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Tender

UKRI-3147 Procurement of Helium Compressor for LBNF Target

UK Research & Innovation

F02: Contract notice

Notice identifier: 2024/S 000-008077

Procurement identifier (OCID): ocids-h6vhtk-044840

Published 13 March 2024, 4:05pm

Section I: Contracting authority

I.1) Name and addresses

UK Research & Innovation

Polaris House,, North Star Avenue

Swindon

SN2 1FL

Email

commercial@ukri.org

Telephone

+44 1793442000

Country

United Kingdom

Region 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:-Gas-compressors./6F923MRX95>

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-3147 Procurement of Helium Compressor for LBNF Target

Reference number

UKRI-3147

II.1.2) Main CPV code

- 42123100 - Gas compressors

II.1.3) Type of contract

Supplies

II.1.4) Short description

The compressor will be used in a closed-loop circuit to circulate helium gas at warm (non-cryogenic) temperatures. The helium is used to remove the c.25 kW heat load generated in a graphite target in the Long Baseline Neutrino Facility (LBNF) beamline at Fermilab, near Chicago. The target is required to convert a 1.2MW proton beam into a neutrino beam for the physics experiment DUNE.

The delivery of a suitable compressor to Fermilab, along with other key helium circuit components outside the scope of this document, forms part of UKRI's Capital contribution-in-kind to the international DUNE collaboration.

II.1.5) Estimated total value

Value excluding VAT: £230,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 24111300 - Helium

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

II.2.4) Description of the procurement

The compressor will be used in a closed-loop circuit to circulate helium gas at warm (non-cryogenic) temperatures. The helium is used to remove the c.25 kW heat load generated in a graphite target in the Long Baseline Neutrino Facility (LBNF) beamline at Fermilab, near Chicago. The target is required to convert a 1.2MW proton beam into a neutrino beam for the physics experiment DUNE.

The delivery of a suitable compressor to Fermilab, along with other key helium circuit components outside the scope of this document, forms part of UKRIs Capital contribution-in-kind to the international DUNE collaboration.

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: £230,000

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

Duration in months

18

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.2.14) Additional information

To respond to this opportunity please click here: <https://ukri.delta-sourcing.com/respond/6F923MRX95>

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

26 April 2024

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

26 April 2024

Local time

2:00pm

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:-Gas-compressors./6F923MRX95>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/6F923MRX95>

GO Reference: GO-2024313-PRO-25489313

VI.4) Procedures for review

VI.4.1) Review body

UK Research and Innovation

Polaris House,, North Star Avenue

Swindon

SN2 1FL

Email

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

Country

United Kingdom

Internet address

<https://www.ukri.org>