Ireland: Laboratory, optical and precision equipments (excl. glasses) Supply, Delivery, Installation, Commissioning, Calibration and Validation of a High-Performance X-Ray Diffractometer (XRD), for Tyndall National Institute

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: Supply, Delivery, Installation, Commissioning, Calibration and Validation of a High-Performance X-Ray Diffractometer (XRD), for Tyndall National Institute
Description: Tenders are sought for the Supply, Delivery and Validation of a High-performance X-Ray Diffractometer (XRD), to University College Cork (UCC). The tool is to be equipped as necessary to be a versatile machine capable of delivering high resolution rocking curves and omega-2Theta scans, reciprocal space maps of semiconductor materials, while also allowing for powder analysis in Bragg-Brentano geometry. For fast data acquisition it must be equipped with appropriate x-ray array camera. Moreover, it needs to be equipped with an environmental chamber allowing for the x-ray diffraction analysis up to at least 1100 degrees. The system should also allow for reflectivity measurements and be equipped with appropriate analysis software for the above measurements.
Procedure identifier: bcee7a5d-293a-45db-9ed1-3325843bb386
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): 38100000 Navigational and meteorological instruments
Additional classification (cpv): 38300000 Measuring instruments
Additional classification (cpv): 38400000 Instruments for checking physical characteristics
Additional classification (cpv): 38600000 Optical instruments
Additional classification (cpv): 38900000 Miscellaneous evaluation or testing instruments
Additional classification (cpv): 24931230 X-ray developers
Additional classification (cpv): 33111000 X-ray devices
Additional classification (cpv): 33111200 X-ray workstations
Additional classification (cpv): 33696800 X-ray contrast media
Additional classification (cpv): 38582000 X-ray inspection equipment
Additional classification (cpv): 38947000 X-ray microanalysers

2.1.2 *Place of performance*

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

2.1.3 *Value*

Estimated value excluding VAT: 548 000 *Euro*

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

5.1 *Lot*: LOT-0001

Title: Supply, Delivery, Installation, Commissioning, Calibration and Validation of a High-Performance X-Ray Diffractometer (XRD), for Tyndall National Institute
Description: Tenders are sought for the Supply, Delivery and Validation of a High-performance X-Ray Diffractometer (XRD), to University College Cork (UCC). The tool is to be equipped as necessary to be a versatile machine capable of delivering high resolution rocking curves and omega-2Theta scans, reciprocal space maps of semiconductor materials, while also allowing for powder analysis in Bragg-Brentano geometry. For fast data acquisition it must be equipped with appropriate x-ray array camera. Moreover, it needs to be equipped with an environmental chamber allowing for the x-ray diffraction analysis up to at least 1100 degrees. The system should also allow for reflectivity measurements and be equipped with appropriate analysis software for the above measurements.
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): 38100000 Navigational and meteorological instruments
Additional classification (cpv): 38300000 Measuring instruments
Additional classification (cpv): 38400000 Instruments for checking physical characteristics
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Additional classification (cpv): 33696800 X-ray contrast media
Additional classification (cpv): 38582000 X-ray inspection equipment
Additional classification (cpv): 38947000 X-ray microanalysers

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: 548 000 *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: 27/11/2026 12:00 +00:00
Address of the procurement documents: https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=9455408

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=9455408
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: 10/12/2026 12:00 +00:00
Duration during which the tender must remain valid: 180 *Day*
Information about public opening:
Opening date: 10/12/2026 12:30 +00:00
Place: https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=9455408
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*

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
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: 8664c930-748f-4fd5-aced-36f9ccd6fd51 - 01

Form type: Competition
Notice type: Contract or concession notice – standard regime
Notice dispatch date: 09/11/2026 09:48 +00:00
Languages in which this notice is officially available: English