Ireland-Limerick: Laboratory, optical and precision equipments (excl. glasses)
OJ S 178/2023 15/09/2023
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: lisa.noble@ul.ie
Internet address(es):
Main address: https://www.etenders.gov.ie
Address of the buyer profile: https://www.etenders.gov.ie

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: https://www.etenders.gov.ie
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

Body governed by public law

I.5. Main activity

Education

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

LA2625C UCC RFT for the Supply of a Microscope-based Laser Doppler Vibrometer.
Reference number: LA2625C

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

Tenders are sought for the supply, delivery, installation, and commissioning of a Microscope based Laser Doppler Vibrometer (LDV). The scope of this tender is to purchase a Microscope-

based Laser Doppler Vibrometer capable of non-contact vibration measurement of MEMS (micro-electro-mechanical systems) devices with vibrational resonances ranging from near-DC to 2.5 GHz. To also include all necessary training and warranties. The Microscope-based Laser Doppler Vibrometer (LDV) must fulfil the minimum specifications listed below. At Tyndall we fabricate and test a wide range of MEMS transducer devices. For almost all of these devices, understanding the resonance frequency signature and the resonance mode shapes is of critical importance. This is because many of these are operated in a dynamic vibratory mode (e.g. vibrational energy harvesters, ultrasonic resonators, micro-pumps, inertial sensors, and acoustic wave resonators) and even for those that do not operate in vibration (e.g. pressure sensors, RF switches and micro-manipulators), understanding their vibratory response is critical to device characterisation and iteration. Consequently, a Microscope-based Laser Doppler Vibrometer (LDV) system is required to study the mechanical vibratory properties and dynamic response of these devices.

II.1.5. Estimated total value

Value excluding VAT: 400 000,00 EUR

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

38510000 Microscopes, 38636100 Lasers, 38900000 Miscellaneous evaluation or testing instruments, 38300000 Measuring instruments, 33124100 Diagnostic devices

II.2.3. Place of performance

NUTS code: IE Éire / Ireland

II.2.4. Description of the procurement

Tenders are sought for the supply, delivery, installation, and commissioning of a Microscope based Laser Doppler Vibrometer (LDV). The scope of this tender is to purchase a Microscope-based Laser Doppler Vibrometer capable of non-contact vibration measurement of MEMS (micro-electro-mechanical systems) devices with vibrational resonances ranging from near-DC to 2.5 GHz. To also include all necessary training and warranties. The Microscope-based Laser Doppler Vibrometer (LDV) must fulfil the minimum specifications listed below. At Tyndall we fabricate and test a wide range of MEMS transducer devices. For almost all of these devices, understanding the resonance frequency signature and the resonance mode shapes is of critical importance. This is because many of these are operated in a dynamic vibratory mode (e.g. vibrational energy harvesters, ultrasonic resonators, micro-pumps, inertial sensors, and acoustic wave resonators) and even for those that do not operate in vibration (e.g. pressure sensors, RF switches and micro-manipulators), understanding their vibratory response is critical to device characterisation and iteration. Consequently, a Microscope-based Laser Doppler Vibrometer (LDV) system is required to study the mechanical vibratory properties and dynamic response of these devices.

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

Value excluding VAT: 400 000,00 EUR

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

Duration in days: 180

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

II.2.14. Additional information

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.2. Economic and financial standing

List and brief description of selection criteria:

See procurement documents

III.1.3. Technical and professional ability

List and brief description of selection criteria:

See procurement documents

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: 12/10/2023 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: 12/10/2023 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: The Office of the high court
Town: dublin
Country: Ireland

VI.5. Date of dispatch of this notice

12/09/2023