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Contract

The Provision Of 128 DUNE APA Stainless Steel Frames

UK Research and Innovation

F03: Contract award notice

Notice identifier: 2022/S 000-001152

Procurement identifier (OCID): ocds-h6vhtk-02f23f

Published 14 January 2022, 12:15pm

Section I: Contracting authority

I.1) Name and addresses

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Email

commercial@ukri.org

Telephone

+44 1793442000

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

The Provision Of 128 DUNE APA Stainless Steel Frames

Reference number

UKRI-1620

II.1.2) Main CPV code

- 44142000 - Frames
 - AA11 - Steel

II.1.3) Type of contract

Supplies

II.1.4) Short description

The DUNE Anode Plane Assemblies (APAs) will form the major part of the DUNE far site detector. We are finishing the prototype APAs for installation in a cryostat at CERN and preparing for the full production run of up to 128 APAs. The APAs are composed of large stainless steel metal frames and made of thousands of turns of wire, roughly 24 kilometres for each APA. It's an engineering challenge to wind the wire around the frames and build the wire chambers.

A fully assembled frame is expected 'in spec' with all the associated documents or 'doc pack' including material certificates, ITP (Inspection Test plan), mechanical inspections, NDT (Non-Destructive Testing) etc.

Full qualification (inspection) by ourselves will be needed in the first batch of two frames. This will include visual inspection, an inspection of holes and machined parts and welding quality. The company will allow us access to do these qualification checks.

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: £2,500,000

II.2) Description

II.2.2) Additional CPV code(s)

- 44142000 - Frames
 - AA11 - Steel
- 45262680 - Welding

II.2.3) Place of performance

NUTS codes

- UKD61 - Warrington

Main site or place of performance

Warrington

II.2.4) Description of the procurement

Your company will be asked to manufacture up to 128 APA frames by October 2025. The first two APA frames should be assembled, inspected and shipped to Daresbury by 31st January 2022, the following 6 to be delivered on 28th March, and from then on, 6 frames every 9 weeks.

During manufacture, time will be needed to visit the sub-contract companies (if used) and yourselves to carry out inspections. In addition, around half a day per frame will be required to measure the flatness of each frame with our laser tracking system, which is shown in the attached document "8760doc055 Frame planarity testing". Finally, Crane operators and riggers will be needed to fix the APA frame in landscape mode, as shown.

Downtime periods of up to two months might be needed. In such a case, the delivery dates for the subsequent batches of frames will be moved by the required time.

Each APA frame will have 5 years warranty on the complete assembly.

The manufacturer will provide monthly status reports on parts procurement, staffing and manufacture of the frames. When relevant, the report should include the status of the manufacturer's subcontractors.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 90

Cost criterion - Name: Price / Weighting: 10

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/87X6H4E99Z>

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: [2021/S 000-027345](#)

Section V. Award of contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

10 January 2022

V.2.2) Information about tenders

Number of tenders received: 2

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

V.2.3) Name and address of the contractor

Durham Sheet Metal Works Ltd,

Progress House, Templetown,

South Shields

NE33 5TE

Country

United Kingdom

NUTS code

- UKG22 - Tyneside

National registration number

00543544

The contractor is an SME

Yes

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

Total value of the contract/lot: £2,497,244

Section VI. Complementary information

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.

To view this notice, please click here:

<https://ukri.delta-esourcing.com/delta/viewNotice.html?noticeId=657457568>

GO Reference: GO-2022114-PRO-19501047

VI.4) Procedures for review

VI.4.1) Review body

UK Research and Innovation

Polaris House, North Star Avenue

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SN2 1FL

Email

commercial@ukri.org

Country

United Kingdom

VI.4.2) Body responsible for mediation procedures

UK Research and Innovation

Polaris House, North Star Avenue

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Email

commercial@ukri.org

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