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Tender

## **UKRI-2286 Solid State RF Amplifiers**

UK Research and Innovation

F02: Contract notice

Notice identifier: 2022/S 000-018200

Procurement identifier (OCID): ocds-h6vhtk-034dc0

Published 4 July 2022, 4:05pm

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

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

UK Research and Innovation

Polaris House,, North Star Avenue

Swindon

SN2 1FL

#### **Email**

[commercial@ukri.org](mailto:commercial@ukri.org)

#### **Telephone**

+44 1793442000

#### **Country**

United Kingdom

#### **NUTS code**

UKK14 - Swindon

**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://www.delta-esourcing.com/tenders/UK-UK-Swindon:-Amplifiers./37Z896FQN2>

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 and innovation

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**Section II: Object**

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

**II.1.1) Title**

UKRI-2286 Solid State RF Amplifiers

Reference number

UKRI-2286

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

- 32343000 - Amplifiers

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

Supplies

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

Introduction of a Medium Energy Beam Transport (MEBT) section between the existing Radio Frequency Quadrupole (RFQ) and Tank 1, utilising four resonant cavities along with quadrupole magnets, will permit a more efficient use of the available beam current in the linear accelerator.

Options are requested to be presented for RF amplifiers using a solid state based approach to drive the four resonant cavities, plus one spare: a total of five (5) amplifiers are required. We are seeking a solution that provides a high level of reliability, maintainability and compatibility.

Capabilities requested within this specification are chosen to also accommodate potential future requirements.

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

Value excluding VAT: £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

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

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

Introduction of a Medium Energy Beam Transport (MEBT) section between the existing Radio Frequency Quadrupole (RFQ) and Tank 1, utilising four resonant cavities along with quadrupole magnets, will permit a more efficient use of the available beam current in the linear accelerator.

Options are requested to be presented for RF amplifiers using a solid state based approach to drive the four resonant cavities, plus one spare: a total of five (5) amplifiers are required. We are seeking a solution that provides a high level of reliability, maintainability and compatibility.

Capabilities requested within this specification are chosen to also accommodate potential future requirements.

#### **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: £250,000

#### **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

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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: Yes

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

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

Date

10 August 2022

Local time

2:00pm

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

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

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

Date

10 August 2022

Local time

3:00pm

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **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./37Z896FQN2>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/37Z896FQN2>

GO Reference: GO-202274-PRO-20546373

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

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

UK Research and Innovation

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

Swindon

SN2 1FL

Email

[commercial@ukri.org](mailto:commercial@ukri.org)

Country

United Kingdom

Internet address

<https://www.ukri.org>

**VI.4.2) Body responsible for mediation procedures**

UK Research and Innovation

Polaris House,, North Star Avenue

Swindon

SN2 1FL

Email

[commercial@ukri.org](mailto:commercial@ukri.org)

Country

United Kingdom

Internet address

<https://www.ukri.org>