

**Ireland – Laboratory, optical and precision equipments (excl. glasses) – Supply Delivery and Installation of Dual-Inlet Isotope-Ratio Mass Spectrometer****OJ S 124/2025 02/07/2025****Contract or concession notice – standard regime****Supplies**

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**1. Buyer****1.1. Buyer**

Official name: University College Dublin ( UCD )

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

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

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**2. Procedure****2.1. Procedure**

Title: Supply Delivery and Installation of Dual-Inlet Isotope-Ratio Mass Spectrometer

Description: The instrument will be used for high-precision (order 0.001‰) measurements of dissolved N<sub>2</sub> in water samples, via dual-inlet analyses. Dissolved gas samples will be extracted, purified, and transferred offline into the detachable dip tubes, that can be connected to one side of the dual inlet. The other side will be attached to a custom reference gas comprising N<sub>2</sub>, Ar, and Kr. Intended applications are for quantification of excess (biogenic) N<sub>2</sub> in aquatic systems arising from nitrate reduction, using Ar and Kr to correct for physical processes impacting the N<sub>2</sub>/Ar ratio (e.g., bubble injection at the water table in a groundwater system and temperature dependent solubility effects), while N<sub>2</sub> isotopes will be used to identify the source and processing signals associated with denitrification.

Procedure identifier: 6313d79c-31bf-4082-89d1-4cc4beb5a8e7

Internal identifier: UCDOPP5525

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): 38500000 Checking and testing apparatus

**2.1.2. Place of performance**

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

**2.1.3. Value**

Estimated value excluding VAT: 100 000,00 EUR

**2.1.4. General information**

Legal basis:

Directive 2014/24/EU

**2.1.6. Grounds for exclusion**

## 5. Lot

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### 5.1. Lot: LOT-0001

Title: Supply Delivery and Installation of Dual-Inlet Isotope-Ratio Mass Spectrometer

Description: The instrument will be used for high-precision (order 0.001‰) measurements of dissolved N<sub>2</sub> in water samples, via dual-inlet analyses. Dissolved gas samples will be extracted, purified, and transferred offline into the detachable dip tubes, that can be connected to one side of the dual inlet. The other side will be attached to a custom reference gas comprising N<sub>2</sub>, Ar, and Kr. Intended applications are for quantification of excess (biogenic) N<sub>2</sub> in aquatic systems arising from nitrate reduction, using Ar and Kr to correct for physical processes impacting the N<sub>2</sub>/Ar ratio (e.g., bubble injection at the water table in a groundwater system and temperature dependent solubility effects), while N<sub>2</sub> isotopes will be used to identify the source and processing signals associated with denitrification.

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): 38500000 Checking and testing apparatus

Quantity: 1 piece

#### 5.1.2. Place of performance

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

#### 5.1.3. Estimated duration

Duration: 60 Months

#### 5.1.5. Value

Estimated value excluding VAT: 100 000,00 EUR

#### 5.1.6. General information

Reserved participation: Participation is not reserved.

The names and professional qualifications of the staff assigned to perform the contract must be given: Not required

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): no

#### 5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

#### 5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

#### 5.1.10. Award criteria

Criterion:

Type: Quality

#### 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  
Address of the procurement documents: <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=6021632>

#### **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=6021632>

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: 31/07/2025 12:00:00 (UTC+1) Central European Time, Western European Summer Time

Deadline until which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/07/2025 12:30:00 (UTC+1) Central European Time, Western European Summer Time

Place: <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=6021632>

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

Electronic auction: no

#### **5.1.16. Further information, mediation and review**

Review organisation: The High Court of Ireland

Information about review deadlines: Refer to tender documents

Organisation providing offline access to the procurement documents: University College Dublin ( UCD )

Organisation receiving requests to participate: University College Dublin ( UCD )

Organisation processing tenders: University College Dublin ( UCD )

## **8. Organisations**

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### **8.1. ORG-0001**

Official name: University College Dublin ( UCD )

Registration number: CHY15856

Postal address: Belfield, Dublin 4

Town: Dublin

Postcode: D04 V1W8  
Country subdivision (NUTS): Dublin (IE061)  
Country: Ireland  
Email: [procurement@ucd.ie](mailto:procurement@ucd.ie)  
Telephone: 0035317164990  
Internet address: <https://www.ucd.ie>  
Buyer profile: <https://www.ucd.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

**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: 39f7261d-1535-4f8e-bc2f-c28afda29880 - 01  
Form type: Competition  
Notice type: Contract or concession notice – standard regime  
Notice subtype: 16  
Notice dispatch date: 01/07/2025 10:04:41 (UTC+1) Central European Time, Western European Summer Time  
Languages in which this notice is officially available: English  
Notice publication number: 429171-2025

