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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](mailto: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

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**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

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## **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

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## **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

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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**

University of Sheffield

Sheffield

S10 2TN

Email

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

Country

United Kingdom