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Tender

2274 - Consumables for Molecular Biology

CENTRE FOR PROCESS INNOVATION LIMITED

F02: Contract notice

Notice identifier: 2021/S 000-027158

Procurement identifier (OCID): ocds-h6vhtk-02f184

Published 29 October 2021, 10:13am

Section I: Contracting authority

I.1) Name and addresses

CENTRE FOR PROCESS INNOVATION LIMITED

Wilton

REDCAR

TS104RF

Contact

CPI Procurement

Email

e-tendering@uk-cpi.com

Telephone

+44 1740625716

Country

United Kingdom

NUTS code

UKC12 - South Teesside

Internet address(es)

Main address

https://ne1procurementservices.com/content/live_tenders.php

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

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

https://ne1procurementservices.com/content/live_tenders.php

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

https://ne1procurementservices.com/content/live_tenders.php

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research and development

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

2274 - Consumables for Molecular Biology

Reference number

2274

II.1.2) Main CPV code

- 24000000 - Chemical products

II.1.3) Type of contract

Supplies

II.1.4) Short description

The aim of this framework is to establish preferred and CPI approved suppliers under a variety of supply categories to provide a range of materials for use by CPI, mainly to support the development of CPI's molecular biology capability for production of therapeutic proteins and nucleic acids. Please see our response to tender document (2274 - RTTBO) for the information that bidders are required to provide in order to be considered as a CPI approved supplier. Bids will be accepted from potential suppliers for one, multiple and all lots, and bidders are not required to supply the entirety of an individual lots product list to be considered as an approved supplier.

II.1.5) Estimated total value

Value excluding VAT: £3,900,000

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

Enzymes

Lot No

1

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

We would expect any successful suppliers to also be able to supply other enzymes (restriction, ligation, reverse transcription, alternative polymerase). Being able to supply GMP grade enzymes is also advantageous.

Enzymes purchased on this tender will be used in molecular biology applications to develop R&D processes at CPI at both small scale and large scale, therefore custom bulk volumes of these enzymes are likely to be required.

Enzymes should be tested for exonuclease and endonuclease activity. All enzymes should be provided with the manufacturer's definition of a "unit" of enzyme e.g. "one U of enzyme is defined as the amount of enzyme required to digest xµg of DNA at 37°C in xx minutes in a total reaction volume of xxµl".

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Nucleotides

Lot No

2

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

dNTPs and NTPs will be required for use in multiple PCR applications; in vitro transcription; mRNA/saRNA synthesis and cloning. dNTPs and NTPs should be possible of being supplied in sodium or tris salt form and confirmed as RNase, DNase and protease free. The ability to supply alternative salt forms, such as lithium, would be advantageous.

These dNTPs and NTPs will be used for a range of applications in both small scale and large scale, it would be beneficial if they could be supplied in custom bulk volumes.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Primers and DNA Oligos

Lot No

3

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI requires the synthesis of primers, DNA oligos, and gene synthesis services. CPI would require random primer sequences and the ability to buy custom synthesised primers for use in PCR/qPCR and would also require custom primer/ oligo synthesis, CPI will provide the sequence information for these primers to be synthesised. We would require primers to be produced at a selection of purities, such as HPLC and salt free. The supply of fluorescently labelled primer probes will also be required under this lot. For gene synthesis, CPI require a flexibility to synthesise a range of sequences varying in size (typically up to 4kb, with varying complexities) with use a variety of plasmid backbone

options with a range of antibiotic resistance genes.

Due to the need for a quick turnaround on some of CPI's projects, it would be preferred for suppliers to be able to offer quick synthesis and next day delivery options. Web ordering would also be preferred to enable quick processing of our orders.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Gel Consumables

Lot No

4

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI would require consumables for the analysis of proteins and nucleic acids by gel electrophoresis. Consumables required include gel loading dyes; RNA, DNA and protein ladders and gel extraction kits. RNA and DNA ladders should span a range of sizes, up to 9kb. Concentrated gel running buffers such as 10XTAE, 10XTBE and MOPS is advantageous. The supply of other purification kits such as gel extraction kits and genomic DNA extraction kits are advantageous.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Buffers

Lot No

5

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Concentrated buffers and nuclease free water for use with their associated enzymes during reactions are required. Buffers may be used where specified by the manufacturer in applications which include restriction reactions and in vitro transcription reactions.

Buffers must be tested for exonuclease and endonuclease activity and a CoA must be available for each lot number. These buffers are likely to be used in both small scale and large-scale applications and so custom bulk volumes of buffers would be advantageous. GMP grade options are also advantageous.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Competent Cells

Lot No

6

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI would require competent cells to be supplied for use in cloning/sub-cloning, protein expression and gDNA/cDNA library production.

Competent cells should be in preparations which are free of animal products and should be shipped on dry ice

II.2.5) Award criteria

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

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) Description

II.2.1) Title

RNA/DNA Synthesis and Purification Kits

Lot No

7

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI require the supply of RNA and DNA purification kits. RNA/DNA purification kits can be either gravity flow, vacuum assisted or spin columns and should cover small scale through to large scale. Multiple types of PCR kits would be required for use in development activities at CPI also, such as RT-PCR and RT-qPCR kits.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Media

Lot No

8

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI require the supply of cell culture media to assist with the testing of therapeutic nucleic acids (DNA/RNA). Cell culture media and feeds are required, as either pre-made sterile solutions or as a powder.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

CleanCap

Lot No

9

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI require supply of the RNA co-translational capping agent, cleancap. The supplier must be able to supply various types of therapeutically relevant cleancap analogues, such as AU and AG (in addition to the methylated form).

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Columns

Lot No

10

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI require columns for use in packed column chromatography during the purification of in vitro transcribed mRNA. Where columns are not supplied pre-packed, suitable chromatography media should be supplied for manual column packing. Columns should be certified to sterile and free of ribonucleases. A CoA should be supplied for each lot. Columns may be used for small and large scale, preparative and analytical applications. As a result, the column length, diameter, media composition and mode of adsorption may vary significantly between purchases. Columns and media which comply with GMP specifications are preferred.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

AAV material

Lot No

11

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI require AAV material as a control or standard for downstream and analytical assays such as ELISA and western blotting. This material would be used to check the validity of assays and act as a comparison to in-house generated samples. Further, the material would be used to develop and validate methods for different analyses prior to analysis of samples generated in-house. The material required would need to be of a high purity with the associated CoA for each item purchased.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

ELISA kits

Lot No

12

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI require the supply of ELISA kits for the detection of proteins during the production of different therapeutics such host cell protein contaminants, recombinant therapeutic proteins and AAV particles. A range of kits are required that target and confirm the

presence of specific protein targets in samples. For AAV analysis, different serotypes exist, and specific kits allow the distinction between these types and confirm the formation of AAV particles. ELISA kits are required to be specific to the intended target and include the CoA/quality control certificates.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Reporter assay

Lot No

13

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI require reporter assays as an efficient method to measure cell health during experiments. Assays allow of aspects such as product related toxicity and detect differences in cell growth. A range of kits are required that allow real-time measurements, compatibility with manual handling and/or automation. Reporter assays are required to provide high sensitivity, accurate, stable readouts and applicable across different cell types with the necessary CoA/quality control certificates.

II.2.5) Award criteria

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

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) Description

II.2.1) Title

Transfection reagents

Lot No

14

II.2.2) Additional CPV code(s)

- 24000000 - Chemical products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CPI require the supply of transfection reagents to deliver nucleic acids in different formats (RNA/DNA) into cells for the testing or production of therapeutics. A wide range of reagents are required as the transfection reagent used can depend on the nucleic acid type, cell system and scale. Transfection reagents would be required in a sterile pre-made solution or as a powder for use at small and large-scale with the CoA/quality control certificates. GMP-grade material would also be advantageous.

II.2.5) Award criteria

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

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

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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.2.1) Previous publication concerning this procedure

Notice number: [2021/S 211-557702](#)

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

Date

26 November 2021

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.7) Conditions for opening of tenders

Date

26 November 2021

Local time

1:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.4) Procedures for review

VI.4.1) Review body

CPI

Wilton

TS10 4RF

Country

United Kingdom