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Tender

## **Framework for Automated Solutions**

Centre For Process Innovation

F02: Contract notice

Notice identifier: 2024/S 000-003626

Procurement identifier (OCID): ocds-h6vhtk-043707

Published 5 February 2024, 9:38am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Centre For Process Innovation

Discovery 2, William Armstrong Way, NETPark

Sedgefield

TS21 3EH

#### **Email**

[e-tendering@uk-cpi.com](mailto:e-tendering@uk-cpi.com)

#### **Telephone**

+44 01740625716

#### **Country**

United Kingdom

#### **NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://in-tendhost.co.uk/uk-cpi.aspx/Home>

**I.3) Communication**

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

<https://in-tendhost.co.uk/uk-cpi.aspx/Home>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://in-tendhost.co.uk/uk-cpi.aspx/Home>

Tenders or requests to participate must be submitted to the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Technology Development

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Framework for Automated Solutions

Reference number

2939

#### **II.1.2) Main CPV code**

- 48921000 - Automation system

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

CPI wish to appoint a range of suppliers to support our ongoing automation needs. Automation and robotics are key enabling technologies within CPI, with this procurement exercise seeking to appoint a series of suppliers to a framework to support our laboratory automation requirements both current and future primarily for our National Formulation Center based at our Coxon Building facility, through the support of our existing robotic platforms with upgrades, maintenance and ongoing consumable supply and with the provision of new robotic platforms. The scope of supply for equipment purchases under this tender will include the supply and installation of equipment, with the option of commissioning the equipment if required. Purchases may include any design work, packing and shipping, training of users, maintenance, upgrades and ongoing running costs. This tender is split into 7 Lots. Lot 1 - Purchase of new custom automation platforms for preparation and characterisation of formulated prod

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

Value excluding VAT: £20,000,000

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

This contract is divided into lots: Yes

Tenders may be submitted for all lots

## **II.2) Description**

### **II.2.1) Title**

Purchase of new automation platforms for preparation and characterisation of formulated products

Lot No

1

### **II.2.2) Additional CPV code(s)**

- 48921000 - Automation system

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

CPI are seeking to add to their current automated formulation and characterisation capability and wish to appoint a series of competent automation suppliers from which to purchase future robotic systems. It is expected that successful suppliers be able to offer solutions across a range of categories including material dispensing, mixing, reformatting, coating and characterisation. The ability to offer integration with third party devices and a willingness to provide integrated solutions encompassing current CPI automation systems is essential.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £10,000,000

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

Duration in months

48

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: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

### **II.2) Description**

#### **II.2.1) Title**

Purchase of collaborative robotic solutions (Cobots) for R&D environments - Mobile Robotic Platform

Lot No

2 - 2.1

#### **II.2.2) Additional CPV code(s)**

- 48921000 - Automation system

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

CPI requires a platform with both a mechanical arm and autonomous mobility. The specified task involves segregation of sample vials according to predefined criteria, using image analysis. Algorithms for image analysis will be provided by CPI, however the supplier will be expected to support CPI in ensuring that results from the algorithm can be translated into movements using the robotic hardware. Future workflows may require transport of these vials for de-capping and reformatting (e.g. using a liquid handling

platform) and potentially, for further analysis. Therefore, ability of the Cobot hardware/software solution to expand and integrate with additional 3rd party devices in the future, and the supplier expertise to support this as part of future work, is essential.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £4,000,000

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

Duration in months

48

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: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

### **II.2) Description**

#### **II.2.1) Title**

Purchase of collaborative robotic solutions (Cobots) for R&D environments - Fixed Cobot Arm

Lot No

## 2.2

### **II.2.2) Additional CPV code(s)**

- 48921000 - Automation system

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

CPI requires a fixed mechanical arm to scan bottle barcodes for pharmaceutical products and place these into boxes for shipment. Validation of this workflow (as part of good manufacturing practice) is not required as part of this tender. However, it is essential that the workflow can be validated as part of future work.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £4,000,000

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

Duration in months

48

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: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Framework Purchase of collaborative robotic solutions (Cobots) for R&D environments

Lot No

2.3

### **II.2.2) Additional CPV code(s)**

- 48921000 - Automation system

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

This Lot designed to provide CPI with a selection of suppliers from which to purchase future Cobot solutions. The technical specification of all future Cobot systems will be provided to appointed vendors to the framework by way of a Mini Competition as and when a solution is required. Successful appointment does not guarantee award of any robot supply or build but will allow CPI to run a mini competition with appointed suppliers

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £4,000,000

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

Duration in months



48

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: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

### **II.2) Description**

#### **II.2.1) Title**

Purchase of automation solutions for existing Labman robotic platforms

Lot No

3

#### **II.2.2) Additional CPV code(s)**

- 48921000 - Automation system

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

CPI currently have a series of robotic platforms from Labman Automation and wish to appoint a supplier for their ongoing maintenance and servicing, provision of training and hardware/software upgrade solutions as required. Additional requirements such as engineering modifications to the platforms, software modifications and upgrades, training, maintenance, service and repair and purchase of specialist consumables are to be

considered in scope of this lot.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £2,500,000

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

Duration in months

48

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: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

### **II.2) Description**

#### **II.2.1) Title**

Purchase of automation solutions for existing Chemspeed robotic platforms

Lot No

4

#### **II.2.2) Additional CPV code(s)**

- 48921000 - Automation system

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

CPI currently have two existing robotic platforms from Chemspeed Technologies and wish to appoint a supplier for their ongoing maintenance and servicing, provision of training and hardware/software upgrade solutions as required. Additional requirements such as engineering modifications to the platforms, software modifications and upgrades, training, maintenance, service and repair and purchase of specialist consumables are to be considered in scope of this lot.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £2,500,000

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

Duration in months

48

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: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Purchase of automation solutions for existing Analytik Jena platform

Lot No

5

### **II.2.2) Additional CPV code(s)**

- 48921000 - Automation system

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

CPI currently have a custom robotic platform from Analytik Jena and wish to appoint a supplier for their ongoing maintenance and servicing, provision of training and hardware/software upgrade solutions as required. Additional requirements such as engineering modifications to the platforms, software modifications and upgrades, training, maintenance, service and repair and purchase of specialist consumables are to be considered in scope of this lot.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £500,000

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

Duration in months

48

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: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

### **II.2) Description**

#### **II.2.1) Title**

Purchase of automation solutions for existing Opentrons platform

Lot No

6

#### **II.2.2) Additional CPV code(s)**

- 48921000 - Automation system

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

CPI currently have a single Opentrons liquid handling platform and wish to appoint a supplier for their ongoing maintenance and servicing, provision of training and hardware/software upgrade solutions as required. Additional requirements such as engineering modifications to the platforms, software modifications and upgrades, training, maintenance, service and repair and purchase of specialist consumables are to be considered in scope of this lot..

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £250,000

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

Duration in months

48

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: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Purchase of automation solutions for existing Janus robotic platforms

Lot No

7

### **II.2.2) Additional CPV code(s)**

- 45214610 - Laboratory building construction work

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

CPI currently have several Janus liquid handling platforms located at their Sedgefield and Darlington sites and wish to appoint a supplier for their ongoing maintenance and servicing, provision of training and hardware/software upgrade solutions as required. Additional requirements such as engineering modifications to the platforms, software modifications and upgrades, training, maintenance, service and repair and purchase of specialist consumables are to be considered in scope of this lot.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £250,000

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

Duration in months

48

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: No

### **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.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions

not applicable

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

Selection criteria as stated in the procurement documents

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

Selection criteria as stated in the procurement documents

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **IV.1.3) Information about a framework agreement or a dynamic purchasing system**

The procurement involves the establishment of a framework agreement

Framework agreement with several operators

Envisaged maximum number of participants to the framework agreement: 11

In the case of framework agreements, provide justification for any duration exceeding 4 years:

not applicable

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

Date

4 March 2024

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**

Tender must be valid until: 3 June 2024

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

Date

4 March 2024

Local time

12:30pm

Place

Online

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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.4) Procedures for review**

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

Centre for Process Innovation Limited

Wilton Center

Redcar

TS10 4RF

Country

United Kingdom

#### **VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

not applicable