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Tender

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

University of Strathclyde

F02: Contract notice

Notice identifier: 2021/S 000-025975

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

Published 18 October 2021, 3:35pm

### **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.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://www.publictendersscotland.publiccontractsscotland.gov.uk/esop/pts-host/public/pts/web/login.html>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.publictendersscotland.publiccontractsscotland.gov.uk/esop/pts-host/public/pts/web/login.html>

**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 seeking a suitably qualified and experienced suppliers 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 is specifically interested in suppliers who can provide Titanium-Zirconium-Molybdenum (TZM) to conform to the requirements.

#### **II.1.5) Estimated total value**

Value excluding VAT: £550,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **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) is seeking suitably qualified and experienced suppliers

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.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

12

This contract is subject to renewal

No

**II.2.10) Information about variants**

Variants will be accepted: No

**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 III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

List and brief description of selection criteria

4B.1.1 Bidders will be required to have a minimum “general” yearly turnover of 1,000,000.00 GBP for the last 3 years.

#### **4B.5.1a – 4B.5.3 Insurances**

It is a requirement of this contract that bidders can hold or commit to obtain prior to the commencement of any subsequently awarded contract, the types of insurance indicated below.

The Contractor shall maintain in force with reputable insurers

Employer’s (Compulsory) Liability Insurance = 10mGBP

Public Liability Insurance = 10mGBP

Professional Liability Insurance = 2mGBP

in respect of any one incident and unlimited as to numbers of claims, and adequate insurances covering all the Contractor’s other liabilities

in terms of the Contract.

#### **III.1.3) Technical and professional ability**

List and brief description of selection criteria

4C.1.2 Bidders will be required to provide examples that demonstrate that they have the relevant experience to deliver the services/supplies

as described in part II.2.4 of the OJEU Contract Notice or the relevant section of the Site Notice.

Please provide three (3) examples of experience of supplying and delivering the material detailed within Appendix D Specification over the last three years.

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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 000-020226](#)

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

18 November 2021

Local time

12:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

#### **IV.2.7) Conditions for opening of tenders**

Date

18 November 2021

Local time

12:00pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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

The buyer is using PCS-Tender to conduct this ITT exercise. The Project code is 19638.  
For more information see:

<http://www.publiccontractsscotland.gov.uk/info/InfoCentre.aspx?ID=2343>

(SC Ref:670859)

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

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

Glasgow Sheriff Court

1 Carlton Pl,

Glasgow

G5 9TW

Country

United Kingdom