

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/008077-2024>

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](mailto: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](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>