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Contract

PR20076 X-band Klystron Modulator for the CLARA Facility at Daresbury Laboratory

UK Research and Innovation

F03: Contract award notice

Notice identifier: 2021/S 000-001836

Procurement identifier (OCID): ocids-h6vhtk-028e82

Published 29 January 2021, 12:24pm

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 7849307912

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.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

PR20076 X-band Klystron Modulator for the CLARA Facility at Daresbury Laboratory

Reference number

PR20076

II.1.2) Main CPV code

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

II.1.3) Type of contract

Supplies

II.1.4) Short description

UK Research and Innovation is putting in place a Contract for UK

PR20076 X-band Klystron Modulator for Clara.

The duration of this Contract will be 4 years

See Section I.3 for access to procurement documentation

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £376,600

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKD61 - Warrington

Main site or place of performance

Warrington

II.2.4) Description of the procurement

The final date and time for the submission of bids is the 17th November 2020 at 14:00.

DO NOT apply directly to the buyer.

All tender information MUST be submitted through the Delta eSourcing Portal.

Brief Description of Requirement;

A next-generation light source test facility is to be constructed at the Daresbury Laboratory which will be known as CLARA (Compact Linear Accelerator for Research and Applications), shown in Figure 1. The aim of the CLARA project is to develop a normal conducting test accelerator capable of generating longitudinally and transversely bright electron bunches and to use these bunches in the experimental production of stable, synchronised, ultra-short photon pulses of coherent light from a single pass FEL (Free Electron Laser) with techniques directly applicable to the future generation of light source facilities.

STFC requires 1 klystron modulator to deliver RF power to 1 normal conducting X-band 4th Harmonic cavity (4HC). This klystron must be able to deliver a MINIMUM of 8 MW of RF peak power for 3.0 μ s at a repetition rate of 100 Hz.

However a preferred capability of \geq 10 MW of RF peak power, with RF pulse widths of up to 3 μ s while operating at a repetition rate of up to 100 Hz.

Assuming a klystron efficiency of 40%, the modulator must have a peak power capability of 25 MW. However, it should be noted that these conditions may not all be required at the same time. This specification concerns the design, manufacture, testing, delivery, to Daresbury Laboratory and

documentation of 1 klystron modulator.

Please ensure you review all attached information to ensure a full understanding of this requirement. All attachments can be found with the Document Uploads tab within the Delta eSourcing Portal. This contract will be awarded based on the evaluation criteria set out in the Invitation to tender pack document.

How to Apply UK Research and Innovation will be using the Delta eSourcing Portal for this procurement. To register on the Delta eSourcing portal please use the link <https://delta->

[esourcing.com](https://delta-esourcing.com) and follow the instructions to register. If you are already registered on the Delta eSourcing Portal and wish to participate in this procurement, please use the link: <https://delta-esourcing.com> and follow the instructions to 'Login'. Once you are logged

into the system you will be able to link yourself into this procurement using the Access Code: U4K28E2366. Please disregard any content in this notice that requests your organisation "to apply directly to the buyer" as this is unfortunately a system-generated error, that is outside of the Contracting Authorities' control. A brief summary of the requirement has been provided above; please ensure you review all additional appendices for full details of this requirement. All additional appendices can be found in the Stage One: Overview Section on the Delta eSourcing Portal.

II.2.5) Award criteria

Price

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://www.delta-esourcing.com/respond/U4K28E2366>

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: [2020/S 202-492053](#)

Section V. Award of contract

Contract No

PR2076

Title

X-band Klystron Modulator for the CLARA Facility at Daresbury Laborator

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

22 December 2020

V.2.2) Information about tenders

Number of tenders received: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Scandinova Systems AB

Ultunaallén 2A

Uppsala

75651

Email

peter.akersten@scandinovasystems.com

Telephone

+46 184805900

Country

Sweden

NUTS code

- SE121 - Uppsala län

National registration number

556616-3605

Internet address

<https://scandinovasystems.com/contact-us/>

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: £376,600

Total value of the contract/lot: £376,600

Section VI. Complementary information

VI.3) Additional information

All submissions will be assessed in accordance with the Public Contracts Regulations 2015, for procurement

values that exceed Regulation 5

(Threshold amounts)

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=565160936>

GO Reference: GO-2021129-PRO-17712153

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

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>

VI.4.4) Service from which information about the review procedure may be obtained

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>