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Tender

WHOLE-BODY FAST FIELD-CYCLING MAGNET, GRADIENT AND SHIM ASSEMBLY, WITH THE CORRESPONDING CURRENT AMPLIFIERS

University of Aberdeen

F02: Contract notice

Notice identifier: 2021/S 000-002960

Procurement identifier (OCID): ocds-h6vhtk-0292f7

Published 12 February 2021, 4:32pm

Section I: Contracting authority

I.1) Name and addresses

University of Aberdeen

University Office, King's College

Aberdeen

AB24 3FX

Email

e-sourcing@abdn.ac.uk

Country

United Kingdom

NUTS code

UKM50 - Aberdeen City and Aberdeenshire

Internet address(es)

Main address

<http://www.abdn.ac.uk/procurement>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00102

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

www.publictendersscotland.publiccontractsscotland.gov.uk

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

www.publictendersscotland.publiccontractsscotland.gov.uk

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

www.publictendersscotland.publiccontractsscotland.gov.uk

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

WHOLE-BODY FAST FIELD-CYCLING MAGNET, GRADIENT AND SHIM ASSEMBLY, WITH THE CORRESPONDING CURRENT AMPLIFIERS

Reference number

AU20/31

II.1.2) Main CPV code

- 33100000 - Medical equipments

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University of Aberdeen is leading the research and development efforts of Fast Field-Cycling imaging (FFC imaging). This is a new technology that derives from MRI but allows controlling the main magnetic field, contrary to conventional scanners that operate at a fixed magnetic field strength. To achieve such a level of control the main magnet must be carefully designed to exhibit a low inductance so that it can be driven to alter its field strength within 10 to 20 ms (ramp time), using gradient-type power supplies.

II.1.6) Information about lots

This contract is divided into lots: Yes

Tenders may be submitted for all lots

II.2) Description

II.2.1) Title

Main Magnet, Gradient coils, Shim Correction coils and Environmental Correction coils

Lot No

1

II.2.2) Additional CPV code(s)

- 33100000 - Medical equipments

II.2.3) Place of performance

NUTS codes

- UKM50 - Aberdeen City and Aberdeenshire

II.2.4) Description of the procurement

A whole-body electromagnet, a three-axis gradient system, a set of correction coils ('shims') to improve the homogeneity of the main magnet, and a set of environmental correction coils to compensate for external magnetic fields (including Earth's field).

Further detail available in Invitation To Tender documentation.

II.2.5) Award criteria

Quality criterion - Name: Communication During Equipment Manufacture / Weighting: 5

Quality criterion - Name: Ability To Service Equipment and Technical Support / Weighting: 10

Quality criterion - Name: Performance and Technical Merit of Equipment / Weighting: 47

Quality criterion - Name: Documentation / Weighting: 8

Price - Weighting: 30

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

12

This contract is subject to renewal

Yes

Description of renewals

Possible maintenance contract extensions

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Power Supplies and current amplifier for the Main Magnet system

Lot No

2

II.2.2) Additional CPV code(s)

- 33100000 - Medical equipments

II.2.3) Place of performance

NUTS codes

- UKM50 - Aberdeen City and Aberdeenshire

II.2.4) Description of the procurement

Three power current amplifiers that will each drive one segment of the main magnet. It is important to consider that the three magnet segments are tightly coupled and act as 1:1 transformers.

Further detail in the Invitation To Tender Documentation.

II.2.5) Award criteria

Quality criterion - Name: Performance and Technical Merit of Equipment / Weighting: 45

Quality criterion - Name: Communication During Equipment Manufacture / Weighting: 5

Quality criterion - Name: Documentation and Training / Weighting: 10

Quality criterion - Name: Ability To Service Equipment and Technical Support / Weighting: 10

Price - Weighting: 30

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

12

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Current amplifiers for the Gradient system

Lot No

3

II.2.2) Additional CPV code(s)

- 33100000 - Medical equipments

II.2.3) Place of performance

NUTS codes

- UKM50 - Aberdeen City and Aberdeenshire

II.2.4) Description of the procurement

Three current amplifiers that will each drive one of the gradient coils from Lot Number 1

Further detail available in the Invitation To Tender documentation.

II.2.5) Award criteria

Quality criterion - Name: Performance and Technical Merit of Equipment / Weighting: 45

Quality criterion - Name: Communication During Equipment Manufacture / Weighting: 5

Quality criterion - Name: Documentation and Training / Weighting: 10

Quality criterion - Name: Ability To Service Equipment and Technical Support / Weighting: 10

Price - Weighting: 30

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

12

This contract is subject to renewal

Yes

Description of renewals

Possible extensions to maintenance contract

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

15 March 2021

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.7) Conditions for opening of tenders

Date

15 March 2021

Local time

12:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3) Additional information

The buyer is using PCS-Tender to conduct this ITT exercise. The Project code is 17999.
For more information see:

<http://www.publiccontractsscotland.gov.uk/info/InfoCentre.aspx?ID=2343>

(SC Ref:643962)

VI.4) Procedures for review

VI.4.1) Review body

Aberdeen Sheriff Court

Aberdeen

Country

United Kingdom