

Ireland: Detection and analysis apparatus Chemical imaging system, using laser direct infrared molecular imaging technology, for microplastics

Contract or concession notice – standard regime

1 Buyer

1.1 Buyer

Official name: Dundalk Institute of Technology_1155

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2 Procedure

2.1 Procedure

Title: Chemical imaging system, using laser direct infrared molecular imaging technology, for microplastics

Description: The instrument will facilitate the identification of different types and size ranges of microplastics and their quantification in water, wastewater, soil and food samples, by providing chemical imaging data. Ideally the instrument will use quantum cascade laser direct infrared molecular imaging technology for detailed microplastic analyses. The equipment should have capabilities to analyse multiple size ranges of microplastics simultaneously. The instrument should also provide molecular imaging and spectral data for microplastic samples with rapid sample through-put. The instrument should be accompanied by user friendly software, relevant data analyses packages and show routine day-to-day operations within a single analysis screen.

Procedure identifier: 823591a0-4533-4f0e-ba9e-2b9e70a9b497

Type of procedure: Open

The procedure is accelerated: no

2.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38430000 Detection and analysis apparatus

2.1.2 Place of performance

Country subdivision (NUTS): Mid-East (IE062)

Country: Ireland

2.1.3 Value

Estimated value excluding VAT: 203 252 Euro

2.1.4 General information

Legal basis:

Directive 2014/24/EU

2.1.6 Grounds for exclusion

Sources of grounds for exclusion: European Single Procurement Document (ESPD)

5 Lot

5.1 Lot technical ID: LOT-0001

Title: Chemical imaging system, using laser direct infrared molecular imaging technology, for microplastics

Description: The instrument will facilitate the identification of different types and size ranges of microplastics and their quantification in water, wastewater, soil and food samples, by providing chemical imaging data. Ideally the instrument will use quantum cascade laser direct infrared molecular imaging technology for detailed microplastic analyses. The equipment should have capabilities to analyse multiple size ranges of microplastics simultaneously. The instrument should also provide molecular imaging and spectral data for microplastic samples with rapid sample through-put. The instrument should be accompanied by user friendly software, relevant data analyses packages and show routine day-to-day operations within a single analysis screen.

Internal identifier: 0

5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38430000 Detection and analysis apparatus

5.1.2 Place of performance

Country subdivision (NUTS): Mid-East (IE062)

Country: Ireland

Additional information:

5.1.3 Estimated duration

Duration: 36 Month

5.1.5 Value

Estimated value excluding VAT: 203 252 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: European Single Procurement Document (ESPD)

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: 06/03/2026 12:00 +00:00

Address of the procurement documents: <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=7538904>

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=7538904>

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: 24/03/2026 17:00 +00:00

Deadline until which the tender must remain valid: 12 Month

Information about public opening:

Opening date: 26/03/2026 00:00 +00:00

Place: <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=7538904>

Terms of contract:

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

Electronic invoicing: Allowed

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: Dundalk Institute of Technology_1155

Organisation providing more information on the review procedures: The High Court of Ireland

Organisation receiving requests to participate: Dundalk Institute of Technology_1155

Organisation processing tenders: Dundalk Institute of Technology_1155

8 Organisations

8.1 ORG-0001

Official name: Dundalk Institute of Technology_1155

Registration number: IE 4598992U

Postal address: Dublin Road, Dundalk

Town: DUNDALK

Postcode: A91 K584

Country subdivision (NUTS): Mid-East (IE062)

Country: Ireland

Email: info@dkit.ie

Telephone: +353 429370200

Internet address: <https://www.dkit.ie>

Buyer profile: <https://www.dkit.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: ebb0ffe4-628e-42de-b9d0-3547e53fac46 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice dispatch date: 17/02/2026 14:48 +00:00

Languages in which this notice is officially available: English