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Planning

High temperature material for the manufacture of an isothermal die stack

University of Strathclyde

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-020226

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

Published 18 August 2021, 3:14pm

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

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

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

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 notes of interest from 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.
- 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.1.5) Estimated total value

Value excluding VAT: £200,000

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

Suppliers are asked to note their interest in this potential procurement exercise by 26th of August 2021, at which point the Contracting Authority will follow up with all interested parties.

II.3) Estimated date of publication of contract notice

3 September 2021

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at

[https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=664057.](https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=664057)

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