

## 435745-2026 - Competition

**Ireland – Laboratory, optical and precision equipments (excl. glasses) – Supply, Delivery, Installation, Commissioning, and Validation of an Integrated Glove Box-Linked Dual Atomic Layer Deposition (ALD) Reactor System with Collocated Ellipsometer System for Tyndall, UCC**  
**OJ S 120/2026 25/06/2026**

**Contract or concession notice – standard regime**  
**Supplies**

### 1. Buyer

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#### 1.1. Buyer

Official name: University College Cork

Email: [procurement@ucc.ie](mailto:procurement@ucc.ie)

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

### 2. Procedure

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#### 2.1. Procedure

Title: Supply, Delivery, Installation, Commissioning, and Validation of an Integrated Glove Box-Linked Dual Atomic Layer Deposition (ALD) Reactor System with Collocated Ellipsometer System for Tyndall, UCC

Description: Tyndall National Institute, University College Cork (UCC) invites tenders for the supply, delivery, installation, Commissioning, Calibration and Validation of an integrated Atomic Layer Deposition (ALD), Glove Box, and Ellipsometer System, comprising four main components: (i) ALD Reactor 1: Designed for the deposition of 2D dichalcogenide materials, featuring process conditions and precursor delivery systems optimised for chalcogen-based chemistries. (ii) ALD reactor 2: Configured for the deposition of metal oxide films, designed for oxygen-rich precursor processes. (iii) Glove Box Module: Provides a controlled inert atmosphere that connects both ALD reactors, enabling contamination-free sample transfer and handling. (iv) Ellipsometer: Designed to operate both in-situ and ex-situ with each ALD reactor, allowing precise thin-film thickness and optical property characterisation for process monitoring, calibration, and validation. The system must be supplied and installed by the tenderer to ensure full system integration and operational compatibility for Tyndall National Institute. Together, this integrated system will form a key capability for atomic layer processing, supporting advanced thin-film deposition and real-time characterisation for next-generation materials research.

Procedure identifier: b827be56-fd3f-42c4-addf-c8221af7f0cb

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, 38900000 Miscellaneous evaluation or testing instruments

### **2.1.2. Place of performance**

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

Country: Ireland

### **2.1.3. Value**

Estimated value excluding VAT: 1 800 000,00 EUR

### **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**

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### **5.1. Lot: LOT-0001**

Title: Supply, Delivery, Installation, Commissioning, and Validation of an Integrated Glove Box-Linked Dual Atomic Layer Deposition (ALD) Reactor System with Collocated Ellipsometer System for Tyndall, UCC

Description: Tyndall National Institute, University College Cork (UCC) invites tenders for the supply, delivery, installation, Commissioning, Calibration and Validation of an integrated Atomic Layer Deposition (ALD), Glove Box, and Ellipsometer System, comprising four main components: (i) ALD Reactor 1: Designed for the deposition of 2D dichalcogenide materials, featuring process conditions and precursor delivery systems optimised for chalcogen-based chemistries. (ii) ALD reactor 2: Configured for the deposition of metal oxide films, designed for oxygen-rich precursor processes. (iii) Glove Box Module: Provides a controlled inert atmosphere that connects both ALD reactors, enabling contamination-free sample transfer and handling. (iv) Ellipsometer: Designed to operate both in-situ and ex-situ with each ALD reactor, allowing precise thin-film thickness and optical property characterisation for process monitoring, calibration, and validation. The system must be supplied and installed by the tenderer to ensure full system integration and operational compatibility for Tyndall National Institute. Together, this integrated system will form a key capability for atomic layer processing, supporting advanced thin-film deposition and real-time characterisation for next-generation materials research.

Internal identifier: 0

#### **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, 38900000 Miscellaneous evaluation or testing instruments

#### **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: 1 800 000,00 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: 16/07/2026 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=8458315>

#### **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=8458315>

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: 24/07/2026 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: 24/07/2026 12:30:00 (UTC+01:00) Central European Time, Western European Summer Time

Place: <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=8458315>

##### **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

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**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](mailto: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](mailto: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](mailto:eproc-esender@eurodyn.com)

Telephone: +30 2108094500

**Roles of this organisation:**

TED eSender

## Notice information

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Notice identifier/version: a3381a66-b5dc-4333-951b-f4fcfc611398 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 16

Notice dispatch date: 23/06/2026 07:48:54 (UTC+01:00) Central European Time, Western European Summer Time

Languages in which this notice is officially available: English

Notice publication number: 435745-2026

OJ S issue number: 120/2026

Publication date: 25/06/2026