

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/016875-2023>

Tender

## **UKRI-2649 NSTF Direct Field Acoustic Noise Facility**

UK Research and Innovation

F02: Contract notice

Notice identifier: 2023/S 000-016875

Procurement identifier (OCID): ocds-h6vhtk-034998

Published 14 June 2023, 2:05pm

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

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

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 2FL

#### **Email**

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

#### **Telephone**

+44 1793442000

#### **Country**

United Kingdom

#### **Region code**

UKK14 - Swindon

**Internet address(es)**

Main address

[www.ukri.org](http://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:-Acoustic-devices./34G4AY7H9W>

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

Government research and innovation

---

## **Section II: Object**

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

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

UKRI-2649 NSTF Direct Field Acoustic Noise Facility

Reference number

UKRI-2649

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

- 32342400 - Acoustic devices

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

Supplies

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

This procurement describes the activities to be executed and deliverables required by STFC in relation to the definition, supply, and commissioning of a Direct Field Acoustic Noise (DFAN) system. This system will be used to test satellites and large sub-assemblies in the National Satellite Test Facility. An acoustic test system is required for the NSTF to permit the testing of any spacecraft up to 7000kg and to fit inside a 4.6m fairing to the levels and durations required by all the currently available launch systems. To achieve this, RAL Space intends to purchase a system using the latest commercially available DFAN technology to provide a uniform diffuse sound field to test their customer's satellites and large sub-assemblies. The use of DFAN technology gives the opportunity to reconfigure the system, add capacity when needed, and be open to future control upgrades and more flight representative test methods.

Please refer to the eSourcing link to access all tender documents.

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

Value excluding VAT: £3,900,000

#### **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**

The core requirement is estimated at £2,500,000.00 GBP to £3,300,000.00 GBP (excluding VAT). The options, that UKRI may choose to procure at a later date, are estimated of up to £600,000.00 GBP (excluding VAT), makes the total potential spend via a contract to be up to £3,900,000.00 GBP (excluding VAT).

The price shall include delivery of all applicable hardware (within 12 months), software (within 12 months), software licences (for 5 years) and spares to ensure uninterrupted running of the system (for 5 years).

Unlike the other major NSTF test facilities this system is not permanently installed, and the configuration can be changed to suit each test campaign. Major development of hardware and software is not expected as part of this procurement, so Design Reviews etc. will focus on the configurations proposed, their performance and safe assembly and operation.

The full technical specification for this procurement can be found at the eProcurement Portal link within this notice. It is essential that all the documents are fully read, understood and assessed when considering this opportunity.

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

Quality criterion - Name: Quality / Weighting: 75

Cost criterion - Name: Price / Weighting: 25

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

Value excluding VAT: £3,900,000

### **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: Yes

Description of options

The options, that UKRI may choose to procure at a later date, are estimated of up to £600,000.00 GBP (excluding VAT).

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

---

## **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.2.1) Previous publication concerning this procedure**

Notice number: [2022/S 000-017139](#)

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

Date

21 July 2023

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

21 July 2023

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 invoicing will be accepted

### **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:-Acoustic->

[devices./34G4AY7H9W](#)

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/34G4AY7H9W>

GO Reference: GO-2023614-PRO-23191952

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

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

UK Research & Innovation

Science & Technology Facilities Council, Rutherford Appleton Laboratory, Harwell

Oxford

OX11 0QX

Telephone

+44 1235446553

Country

United Kingdom