Contract

UKRI-PR19126 High Purity Niobium for DUNE PIP-II High-Beta SRF Cavities

UK Research & Innovation

F03: Contract award notice
Notice identifier: 2021/S 000-004862
Procurement identifier (OCID): ocds-h6vhtk-029a6f
Published 10 March 2021, 4:32pm

Section I: Contracting authority

I.1) Name and addresses

UK Research & Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Contact

UKRI STFC Procurement

Email

procurement@stfc.ac.uk

Telephone

+44 1793442000

Country

United Kingdom

NUTS code

UKK14 - Swindon

Internet address(es)

Main address

www.ukri.org

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UKRI-PR19126 High Purity Niobium for DUNE PIP-II High-Beta SRF Cavities

Reference number

UKRI-PR19126

II.1.2) Main CPV code

- 14791000 - Niobium

II.1.3) Type of contract

Supplies

II.1.4) Short description

UKRI wishes to establish a Contract for the provision of high purity Niobium material for the production of 20 off DUNE PIP-II high beta SRF cavities.

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: £1,963,533.59

II.2) Description

II.2.3) Place of performance

NUTS codes

- DE6 - HAMBURG
- UKD61 - Warrington

Main site or place of performance

HAMBURG,Warrington

II.2.4) Description of the procurement

UKRI wishes to establish a Contract for the provision of high purity Niobium material for the production of 20 off DUNE PIP-II high beta SRF cavities.

The Proton Improvement Plan (Phase 2) – PIP-II, is a US-led international project that will provide the linear accelerator to create neutrinos for the Long Beamline Neutrino Facility (LBNF). LBNF itself will be the world's most intense high-energy neutrino beam facility. The PIP-II linear accelerator (linac) will fire neutrinos 1300 km from the Fermi National Accelerator Laboratory (also known as Fermilab) in Illinois towards the 70,000 tonne Deep Underground Neutrino Experiment (DUNE) far detector at the Sanford Underground Research Facility (SURF) in South Dakota in order to study neutrino oscillations.

As part of the UK in-kind contribution to the PIP-II project, The UK's Science and Technology Facilities Council (STFC), part of UK Research and Innovation (UKRI), is responsible for delivering 3 high-? cryomodules for the linac at Fermilab. STFC must source material for 20 high-? SRF cavities capable of achieving 18.8 MV/m at 650 MHz, with a Q0 better than 3 x 1010. The cavities must be manufactured from high purity niobium.

This requirement relates to procurement 2 within Prior Information Notice 2019/S 200-485286.

The scope of this contract consists of:

• The supply of high purity Niobium material in semi-finished form for the series production of 20 off DUNE PIP-II High Beta SRF Cavities operating at 650 MHz

• The supplier shall provide a Quality Assurance Plan (QAP), detailing all necessary quality activity for the execution of the contract, which shall be approved by UKRI STFC.

• The supplier shall execute all steps within the QAP during contract execution.

• The supplier shall deliver formal reports and documentation to UKRI STFC including technical analysis, quality control measurements, materials analysis data and specific inspection reports

• Delivery of Niobium material to UKRI STFC or its designated representative, under Delivered, Duty Paid (DDP) incoterms.

How to Apply

UKRI will be using the Delta eSourcing Portal for this procurement.

To register on the Delta eSourcing portal please use the link https://www.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://www.delta-esourcing.com/tenders/UK-UK-Swindon:-Niobium./3228BDE956 and the 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: 3228BDE956.

As a user of the Delta eSourcing Portal you will have access to the Delta messaging service which facilitates all messages sent to you and from you in relation to any specific tender event. Please note it is your responsibility to access these messages on a regular basis to ensure you have sight of all relevant information applicable to this opportunity.

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.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 68

Cost criterion - Name: Cost / Weighting: 32

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/3228BDE956

Award criteria was:

Quality 67.50%

Cost 32.50%

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 208-509127

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

4 March 2021

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

Marphil International SAS

36 Rue de Richelieu

Paris

75001

Country

France

NUTS code

- FR101 - Paris

National registration number

N/A

The contractor is an SME

Yes

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

Total value of the contract/lot: £1,963,533.59

V.2.5) Information about subcontracting

The contract is likely to be subcontracted

Value or proportion likely to be subcontracted to third parties

Proportion: 99 %

Short description of the part of the contract to be subcontracted

The production of the Niobium material will be sub-contracted.

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.

UKRI is managing this procurement process in accordance with the Public Contracts Regulations 2015 (as may be amended from time to time) (the “Regulations”). This is a Contract being procured under the OJEU Open Procedure.

UKRI is procuring the Contract for its exclusive use.

To view this notice, please click here:

https://ukri.delta-esourcing.com/delta/viewNotice.html?noticeId=577715305

GO Reference: GO-2021310-PRO-17909132

VI.4) Procedures for review

VI.4.1) Review body

UK Research & 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

N/A

N/A

Country

United Kingdom

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

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