe they can meet our requirements.

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not receive any responses, the contract will be awarded directly in accordance with Regulation 32.

Requirements:

Portable human MRI system operating at very low field strength 40, and suitable for imaging the brain in vivo.

The system should use permanent magnets and must be modular in hardware (i.e. individual parts can be replaced with customised components, but it should come complete of gradients and an RF head coil).

The code for running MRI sequences should be open source and freely available (i.e. users must be able to program any acquisition system, not just modify parameters of available ones).

No external cooling should be required and it should be powered by a standard single-phase electricity supply.

K-space and complex imaging data need to be exportable.

- Target anatomy Head
- Field strength (B0): between 40 and 80 mT.
- Field homogeneity (over 20 cm DSV): Less than 1000 ppm.
- Max gradient strength on each channel simultaneously: Greater than 25 mT/m.
- Max gradient strength on each channel simultaneously
- Number of Rx Channels 8 or more
- Hardware Modular and customisable
- Software (acquisition) Open source
- Software (reconstruction) Open source

II.3) Estimated date of publication of contract notice

31 January 2025

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

Section VI. Complementary information

VI.3) Additional information

(WA Ref:145907)