

Ireland: Microscopes

The Supply, Delivery and Validation of a Digital Microscope System for Tyndall National Institute, University College Cork

Contract or concession notice – standard regime

1 Buyer

1.1 Buyer

Official name: University College Cork

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2 Procedure

2.1 Procedure

Title: The Supply, Delivery and Validation of a Digital Microscope System for Tyndall National Institute, University College Cork

Description: Tenders are required to provide a digital microscope system for advanced inspection, characterization, imaging, and dimensional analysis of electronic and microelectronic structures. The system will be used for high-resolution observation and measurement of multilayer PCB structures, integrated circuit dies, semiconductor devices, 3D-printed electronic components, interconnects, solder joints, micro-vias, and related laboratory samples. The proposed system must provide integrated hardware and software capabilities for high-resolution imaging, 2D and 3D measurement, surface profiling, focus stacking, image stitching, tilted observation, and automated repetition of setup conditions such as image capturing and 2D/3D surface characterization. The system must operate as a fully integrated bench-top solution, including embedded computing and all software licenses required for measurement, characterization, image acquisition, analysis, and data export.

Procedure identifier: a1e8908d-6630-48e0-9e5e-f1447060f24e

Type of procedure: Open

The procedure is accelerated: no

2.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38518000 Wide field, stereo or dissecting light microscopes

Additional classification (cpv): 38513200 Metallurgical microscopes

Additional classification (cpv): 38518200 Stereo or dissecting light microscopes

Additional classification (cpv): 38513000 Inverted and metallurgical microscopes

2.1.2 Place of performance

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

Country: Ireland

2.1.3 Value

Estimated value excluding VAT: 65 450 Euro

2.1.4 General information

Legal basis:

Directive 2014/24/EU

2.1.6 Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

5 Lot

5.1 Lot: LOT-0001

Title: The Supply, Delivery and Validation of a Digital Microscope System for Tyndall National Institute, University College Cork

Description: Tenders are required to provide a digital microscope system for advanced inspection, characterization, imaging, and dimensional analysis of electronic and microelectronic structures. The system will be used for high-resolution observation and measurement of multilayer PCB structures, integrated circuit dies, semiconductor devices, 3D-printed electronic components, interconnects, solder joints, micro-vias, and related laboratory samples. The proposed system must provide integrated hardware and software capabilities for high-resolution imaging, 2D and 3D measurement, surface profiling, focus stacking, image stitching, tilted observation, and automated repetition of setup conditions such as image capturing and 2D/3D surface characterization. The system must operate as a fully integrated bench-top solution, including embedded computing and all software licenses required for measurement, characterization, image acquisition, analysis, and data export.

Internal identifier: 0

5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38510000 Microscopes

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Additional classification (cpv): 38518200 Stereo or dissecting light microscopes

Additional classification (cpv): 38513000 Inverted and metallurgical microscopes

5.1.2 Place of performance

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

Country: Ireland

Additional information:

5.1.3 Estimated duration

Duration: 12 Month

5.1.5 Value

Estimated value excluding VAT: 65 450 Euro

5.1.6 General information

Reserved participation: Participation is not reserved.

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

5.1.9 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: 30/06/2026 14:00 +01:00
Address of the procurement documents: <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=8408949>

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=8408949>

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

Electronic catalogue: Not allowed

Tenderers may submit more than one tender: Not allowed

Deadline for receipt of tenders: 07/07/2026 14:00 +01:00

Duration during which the tender must remain valid: 180 Day

Information about public opening:

Opening date: 07/07/2026 14:30 +01:00

Place: <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=8408949>

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

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: cc4a999a-bbbc-42b7-a946-6a140a488578 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice dispatch date: 15/06/2026 10:59 +01:00

Languages in which this notice is officially available: English