

Ireland: Scanning probe microscopes

The Supply, Delivery and Validation of a Desktop Scanning Electron Microscope (SEM) for University College Cork (UCC)

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 Desktop Scanning Electron Microscope (SEM) for University College Cork (UCC)

Description: Tenders are sought for the supply, delivery and validation of a desktop Scanning Electron Microscope (SEM) to the School of Food and Nutritional Sciences at University College Cork (UCC). The Food Packaging and Material Sciences Research Group in the School of Food and Nutritional Sciences is focussed on research into various aspects of food packaging, including the development of new and sustainable packaging materials for enhanced quality and shelf-life of food products. Currently, research is being conducted into the use of natural and sustainable hydrophobic compounds (e.g. zein) and biodegradable polymers (e.g. chitosan) to produce multi-functional packaging materials with enhanced moisture barrier characteristics. A benchtop SEM is required by the research group for daily sub-micron characterisation of packaging materials (sub-micron pattern formation i.e. segregative phase separation). Following segregative phase separation and the production of patterned materials, sub micron characterisation will be required to control the route of phase separation, pattern morphology, monitor growth mechanisms of packaging surfaces and produce patterns with desirable characteristics etc.

Procedure identifier: 6eee7fdb-3525-421b-a08b-f5a357793a7c

Type of procedure: Open

The procedure is accelerated: no

2.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38514200 Scanning probe microscopes

Additional classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38511100 Scanning electron microscopes

Additional classification (cpv): 38511000 Electron microscopes

2.1.2 Place of performance

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

2.1.3 Value

Estimated value excluding VAT: 6 375 862 Euro

2.1.4 General information

Legal basis:

2.1.6 Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

5 Lot

5.1 Lot technical ID: LOT-0001

Title: The Supply, Delivery and Validation of a Desktop Scanning Electron Microscope (SEM) for University College Cork (UCC)

Description: Tenders are sought for the supply, delivery and validation of a desktop Scanning Electron Microscope (SEM) to the School of Food and Nutritional Sciences at University College Cork (UCC). The Food Packaging and Material Sciences Research Group in the School of Food and Nutritional Sciences is focussed on research into various aspects of food packaging, including the development of new and sustainable packaging materials for enhanced quality and shelf-life of food products. Currently, research is being conducted into the use of natural and sustainable hydrophobic compounds (e.g. zein) and biodegradable polymers (e.g. chitosan) to produce multi-functional packaging materials with enhanced moisture barrier characteristics. A benchtop SEM is required by the research group for daily sub-micron characterisation of packaging materials (sub-micron pattern formation i.e. segregative phase separation). Following segregative phase separation and the production of patterned materials, sub micron characterisation will be required to control the route of phase separation, pattern morphology, monitor growth mechanisms of packaging surfaces and produce patterns with desirable characteristics etc.

Internal identifier: 0

5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38514200 Scanning probe microscopes

Additional classification (cpv): 38510000 Microscopes

Additional classification (cpv): 38511100 Scanning electron microscopes

Additional classification (cpv): 38511000 Electron microscopes

5.1.2 Place of performance

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Additional information:

5.1.3 Estimated duration

Duration: 12 Month

5.1.5 Value

Estimated value excluding VAT: 6 275 862 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: 09/01/2026 14:00 +00:00

Address of the procurement documents: <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=7176077>

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=7176077>

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: 16/01/2026 14:00 +00:00

Deadline until which the tender must remain valid: 180 Day

Information about public opening:

Opening date: 16/01/2026 14:30 +00:00

Place: <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=7176077>

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): Dublin (IE061)

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: b067311e-af77-4e08-a0dc-084fb9eacaa0 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice dispatch date: 11/12/2025 12:09 +00:00

Languages in which this notice is officially available: English