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Contract

## **High temperature material for the manufacture of an isothermal die stack**

University of Strathclyde

F03: Contract award notice

Notice identifier: 2022/S 000-004775

Procurement identifier (OCID): ocds-h6vhtk-02d671

Published 21 February 2022, 10:25am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

University of Strathclyde

40 George Street, Procurement Department

Glasgow

G1 1QE

#### **Contact**

Natasha Murray

#### **Email**

[natasha.murray@strath.ac.uk](mailto:natasha.murray@strath.ac.uk)

#### **Telephone**

+44 1415484451

#### **Country**

United Kingdom

**NUTS code**

UKM82 - Glasgow City

**Internet address(es)**

Main address

<http://www.strath.ac.uk/>

Buyer's address

[https://www.publiccontractsscotland.gov.uk/search/Search\\_AuthProfile.aspx?ID=AA00113](https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00113)

**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**

Education

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

High temperature material for the manufacture of an isothermal die stack

Reference number

UOS-21308-2021

#### **II.1.2) Main CPV code**

- 44115220 - Heating materials

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

The National Manufacturing Institute of Scotland (NMIS) is sought to secure a suitably qualified and experienced supplier with the capability and capacity to supply and deliver a high temperature material.

The high temperature material is required for the manufacture of an isothermal die stack, capable of operating within an isothermal forging vacuum chamber at a temperature of 1200°C and loads of up to 2000 tons. The material is required to take the form of a molybdenum based alloy which can withstand and operate up to 1200°C in a vacuum or inert gas atmosphere. Approximate dimensions are in the range of 400mm in diameter and 200mm in height. The University was specifically interested in suppliers who could provide Titanium-Zirconium-Molybdenum (TZM) to conform to the requirements.

#### **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: £562,267.26

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 44190000 - Miscellaneous construction materials

### **II.2.3) Place of performance**

NUTS codes

- UKM82 - Glasgow City

Main site or place of performance

National Manufacturing Institute of Scotland (NMIS)

### **II.2.4) Description of the procurement**

The National Manufacturing Institute of Scotland (NMIS) sought to secure a suitably qualified and experienced supplier with the capability and capacity to supply and deliver a high temperature material. The high temperature material is required for the manufacture of an isothermal die stack, capable of operating within an isothermal forging vacuum chamber at a temperature of 1200°C and loads of up to 2000 tons.

- The material is required to take the form of a molybdenum based alloy which can withstand and operate within the temperature range of 1080°C and 1200°C in a vacuum or inert gas atmosphere. Approximate dimensions are in the range of 400mm in diameter and 200mm in height.
- The proposed material is required to have strong thermal and creep resistance characteristics and should also be capable of withstanding extreme thermal and mechanical loads in service.
- The Material shall be supplied in the as-wrought and stress relieved condition (not recrystallized).
- The final material will require Non-destructive ultrasonic testing. There must be no presence of cracks and surface defects upon delivery to site.
- The supplier's solution will include the delivery of the material to the AFRC, based in Inchinnan Scotland.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 60

Cost criterion - Name: Cost / Weighting: 40

### **II.2.11) Information about options**

Options: Yes

Description of options

The Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of supplies or installations or as extensions of existing supplies and installations.

The Contracting Authority may at its sole discretion exercise this option.

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

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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 000-025975](#)

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## **Section V. Award of contract**

### **Contract No**

UOS-21308-2021

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

16 February 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

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

#### **V.2.3) Name and address of the contractor**

H.C. Starck

1 Harris Road

Calne

SN11 9PT

Telephone

+441 5172793609

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

Yes

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

Total value of the contract/lot: £562,267.26

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## **Section VI. Complementary information**

### **VI.3) Additional information**

(SC Ref:684068)

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Glasgow Sheriff Court

1 Carlton Pl,

Glasgow

G5 9TW

Country

United Kingdom