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Tender

## **UKRI-2453 ISIS Linear Accelerator – RF Amplifier**

UK Research & Innovation

F02: Contract notice

Notice identifier: 2022/S 000-035198

Procurement identifier (OCID): ocds-h6vhtk-038cf0

Published 13 December 2022, 12:05pm

The closing date and time has been changed to:

**17 February 2023, 2:00pm**

See the [change notice](#).

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

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

UK Research & Innovation

<https://www.ukri.org/>, North Star Avenue

Swindon

SN2 1FL

#### **Contact**

Elizabeth Gage

#### **Email**

[Elizabeth.Gage@ukri.org](mailto:Elizabeth.Gage@ukri.org)

**Telephone**

+44 7563420665

**Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://www.ukri.org/>

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

The contract is awarded by a central purchasing body

**I.3) Communication**

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

<https://ukri.delta-esourcing.com/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted to the above-mentioned address

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

Body governed by public law

**I.5) Main activity**

Other activity

Research

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## **Section II: Object**

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

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

UKRI-2453 ISIS Linear Accelerator – RF Amplifier

Reference number

UKRI-2453

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

- 32343000 - Amplifiers

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

Supplies

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

ISIS, sited at the Rutherford Appleton Laboratory (RAL), is the world's most productive pulsed neutron source. Intense bursts of neutrons are produced at 20mS intervals when a heavy metal target is bombarded by a high-energy (800 MeV) proton beam from a synchrotron accelerator releasing neutrons by the process of spallation.

#### **II.1.5) Estimated total value**

Value excluding VAT: £1,250,000

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

This contract is divided into lots: No

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

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

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

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

It is a RF Amplifier requirement for the linear accelerator that is the subject of this tender exercise.

The final amplifier in the current Linear Accelerator systems uses a thermionic triode valve (tube) that is coming to the end of its production life and a replacement for the amplifier is required to ensure continued operation of the facility. The existing amplifier is operated at ~2 MW full output, but due to recent development work the facility is now able to operate with a lower peak power of an estimated 1.6 MW maximum on two of the systems, the remaining two systems still requiring ~2 MW.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £1,250,000

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

Duration in months

60

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

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## **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: No

### **IV.2) Administrative information**

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

Originally published as:

Date

20 January 2023

Local time

2:00pm

Changed to:

Date

17 February 2023

Local time

2:00pm

See the [change notice](#).

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

English

#### **IV.2.7) Conditions for opening of tenders**

Date

20 January 2023

Local time

3:00pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic invoicing will be accepted

Electronic payment will be used

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

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://ukri.delta-esourcing.com/tenders/UK-UK-Swindon:-Amplifiers./4G3379A593>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/4G3379A593>

GO Reference: GO-20221213-PRO-21726751

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

UK Research and Innovation

<https://www.ukri.org/>, North Star Avenue

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SN2 1FL

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