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Tender

3900/JN/23 - Design and construction of an automated and compact mRNA GMP manufacturing system

UNIVERSITY OF SHEFFIELD

F02: Contract notice

Notice identifier: 2023/S 000-027301

Procurement identifier (OCID): ocds-h6vhtk-03fcef

Published 15 September 2023, 10:50am

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF SHEFFIELD

THE UNIVERSITY OF SHEFFIELD, WESTERN BANK

SHEFFIELD

S102TN

Contact

James Noble

Email

james.noble@sheffield.ac.uk

Country

United Kingdom

Region code

UKE32 - Sheffield

Companies House

RC000667

Internet address(es)

Main address

<https://intendhost.co.uk/sheffield>

I.3) Communication

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

<https://intendhost.co.uk/sheffield>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://intendhost.co.uk/sheffield>

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

3900/JN/23 - Design and construction of an automated and compact mRNA GMP manufacturing system

Reference number

3900/JN/23

II.1.2) Main CPV code

- 73300000 - Design and execution of research and development

II.1.3) Type of contract

Services

II.1.4) Short description

Zoltan Kis from the University of Sheffield's department of Chemical and Biological Engineering with funding from Innovate UK is seeking a supplier to collaborate on the creation of an automated and compact GMP manufacturing system. The provider will be responsible for the design and prototyping of a custom system in-order to support the group's drive towards GMP, automated RNA production.

II.1.5) Estimated total value

Value excluding VAT: £760,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

Zoltan Kis from the University of Sheffield's department of Chemical and Biological Engineering with funding from Innovate UK is seeking a supplier to collaborate on the creation of an automated and compact GMP manufacturing system. The provider will be responsible for the design and prototyping of a custom system in-order to support the group's drive towards GMP, automated RNA production.

The high-level work required is:

- The provider will work with The Kis Group to generate an engineering specification that

meets their bioprocess. To achieve this the provider must have a working understanding of standard bioprocess techniques and have hands-on laboratory experience.

- The provider will generate high-level concepts to be discussed and reviewed by The Kis Group.
- The provider will then work with The Kis Group to allocate specific sections of work packages between the provider and The Kis Group.
- The provider will start by completing work packages that automate each of the individual RNA production steps (IVT, purification, LNP formation). For each of these work packages the provider will design concepts, review them with The Kis Group, generate manufacture files and source parts.
- The provider will assist The Kis Group in testing the sub-system prototypes in the biology lab. The provider must therefore have a team member with experience in biology labs.
- After subsystems are validated the provider will be responsible for designing a complete integrated system. Following concept design the provider will generate manufacturing documents and source components. The provider will work with The Kis Group to validate the integrated system against key bioprocess outputs.

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

24

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 III. Legal, economic, financial and technical information

III.1) Conditions for participation

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.1.8) 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

17 October 2023

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

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

17 October 2023

Local time

12:01pm

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

University of Sheffield

Sheffield

S10 2TN

Email

james.noble@sheffield.ac.uk

Country

United Kingdom