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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

Telephone

+44 1793442000

Country

United Kingdom

Region code

UKK14 - Swindon

Internet address(es)

Main address

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

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+44 1235446553

Country

United Kingdom