

# **Ireland: Laboratory, optical and precision equipments (excl. glasses) Supply, Delivery, Installation, Commissioning and Validation of a Dilution Refrigerator with Magnetic field for Tyndall National**

Contract or concession notice – standard regime

1 Buyer

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## **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

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## **2.1 Procedure**

*Title:* Supply, Delivery, Installation, Commissioning and Validation of a Dilution Refrigerator with Magnetic field for Tyndall National

*Description:* Tenders are sought for the Supply, Delivery, Installation, Commissioning and Validation of a Dilution Refrigerator with Magnetic field, for Tyndall National Institute, University College Cork. The dilution refrigerator will be mainly in support of Tyndall National Institute's quantum transport activities, and specifically for the development of electronic qubits in e.g. semiconductor quantum dots. It will also support the development of novel quantum materials and devices. The dilution refrigerator, reaching less than 20 millikelvin in an unloaded configuration, will have to be equipped with a minimum, 3 Tesla superconducting magnet to allow probing advanced spin physics. It should also allow for sample direct and fibre based optical access. The system should be mountable/mounted on an optical table to allow easy integration with quantum optics experiments.

*Procedure identifier:* 4b07c1c7-f855-4fc1-9d32-a710a5b57233

*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

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

*Additional classification (cpv):* 38500000 Checking and testing apparatus

*Additional classification (cpv):* 38600000 Optical instruments

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

*Additional classification (cpv):* 31712330 Semiconductors

### **2.1.2 Place of performance**

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

*Country:* Ireland

### **2.1.3 Value**

*Estimated value excluding VAT:* 759 300 Euro

### **2.1.4 General information**

*Legal basis:*

## 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 a Dilution Refrigerator with Magnetic field for Tyndall National

*Description:* Tenders are sought for the Supply, Delivery, Installation, Commissioning and Validation of a Dilution Refrigerator with Magnetic field, for Tyndall National Institute, University College Cork. The dilution refrigerator will be mainly in support of Tyndall National Institute's quantum transport activities, and specifically for the development of electronic qubits in e.g. semiconductor quantum dots. It will also support the development of novel quantum materials and devices. The dilution refrigerator, reaching less than 20 millikelvin in an unloaded configuration, will have to be equipped with a minimum, 3 Tesla superconducting magnet to allow probing advanced spin physics. It should also allow for sample direct and fibre based optical access. The system should be mountable/mounted on an optical table to allow easy integration with quantum optics experiments.

*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

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

*Additional classification (cpv):* 38500000 Checking and testing apparatus

*Additional classification (cpv):* 38600000 Optical instruments

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

*Additional classification (cpv):* 31712330 Semiconductors

##### 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:* 759 300 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:* 08/07/2026 12:00 +01:00

*Address of the procurement documents:* <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=8318732>

### **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=8318732>

*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:* 17/07/2026 12:00 +01:00

*Duration during which the tender must remain valid:* 180 Day

*Information about public opening:*

*Opening date:* 17/07/2026 12:30 +01:00

*Place:* <https://www.etenders.gov.ie/epps/cft/prepareViewCFTWS.do?resourceId=8318732>

*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: 3866363f-d30f-4cd2-b553-0199bc25fb9b - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice dispatch date: 04/06/2026 10:50 +01:00

Languages in which this notice is officially available: English