

458590-2026 - Competition

Ireland – Laboratory, optical and precision equipments (excl. glasses) – Supply, delivery, installation Lot 1-300mm Electro-Magneto-Optical Probe Station and Lot 2-Device Parameter analyser for use with 300mm Electro Magneto-Optical Probe stationTyndall National Instit UCC
OJ S 126/2026 03/07/2026

Contract or concession notice – standard regime
Supplies

1. Buyer

1.1. Buyer

Official name: University College Cork

Email: procurement@ucc.ie

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2. Procedure

2.1. Procedure

Title: Supply, delivery, installation Lot 1-300mm Electro-Magneto-Optical Probe Station and Lot 2-Device Parameter analyser for use with 300mm Electro Magneto-Optical Probe stationTyndall National Instit UCC

Description: Within the CHIPS-JU NanoIC pilot line Tyndall is developing novel materials for embedded DRAM and 3D integration for future leading-edge integrated circuits. In NanoIC, Tyndall's flexibility into materials integration will allow for rapid, short-cycle screening to reduce the cycle time in identifying and integrating highly performing materials to carry forward into IC development. Our role is to provide agile wafer scale nanofabrication and processing beyond silicon for the integration of selected new materials – Transition Metal Dichalcogenides (TMDs) and oxide semiconductor (OSC) – and FET device architectures. The NanoIC teams at Tyndall will synthesize thin film TMDs and OSCs and will fabricate and test a wide range of materials and devices. Other activities may include compound semiconductors devices, wide band gap materials, photonic, magnetic or ferroelectric materials. The electrical properties and performance of these materials/devices are of significant importance. Consequently, a multi-function 300mm Electro-Magneto-Optical Probe Station (Lot 1) is required to study the electrical properties of these materials and devices under a range of temperature conditions. The Probe station, in combination with the Device Parameter analyser (Lot 2), will enable users to perform electrical measurements (current voltage both in DC and in pulsed mode) at different temperatures and under magnetic field or illumination as required.

Procedure identifier: 51098036-07bd-4158-8190-da10e0912ea7

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

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

Additional classification (cpv): 38300000 Measuring instruments, 38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus, 38600000 Optical instruments, 33141641 Probes, 38434000 Analysers

2.1.2. Place of performance

Country subdivision (NUTS): South-West (IE053)
Country: Ireland

2.1.3. Value

Estimated value excluding VAT: 490 000,00 EUR

2.1.4. General information

Legal basis:

Directive 2014/24/EU

2.1.5. Terms of procurement

Terms of submission:

Maximum number of lots for which one tenderer can submit tenders: 2

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

5. Lot

5.1. Lot: LOT-0001

Title: 300mm Electro-Magneto-Optical Probe Station

Description: Within the CHIPS-JU NanoIC pilot line Tyndall is developing novel materials for embedded DRAM and 3D integration for future leading-edge integrated circuits. In NanoIC, Tyndall's flexibility into materials integration will allow for rapid, short-cycle screening to reduce the cycle time in identifying and integrating highly performing materials to carry forward into IC development. Our role is to provide agile wafer scale nanofabrication and processing beyond silicon for the integration of selected new materials – Transition Metal Dichalcogenides (TMDs) and oxide semiconductor (OSC) – and FET device architectures. The NanoIC teams at Tyndall will synthesize thin film TMDs and OSCs and will fabricate and test a wide range of materials and devices. Other activities may include compound semiconductor devices, wide band gap materials, photonic, magnetic or ferroelectric materials. The electrical properties and performance of these materials/devices are of significant importance. Consequently, a multi-function 300mm Electro-Magneto-Optical Probe Station (Lot 1) is required to study the electrical properties of these materials and devices under a range of temperature conditions. The Probe station, in combination with the Device Parameter analyser (Lot 2), will enable users to perform electrical measurements (current voltage both in DC and in pulsed mode) at different temperatures and under magnetic field or illumination as required.

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): 38300000 Measuring instruments, 38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus, 38600000 Optical instruments, 33141641 Probes, 38434000 Analysers

5.1.2. Place of performance

Country subdivision (NUTS): South-West (IE053)

Country: Ireland

5.1.3. Estimated duration

Duration: 12 Months

5.1.5. Value

Estimated value excluding VAT: 490 000,00 EUR

5.1.6. General information

Reserved participation:

Participation is not reserved.

Procurement Project fully or partially financed with EU Funds.

Information about European Union funds:

EU funds programme: Horizon Europe – the Framework Programme for Research and Innovation (2021/2027)

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

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Languages in which the procurement documents (or their parts) are unofficially available: English

Deadline for requesting additional information: 27/07/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

Address of the procurement documents: <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=8553247>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.etenders.gov.ie/epps/cft/viewTenders.do?resourceId=8553247>

Languages in which tenders or requests to participate may be submitted: English

Electronic catalogue: Not allowed

Tenderers may submit more than one tender: Allowed

Deadline for receipt of tenders: 04/08/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

Duration during which the tender must remain valid: 180 Days

Information about public opening:

Opening date: 04/08/2026 12:30:00 (UTC+01:00) Central European Time, Western European Summer Time

Place: <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=8553247>

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: Not yet known

Electronic invoicing: Required
Electronic ordering will be used: yes
Electronic payment will be used: yes

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: University College Cork

Organisation providing more information on the review procedures: The High Court of Ireland

Organisation receiving requests to participate: University College Cork

Organisation processing tenders: University College Cork

5.1. Lot: LOT-0002

Title: Device Parameter Analyser for use with 300mm Electro-Magneto-Optical Probe Station

Description: Within the CHIPS-JU NanoIC pilot line Tyndall is developing novel materials for embedded DRAM and 3D integration for future leading-edge integrated circuits. In NanoIC, Tyndall's flexibility into materials integration will allow for rapid, short-cycle screening to reduce the cycle time in identifying and integrating highly performing materials to carry forward into IC development. Our role is to provide agile wafer scale nanofabrication and processing beyond silicon for the integration of selected new materials – Transition Metal Dichalcogenides (TMDs) and oxide semiconductor (OSC) – and FET device architectures. The NanoIC teams at Tyndall will synthesize thin film TMDs and OSCs and will fabricate and test a wide range of materials and devices. Other activities may include compound semiconductor devices, wide band gap materials, photonic, magnetic or ferroelectric materials. The electrical properties and performance of these materials/devices are of significant importance. Consequently, a multi-function 300mm Electro-Magneto-Optical Probe Station (Lot 1) is required to study the electrical properties of these materials and devices under a range of temperature conditions. The Probe station, in combination with the Device Parameter analyser (Lot 2), will enable users to perform electrical measurements (current voltage both in DC and in pulsed mode) at different temperatures and under magnetic field or illumination as required.

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): 38300000 Measuring instruments, 38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus, 38600000

Optical instruments, 33141641 Probes, 38434000 Analysers

5.1.2. Place of performance

Country subdivision (NUTS): South-West (IE053)

Country: Ireland

5.1.3. Estimated duration

Duration: 12 Months

5.1.5. Value

Estimated value excluding VAT: 490 000,00 EUR

5.1.6. General information

Reserved participation:

Participation is not reserved.

Procurement Project fully or partially financed with EU Funds.

Information about European Union funds:

EU funds programme: Horizon Europe – the Framework Programme for Research and Innovation (2021/2027)

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

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Languages in which the procurement documents (or their parts) are unofficially available: English

Deadline for requesting additional information: 27/07/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

Address of the procurement documents: <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=8553247>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.etenders.gov.ie/epps/cft/viewTenders.do?resourceId=8553247>

Languages in which tenders or requests to participate may be submitted: English

Electronic catalogue: Not allowed

Tenderers may submit more than one tender: Allowed

Deadline for receipt of tenders: 04/08/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

Duration during which the tender must remain valid: 180 Days

Information about public opening:

Opening date: 04/08/2026 12:30:00 (UTC+01:00) Central European Time, Western European Summer Time

Place: <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=8553247>

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: Not yet known

Electronic invoicing: Required

Electronic ordering will be used: yes

Electronic payment will be used: yes

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: University College Cork

Organisation providing more information on the review procedures: The High Court of Ireland

Organisation receiving requests to participate: University College Cork

Organisation processing tenders: University College Cork

8. Organisations

8.1. ORG-0001

Official name: University College Cork

Registration number: IE0006286E

Postal address: University College Cork, 6 Elderwood, College Road

Town: Cork

Postcode: T12 VH39

Country subdivision (NUTS): South-West (IE053)

Country: Ireland

Email: procurement@ucc.ie

Telephone: +353 21 4903514

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

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

Roles of this organisation:

Buyer

Organisation providing offline access to the procurement documents

Organisation receiving requests to participate

Organisation processing tenders

8.1. ORG-0002

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 subdivision (NUTS): Dublin (IE061)

Country: Ireland

Email: HighCourtCentralOffice@courts.ie

Telephone: +353 1 8886000

Roles of this organisation:

Review organisation

Organisation providing more information on the review procedures

8.1. ORG-0003

Official name: European Dynamics S.A.

Registration number: 002024901000

Department: European Dynamics S.A.

Town: Athens

Postcode: 15125

Country subdivision (NUTS): Βόρειος Τομέας Αθηνών (EL301)

Country: Greece

Email: eproc-esender@eurodyn.com

Telephone: +30 2108094500

Roles of this organisation:

TED eSender

Notice information

Notice identifier/version: 425faf1e-e7f4-481c-b5cb-42f199fa3909 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 16

Notice dispatch date: 01/07/2026 16:26:53 (UTC+01:00) Central European Time, Western European Summer Time

Languages in which this notice is officially available: English

Notice publication number: 458590-2026

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