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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

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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

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

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 handing 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

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

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

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