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Tender

## **Determination of hydrogen cyanide (HCN) bioavailability after food consumption.**

Food Standards Agency

F02: Contract notice

Notice identifier: 2024/S 000-030293

Procurement identifier (OCID): ocds-h6vhtk-049ce0

Published 23 September 2024, 10:59am

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

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

Food Standards Agency

YO1 7PR

York

7PR

#### **Email**

[fsa.commercial@food.gov.uk](mailto:fsa.commercial@food.gov.uk)

#### **Country**

United Kingdom

#### **Region code**

UKI32 - Westminster

#### **Internet address(es)**

Main address

<https://www.food.gov.uk/>

Buyer's address

<https://www.food.gov.uk/>

### **I.3) Communication**

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

<https://health-family.force.com/s/Welcome>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://health-family.force.com/s/Welcome>

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

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://health-family.force.com/s/Welcome>

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

Ministry or any other national or federal authority

### **I.5) Main activity**

General public services

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## Section II: Object

### II.1) Scope of the procurement

#### II.1.1) Title

Determination of hydrogen cyanide (HCN) bioavailability after food consumption.

#### II.1.2) Main CPV code

- 73000000 - Research and development services and related consultancy services

#### II.1.3) Type of contract

Services

#### II.1.4) Short description

This opportunity has previously been published under ref. 2024/S 000-026248. This notice serves to inform suppliers of an extension to this opportunity.

Tenders are invited to carry out an investigation using an in vitro gut model and/or in silico research methods to determine the bioavailability of hydrogen cyanide in bitter apricot kernels, linseed, almonds, cassava root, marzipan, persipan and tapioca following consumption.

#### II.1.5) Estimated total value

Value excluding VAT: £250,000

#### II.1.6) Information about lots

This contract is divided into lots: No

### II.2) Description

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

- 73000000 - Research and development services and related consultancy services

#### II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

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

Tenders are invited to carry out an investigation using an in vitro gut model and/or in silico research methods to determine the bioavailability of hydrogen cyanide in bitter apricot kernels, linseed, almonds, cassava root, marzipan, persipan and tapioca following consumption. It is proposed that tenders carry out an investigation in two parts, with preliminary studies used to identify the levels of CNGs, enzymes and HCN in different food types, and a secondary in vitro or in silico model to consider the effects of the gut on HCN bioavailability.

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

Price

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

Value excluding VAT: £250,000

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

Start date

1 November 2024

End date

31 March 2026

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 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: No

### **IV.2) Administrative information**

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

Date

14 October 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: 14 October 2024

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

Date

19 August 2024

Local time

8:00am

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## **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**

Food Standards Agency

Floors 6 and 7, Clive House, 70 Petty France

London

SW1H 9EX

Country

United Kingdom

Internet address

<https://www.food.gov.uk/>