Planning

The Supply, Delivery and Installation of a Flat Strip Draw Tester (sdt)

University of Strathclyde

F01: Prior information notice
Prior information only
Notice identifier: 2022/S 000-018073
Procurement identifier (OCID): ocds-h6vhtk-034d40
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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

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

www.publiccontractsscotland.gov.uk

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

The Supply, Delivery and Installation of a Flat Strip Draw Tester (sdt)

Reference number

UOS-24426-2022

II.1.2) Main CPV code

- 42000000 - Industrial machinery

II.1.3) Type of contract

Supplies

II.1.4) Short description

The National Manufacturing Institute of Scotland (NMIS) seeks a suitably qualified supplier to supply, deliver, install and commission a Flat Strip Draw Tester (SDT) for the purpose of investigating the tribology of sheet metal forming (SMF) processes.

At present NMIS are willing to consider a range of designs to meet the specification (for example, designs may take the form of double die and single die configurations).

Given the above, NMIS requires the offered SDT solution to be equipped with the capabilities to simulate these. The capabilities of the offered solution shall include but not be limited to:

Draw speeds within the range ? 10 and > 100 mm s-1 (preferably ? 200 mm s-1)

Nominal contact pressures within the range ? 5 and ? 30 MPa

Integrated specimen heating capabilities capable of ? 950 °C

It is desirable that specimen heating capabilities enable controllable heating rates, with a minimum of ?14 °C s-1

Integrated method by which to measure the pre-draw specimen temperature

Integrated tool heating capabilities capable of ? 100 °C

Integrated tool cooling system to simulate e.g. operations that involve die quenching

Tools should be conducive to in-house manufacture and from a range of materials i.e. plug-and-play friendly.

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)

- 42900000 - Miscellaneous general and special-purpose machinery
- 51430000 - Installation services of laboratory equipment

II.2.3) Place of performance

NUTS codes

- UKM82 - Glasgow City

Main site or place of performance

National Manufacturing Institute of Scotland

II.2.4) Description of the procurement

Potential tenderers who believe they can fulfill the above noted requirement are asked to note their interest against this notice by 12:00 noon 6th July 2022.

II.3) Estimated date of publication of contract notice

15 July 2022

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=698483.

(SC Ref:698483)