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**Ireland-Limerick: Laboratory, optical and precision equipments (excl. glasses)  
2023/S 195-610570**

**Contract notice**

**Supplies**

**Legal Basis:**

Directive 2014/24/EU

**Section I: Contracting authority**

**I.1) Name and addresses**

Official name: Education Procurement Service EPS

Postal address: Castletroy Limerick

Town: Limerick

NUTS code: IE Éire / Ireland

Postal code: V94 DK53

Country: Ireland

E-mail:

**Internet address(es):**

Main address:

Address of the buyer profile:

**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,

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted to the abovementioned address

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

Other type: Trinity College Dublin

**I.5) Main activity**

Education

**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title:**

LA2624C - TCD - RFT for the Supply, Delivery, Installation, and Commissioning of a Gas Chromatograph Mass Spectrometer and Autosampler for Trinity College Dublin

Reference number: LA2624C

**II.1.2) Main CPV code**

38000000 Laboratory, optical and precision equipments (excl. glasses)

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description:**

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Tenders are invited for the Supply and delivery of a Gas Chromatograph Mass Spectrometer and Autosampler, for Trinity College Dublin (TCD). A state-of-the-art instrument (or suite of instruments) is required to perform Fatty Acid Methyl Ester (FAME) analysis and Antioxidants analysis of liquid fuels, including petroleum distillates, crude oils, and extending to fuels that result from experimental synthetic processes, in general accordance with ASTM D4054. The methodology of FAME analysis should be in accordance with IP 585 and the instrument must be provided with all necessary attachments as per the aforementioned standard. This instrument will be used for analysis of complex semi-volatile fuel mixtures. In particular, GC/MS spectra will be generated that will require the support of an extensive natural product and petroleum products mass spectral database (FAME analysis, antioxidants type database and petroleum components database). In addition, the device/software must be able to perform the Selective Ion Monitoring (SIM) method of separating components present in the complex hydrocarbon mixtures. As an additional research capability, the instrument package proposed should be able to perform the standard procedures mentioned in ASTM D2425, EPA Method 8260, EPA Method 8270 and UDR-FC-M-102

II.1.5) **Estimated total value**

Value excluding VAT: 115 000.00 EUR

II.1.6) **Information about lots**

This contract is divided into lots: no

II.2) **Description**

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

38432210 Gas chromatographs

38432200 Chromatographs

38522000 Chromatographic scanners

38433000 Spectrometers

38433100 Mass spectrometer

II.2.3) **Place of performance**

NUTS code: IE Éire / Ireland

Main site or place of performance:

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

Tenders are invited for the Supply and delivery of a Gas Chromatograph Mass Spectrometer and Autosampler, for Trinity College Dublin (TCD). A state-of-the-art instrument (or suite of instruments) is required to perform Fatty Acid Methyl Ester (FAME) analysis and Antioxidants analysis of liquid fuels, including petroleum distillates, crude oils, and extending to fuels that result from experimental synthetic processes, in general accordance with ASTM D4054. The methodology of FAME analysis should be in accordance with IP 585 and the instrument must be provided with all necessary attachments as per the aforementioned standard. This instrument will be used for analysis of complex semi-volatile fuel mixtures. In particular, GC/MS spectra will be generated that will require the support of an extensive natural product and petroleum products mass spectral database (FAME analysis, antioxidants type database and petroleum components database). In addition, the device/software must be able to perform the Selective Ion Monitoring (SIM) method of separating components present in the complex hydrocarbon mixtures. As an additional research capability, the instrument package proposed should be able to perform the standard procedures mentioned in ASTM D2425, EPA Method 8260, EPA Method 8270 and UDR-FC-M-102

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**

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Value excluding VAT: 115 000.00 EUR

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

Duration in months: 12

This contract is subject to renewal: yes

Description of renewals:

The Contracting Authority reserves the right to extend the Term of warranty and/or service contracts for a period or periods of up to [1 Year] with a maximum of (4) such extension or extensions on the same terms and conditions, subject to the Contracting Authority's obligations at law.

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.2.14) **Additional information**

**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:

Please see RFT documents for further detail

III.1.2) **Economic and financial standing**

List and brief description of selection criteria:

Please see RFT documents for further detail

III.1.3) **Technical and professional ability**

List and brief description of selection criteria:

Please see RFT documents for further detail

**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**

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: 07/11/2023

Local time: 14:00

IV.2.3) **Estimated date of dispatch of invitations to tender or to participate to selected candidates**

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

English

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

Date: 07/11/2023

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Local time: 14:30

**Section VI: Complementary information**

VI.1) **Information about recurrence**

This is a recurrent procurement: no

VI.3) **Additional information:**

VI.4) **Procedures for review**

VI.4.1) **Review body**

Official name: Office of the High Court

Town: Dublin

Country: Ireland

VI.5) **Date of dispatch of this notice:**

05/10/2023