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Tender

UKRI-1986 Manufacturing Requirements Specification for the PIP-II Jacketed High-? 650 MHz cavity

UK Research and Innovation

F02: Contract notice

Notice identifier: 2022/S 000-011212

Procurement identifier (OCID): ocds-h6vhtk-033269

Published 29 April 2022, 4:05pm

Section I: Contracting authority

I.1) Name and addresses

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Contact

Declan Ward

Email

commercial@ukri.org

Telephone

+44 1235446553

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:-Linear-accelerators./32WE3V3P2P>

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

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UKRI-1986 Manufacturing Requirements Specification for the PIP-II Jacketed High-? 650 MHz cavity

Reference number

UKRI-1986

II.1.2) Main CPV code

- 31643100 - Linear accelerators

II.1.3) Type of contract

Supplies

II.1.4) Short description

This procurement covers the manufacturing, treatment and testing of 2 pre-series and 18 series production jacketed 650 MHz SRF cavities for the high-? section of the proton LINAC for the Proton Improvement Plan II (PIP-II) at Fermi National Accelerator Laboratory (FNAL) in the USA. UKRI-STFC Daresbury Laboratory (UKRI-STFC) is working in partnership with Fermi National Accelerator Laboratory (FNAL) for the cavities' design and fabrication.

The Purchase Order will be owned and managed by UKRI-STFC. FNAL personnel shall act as technical consultants upon UKRI-STFC request.

II.1.5) Estimated total value

Value excluding VAT: £4,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 45262425 - Jacket-fabrication work

II.2.3) Place of performance

NUTS codes

- UKD61 - Warrington

Main site or place of performance

Warrington

II.2.4) Description of the procurement

This contract is to deliver 20 (18 series and 2 pre-series), 650 MHz HB superconducting elliptical cavities to UKRI-STFC Daresbury Laboratory, Warrington, UK. The Contractor is to fabricate, assemble, treat, factory QC test, and transport these cavities in accordance with the details of this specification and provided drawings. The pre-series cavities are to be first delivered without helium tanks (bare) for the cold RF test and first-stage manufacturing acceptance. The cavities will be returned to the Contractor for jacketing, then delivered to UKRI-STFC for the cold RF test and final-stage manufacturing acceptance. The 18 series cavities are to be delivered to UKRI-STFC jacketed and ready for the cold test.

The Contractor must furnish all required labour, materials, tooling, and equipment other than those explicitly listed to be supplied by UKRI-STFC (Section 6.1). Prior to the start of the fabrication, the Contractor is to provide detailed manufacturing documentation for UKRI-STFC's approval. At all stages of manufacture, the Contractor must provide QC documentation of all sub-components and parts, their preparation and any testing performed to ensure manufacturing compliance to specification. The goods are to be covered by a full manufacturing warranty for 24 months from the date of delivery to UKRI-STFC premises, or partner.

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: £4,000,000

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

Start date

4 July 2022

End date

3 July 2024

This contract is subject to renewal

Yes

Description of renewals

12 month extension period

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.2.14) Additional information

To respond to this opportunity please click here: <https://ukri.delta-esourcing.com/respond/32WE3V3P2P>

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

III.1.3) Technical and professional ability

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

8 June 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

8 June 2022

Local time

2:00pm

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 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:-Linear-accelerators./32WE3V3P2P>

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GO Reference: GO-2022429-PRO-20058041

VI.4) Procedures for review

VI.4.1) Review body

UK Research and Innovation

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Country

United Kingdom

Internet address

<https://www.ukri.org>