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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): ocids-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](mailto: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

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**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-esourcing.com/respond/87X6H4E99Z>

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## **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](#)

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## **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

- UKC22 - 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

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## **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

Swindon

SN2 1FL

Email

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

Country

United Kingdom

**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