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Planning

Supply, Delivery and Commissioning of a 5 Stage Mixed-Suspension, Mixed-Product Removal (MSMPR) system

University of Strathclyde

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-003393

Procurement identifier (OCID): ocds-h6vhtk-04366d

Published 1 February 2024, 2:52pm

Section I: Contracting authority

I.1) Name and addresses

University of Strathclyde

McCance Building, 16 Richmond Street

Glasgow

G11XQ

Contact

Jemma Wylie

Email

jemma.wylie@strath.ac.uk

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

Supply, Delivery and Commissioning of a 5 Stage Mixed- Suspension, Mixed-Product Removal (MSMPR) system

Reference number

UOS-31490-2024

II.1.2) Main CPV code

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.1.3) Type of contract

Supplies

II.1.4) Short description

This PIN is for market research purposes and to highlight to the market an upcoming opportunity to provide the Continuous Manufacturing and Crystallisation centre (CMAC) with a 5 stage Mixed-Suspension, Mixed-Product-Removal (MSMPR) system to operate in their existing world class research facility in the Technology and Innovation Centre at the University of Strathclyde. As a research centre focusing on delivering high impact industrially relevant research with a broad portfolio of funding streams from government funded research through pre-competitive and confidential projects, CMAC require a new MSMPR to enhance our capability and continue to drive our Quality by Digital design initiative

II.1.5) Estimated total value

Value excluding VAT: £350,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKM82 - Glasgow City

Main site or place of performance

Technology and Innovation Centre, the University of Strathclyde

II.2.4) Description of the procurement

The University, on behalf of CMAC, are looking to procure a 5-stage MSMPR. It is anticipated that the equipment will offer the following attributes:

- 5-stage MSMPR, with option not to have to run all vessels all the time
- Optional flexibility- Split as 2 and 3 stage modules with capability to connect together for full 5-stage (not essential criteria, but desirable)
- the equipment should offer “fixed items” above lid with options to change vessel volumes accepting there will be limits due to vessel dimensions and flange diameter. Vessel sizes essential = 250ml to 1L and desirable = 250ml up to 5L
- Control system that we can interface PAT to, extract real-time data, control process and ability to integrate to advanced process control APC e.g. self-optimising algorithms.
- Ability to run lights out – level sensors + failsafe safety cutouts/divert to waste
- Ability to put at least 1 PAT probe into each vessel (e.g. UV, IR, Easyviewer, FBRM or Blaze probes)
- 5-200ml/min of total solution flow of product
- Periodic or continuous slurry transfer with flexibility vs frequency and preferably volume as well.
- Heated/jacketed transfer lines
- Feed pumps (preferably with heated pump heads or in hot-box) with mass flow meters or equivalent
- Auto sampling from slurry capability (supplier to supply or CMAC to supply)

II.2.14) Additional information

The estimated budget is based on an estimated maximum.

It is encouraged that suppliers interested in this opportunity note interest in the PIN and submit a response to the questionnaire by 9th February. Please return questionnaire responses to jemma.wylie@strath.ac.uk

II.3) Estimated date of publication of contract notice

29 February 2024

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

The University is publishing this PIN for initial Market Research and Engagement purposes. The University may conduct further market engagement with the suppliers that note interest in this opportunity.

The University has additionally published a questionnaire with this PIN. It is encouraged that those suppliers interested in this opportunity note interest and submit a response to the questionnaire by 9th February. Please return questionnaire responses to jemma.wylie@strath.ac.uk.

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=756725.

(SC Ref:756725)