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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](mailto: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](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

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**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](mailto:jemma.wylie@strath.ac.uk)

#### **II.3) Estimated date of publication of contract notice**

29 February 2024

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## **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

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## **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](mailto: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](https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=756725).

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