

Ireland-Limerick: Laboratory, optical and precision equipments (excl. glasses)

OJ S 198/2023 13/10/2023

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: siobhan.a.ryan@ul.ie

Internet address(es):

Main address: <https://www.etenders.gov.ie>

Address of the buyer profile: <https://www.etenders.gov.ie>

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, 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

LA2479C - UL - RFT for Supply of Equipment for the High-Resolution Transmission Electron Microscope (TEM) facility (3 Lots) at the University of Limerick

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

The current High Resolution Transmission Electron Microscopy (TEM) facility at the Bernal Institute comprises a field-emission JEOL 2100F and a Thermofisher aberration correction and monochromated Titan Themis cubed TEM. The JEOL 2100F TEM is in active use for the purpose of bright field (BF) and dark field (DF) TEM imaging, electron diffraction, high resolution (HR)-TEM, scanning TEM (STEM), with high angle annular dark field (HAADF), BF and secondary electron (SE2) detectors, energy dispersive X-ray (EDX) spectrometry analysis, and tomography. The Titan Themis is in active use for HR-TEM and HAADF STEM (facilitated by image and probe correctors). Analytical capabilities include EDX spectroscopy and dual electron energy loss spectroscopy (EELS). Associated holders for the Titan allow in situ analysis with heating and electrical biasing capabilities in vacuum, liquid, and gas phase environments, including gas mixing. Tenders are sought for the Supply of Equipment for the High-Resolution Transmission Electron Microscope (TEM) facility. Three items of equipment are to be purchased. (i) a transmission electron microscope (ii) an in-situ indenter and (iii) an automated vitrification instrument for rapid cooling of samples These instruments will be installed in the basement of the MSSl building of the Bernal Institute at the University of Limerick. A floor plan of the intended location is provided – document reference LA2479C TEM room requirements.

II.1.5. Estimated total value

Value excluding VAT: 1 184 264,00 EUR

II.1.6. Information about lots

This contract is divided into lots: yes

Tenders may be submitted for maximum number of lots: 3

II.2. Description

II.2.1. Title

Transmission electron microscope (TEM)

Lot No: 1

II.2.2. Additional CPV code(s)

38510000 Microscopes, 38511000 Electron microscopes, 38511200 Transmission electron microscope, 33124100 Diagnostic devices, 33124110 Diagnostic systems, 38300000 Measuring instruments, 38340000 Instruments for measuring quantities, 38400000 Instruments for checking physical characteristics, 38900000 Miscellaneous evaluation or testing instruments

II.2.3. Place of performance

NUTS code: IE Éire / Ireland

II.2.4. Description of the procurement

The current High Resolution Transmission Electron Microscopy (TEM) facility at the Bernal Institute comprises a field-emission JEOL 2100F and a Thermofisher aberration correction and monochromated Titan Themis cubed TEM. The JEOL 2100F TEM is in active use for the purpose of bright field (BF) and dark field (DF) TEM imaging, electron diffraction, high resolution (HR)-TEM, scanning TEM (STEM), with high angle annular dark field (HAADF), BF and secondary electron (SE2) detectors, energy dispersive X-ray (EDX) spectrometry analysis, and tomography. The Titan Themis is in active use for HR-TEM and HAADF STEM (facilitated by image and probe correctors). Analytical capabilities include EDX spectroscopy and dual electron energy loss spectroscopy (EELS). Associated holders for the Titan allow in

situ analysis with heating and electrical biasing capabilities in vacuum, liquid, and gas phase environments, including gas mixing. Tenders are sought for the Supply of Equipment for the High-Resolution Transmission Electron Microscope (TEM) facility. Three items of equipment are to be purchased. (i) a transmission electron microscope (ii) an in-situ indenter and (iii) an automated vitrification instrument for rapid cooling of samples These instruments will be installed in the basement of the MSSSI building of the Bernal Institute at the University of Limerick. A floor plan of the intended location is provided – document reference LA2479C TEM room requirements.

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: 1 184 264,00 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 (3) 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

II.2. Description

II.2.1. Title

In situ TEM indenter

Lot No: 2

II.2.2. Additional CPV code(s)

38510000 Microscopes, 38511000 Electron microscopes, 38511200 Transmission electron microscope, 33124100 Diagnostic devices, 33124110 Diagnostic systems, 38300000 Measuring instruments, 38340000 Instruments for measuring quantities, 38400000 Instruments for checking physical characteristics, 38900000 Miscellaneous evaluation or testing instruments

II.2.3. Place of performance

NUTS code: IE Éire / Ireland

II.2.4. Description of the procurement

The current High Resolution Transmission Electron Microscopy (TEM) facility at the Bernal Institute comprises a field-emission JEOL 2100F and a Thermofisher aberration correction and monochromated Titan Themis cubed TEM. The JEOL 2100F TEM is in active use for the purpose of bright field (BF) and dark field (DF) TEM imaging, electron diffraction, high resolution (HR)-TEM, scanning TEM (STEM), with high angle annular dark field (HAADF), BF and secondary electron (SE2) detectors, energy dispersive X-ray (EDX) spectrometry analysis, and tomography. The Titan Themis is in active use for HR-TEM and HAADF STEM (facilitated by image and probe correctors). Analytical capabilities include EDX spectroscopy and dual electron energy loss spectroscopy (EELS). Associated holders for the Titan allow in situ analysis with heating and electrical biasing capabilities in vacuum, liquid, and gas phase environments, including gas mixing. Tenders are sought for the Supply of Equipment for the High-Resolution Transmission Electron Microscope (TEM) facility. Three items of equipment are to be purchased. (i) a transmission electron microscope (ii) an in-situ indenter and (iii) an automated vitrification instrument for rapid cooling of samples These instruments will be installed in the basement of the MSSSI building of the Bernal Institute at the University of Limerick. A floor plan of the intended location is provided – document reference LA2479C TEM room requirements.

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: 1 184 264,00 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 (3) 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

II.2. Description

II.2.1. Title

Automated vitrification instrument for rapid cooling of TEM samples

Lot No: 3

II.2.2. Additional CPV code(s)

38510000 Microscopes, 38511000 Electron microscopes, 38511200 Transmission electron

microscope, 33124100 Diagnostic devices, 33124110 Diagnostic systems, 38300000 Measuring instruments, 38340000 Instruments for measuring quantities, 38400000 Instruments for checking physical characteristics, 38900000 Miscellaneous evaluation or testing instruments

II.2.3. Place of performance

NUTS code: IE Éire / Ireland

II.2.4. Description of the procurement

The current High Resolution Transmission Electron Microscopy (TEM) facility at the Bernal Institute comprises a field-emission JEOL 2100F and a Thermofisher aberration correction and monochromated Titan Themis cubed TEM. The JEOL 2100F TEM is in active use for the purpose of bright field (BF) and dark field (DF) TEM imaging, electron diffraction, high resolution (HR)-TEM, scanning TEM (STEM), with high angle annular dark field (HAADF), BF and secondary electron (SE2) detectors, energy dispersive X-ray (EDX) spectrometry analysis, and tomography. The Titan Themis is in active use for HR-TEM and HAADF STEM (facilitated by image and probe correctors). Analytical capabilities include EDX spectroscopy and dual electron energy loss spectroscopy (EELS). Associated holders for the Titan allow in situ analysis with heating and electrical biasing capabilities in vacuum, liquid, and gas phase environments, including gas mixing. Tenders are sought for the Supply of Equipment for the High-Resolution Transmission Electron Microscope (TEM) facility. Three items of equipment are to be purchased. (i) a transmission electron microscope (ii) an in-situ indenter and (iii) an automated vitrification instrument for rapid cooling of samples These instruments will be installed in the basement of the MSSl building of the Bernal Institute at the University of Limerick. A floor plan of the intended location is provided – document reference LA2479C TEM room requirements.

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II.2.6. Estimated value

Value excluding VAT: 1 184 264,00 EUR

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

Duration in months: 12

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

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 (3) such extension or extensions on the same terms and conditions, subject to the Contracting Authority's obligations at law.

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 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: 13/11/2023 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: 13/11/2023 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: Office of High Court

Town: Dublin

Country: Ireland

VI.5. Date of dispatch of this notice

09/10/2023