

IRELAND: LABORATORY, OPTICAL AND PRECISION EQUIPMENTS (EXCL. GLASSES) LA2479C - UL - RFT FOR SUPPLY OF EQUIPMENT FOR THE HIGH-RESOLUTION TRANSMISSION ELECTRON MICROSCOPE (TEM) FACILITY (3 LOTS) AT THE UNIVERSITY OF LIMERICK

Contract or concession award notice – standard regime

1 Buyer

1.1 Buyer

Official name: Education Procurement Service (EPS)

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2 Procedure

2.1 Procedure

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

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 MSI 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.

Procedure identifier: ed370889-de9a-49e5-8fa4-434c581fc19b

Type of procedure: Open

The procedure is accelerated: no

Justification for the accelerated procedure:

Main features of the procedure:

2.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

Additional classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38511000 Electron microscopes

Additional classification (cpv): 38511200 Transmission electron microscope

Additional classification (cpv): 33124100 Diagnostic devices

Additional classification (cpv): 33124110 Diagnostic systems

Additional classification (cpv): 38300000 Measuring instruments

Additional classification (cpv): 38340000 Instruments for measuring quantities
Additional classification (cpv): 38400000 Instruments for checking physical characteristics
Additional classification (cpv): 38900000 Miscellaneous evaluation or testing instruments

2.1.2 Place of performance

Country subdivision (NUTS): Dublin (IE061)
Country: Ireland

2.1.3 Value

Estimated value excluding VAT: 1 184 264 Euro

2.1.4 General information

Legal basis:
Directive 2014/24/EU

5 Lot

5.1 Lot technical ID: LOT-0001

Title: Transmission electron microscope (TEM)

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.

Internal identifier: 1

5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

Additional classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38511000 Electron microscopes

Additional classification (cpv): 38511200 Transmission electron microscope

Additional classification (cpv): 33124100 Diagnostic devices

Additional classification (cpv): 33124110 Diagnostic systems

Additional classification (cpv): 38300000 Measuring instruments

Additional classification (cpv): 38340000 Instruments for measuring quantities

Additional classification (cpv): 38400000 Instruments for checking physical characteristics

Additional classification (cpv): 38900000 Miscellaneous evaluation or testing instruments

5.1.2 Place of performance

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Additional information:

5.1.5 Value

Estimated value excluding VAT: 1 184 264 Euro

5.1.6 General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

5.1.7 Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.10 Award criteria

Criterion:

Type: Quality

Name:

Description: See CFT Documents

Weight (percentage, exact): 75

Criterion:

Type: Cost

Name:

Description: See CFT Documents

Weight (percentage, exact): 25

Description of the method to be used if weighting cannot be expressed by criteria:

Justification for not indicating the weighting of the award criteria:

5.1.15 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16 Further information, mediation and review

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: Education Procurement Service (EPS)

Organisation executing the payment: Education Procurement Service (EPS)

TED eSender: European Dynamics S.A.

5.1 Lot technical ID: LOT-0002

Title: In situ TEM indenter

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.

Internal identifier: 2

5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

Additional classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38511000 Electron microscopes

Additional classification (cpv): 38511200 Transmission electron microscope

Additional classification (cpv): 33124100 Diagnostic devices

Additional classification (cpv): 33124110 Diagnostic systems

Additional classification (cpv): 38300000 Measuring instruments

Additional classification (cpv): 38340000 Instruments for measuring quantities

Additional classification (cpv): 38400000 Instruments for checking physical characteristics

Additional classification (cpv): 38900000 Miscellaneous evaluation or testing instruments

5.1.2 Place of performance

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Additional information:

5.1.5 Value

Estimated value excluding VAT: 1 184 264 Euro

5.1.6 General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

5.1.7 Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.10 Award criteria

Criterion:

Type: Quality

Name:

Description: See CFT Documents

Weight (percentage, exact): 75

Criterion:

Type: Cost

Name:

Description: See CFT Documents

Weight (percentage, exact): 25

Description of the method to be used if weighting cannot be expressed by criteria:

Justification for not indicating the weighting of the award criteria:

5.1.15 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16 Further information, mediation and review

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: Education Procurement Service (EPS)

Organisation executing the payment: Education Procurement Service (EPS)

TED eSender: European Dynamics S.A.

5.1 Lot technical ID: LOT-0003

Title: Automated vitrification instrument for rapid cooling of TEM samples

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.

Internal identifier: 3

5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

Additional classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38511000 Electron microscopes

Additional classification (cpv): 38511200 Transmission electron microscope

Additional classification (cpv): 33124100 Diagnostic devices

Additional classification (cpv): 33124110 Diagnostic systems

Additional classification (cpv): 38300000 Measuring instruments

Additional classification (cpv): 38340000 Instruments for measuring quantities

Additional classification (cpv): 38400000 Instruments for checking physical characteristics

Additional classification (cpv): 38900000 Miscellaneous evaluation or testing instruments

5.1.2 Place of performance

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Additional information:

5.1.5 Value

Estimated value excluding VAT: 1 184 264 Euro

5.1.6 General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

5.1.7 Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.10 Award criteria

Criterion:

Type: Quality

Name:

Description: See CFT Documents

Weight (percentage, exact): 75

Criterion:

Type: Cost

Name:

Description: See CFT Documents

Weight (percentage, exact): 25

Description of the method to be used if weighting cannot be expressed by criteria:

Justification for not indicating the weighting of the award criteria:

5.1.15 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16 Further information, mediation and review

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: Education Procurement Service (EPS)

Organisation executing the payment: Education Procurement Service (EPS)

TED eSender: European Dynamics S.A.

6 Results

Value of all contracts awarded in this notice: 1 163 462 Euro

6.1 Result lot Identifier: LOT-0001

At least one winner was chosen.

6.1.2 Information about winners

Winner:

Official name: FEI UK Limited

Tender:

Tender identifier: 000031424

Identifier of lot or group of lots: LOT-0001

Subcontracting: No

Subcontracting value is known: no

Subcontracting percentage is known: no

Contract information:

Identifier of the contract: 406100

Date on which the winner was chosen: 22/01/2024

Date of the conclusion of the contract: 27/05/2024

The contract is awarded within a framework agreement: no

6.1 Result lot Identifier: LOT-0002

At least one winner was chosen.

6.1.2 Information about winners

Winner:

Official name: Bruker UK Limited_81635

Tender:

Tender identifier: 000031399

Identifier of lot or group of lots: LOT-0002

Subcontracting: No

Subcontracting value is known: no

Subcontracting percentage is known: no

Contract information:

Identifier of the contract: 406101

Date on which the winner was chosen: 22/01/2024

Date of the conclusion of the contract: 27/05/2024

The contract is awarded within a framework agreement: no

6.1 Result lot Identifier: LOT-0003

At least one winner was chosen.

6.1.2 Information about winners

Winner:

Official name: FEI UK Limited

Tender:

Tender identifier: 000031424

Identifier of lot or group of lots: LOT-0003

Subcontracting: No

Subcontracting value is known: no

Subcontracting percentage is known: no

Contract information:

Identifier of the contract: 406102

Date on which the winner was chosen: 22/01/2024

Date of the conclusion of the contract: 27/05/2024

The contract is awarded within a framework agreement: no

8 Organisations

8.1 ORG-0001

Official name: Education Procurement Service (EPS)

Registration number: IE 6609370 G

Postal address: Castletroy Limerick

Town: Limerick

Postcode: V94 DK53

Country: Ireland

Email: Info@educationprocurementservice.ie

Telephone: 061233715

Internet address: <https://www.educationprocurementservice.ie/>

Buyer profile: <https://www.educationprocurementservice.ie/>

Roles of this organisation:

Buyer

Organisation providing offline access to the procurement documents

Organisation executing the payment

8.1 ORG-0002

Official name: FEI UK Limited

Registration number: 02380120

Town: Altrincham

Country: United Kingdom

Email: francis.morrissey@thermofisher.com

Telephone: 020 79490374

Roles of this organisation:

Tenderer

Winner of these lots: LOT-0001 LOT-0003

8.1 ORG-0003

Official name: Bruker UK Limited_81635

Registration number: 923986

Town: Coventry

Country: United Kingdom

Email: sales.uk@bruker.com

Telephone: 024 7685 5200

Roles of this organisation:

Tenderer

Winner of these lots: LOT-0002

8.1 ORG-0004

Official name: The High Court of Ireland

Registration number: The High Court of Ireland

Department: The High Court of Ireland

Postal address: Four Courts, Inns Quay, Dublin 7

Town: Dublin

Postcode: D07 WDX8

Country: Ireland

Email: HighCourtCentralOffice@courts.ie

Telephone: +353 1 8886000

Roles of this organisation:

Review organisation

8.1 ORG-0005

Official name: European Dynamics S.A.

Registration number: 002024901000

Department: European Dynamics S.A.

Town: Athens

Country: Greece

Email: eproc-esender@eurodyn.com

Telephone: +30 2108094500

Roles of this organisation:

TED eSender

11 Notice information

11.1 Notice information

Notice identifier/version: fcb46686-2e8f-4333-a65a-b0744f19ecbe - 01

Form type: Result

Notice type: Contract or concession award notice – standard regime

Notice dispatch date: 09/07/2024 11:19 +01:00

Languages in which this notice is officially available: English

11.2 Publication information