

**Ireland: Laboratory, optical and precision equipments (excl. glasses)  
LA3645C - TCD - CFT for the Supply, Delivery, Installation and Calibration of an Integrated Controller and Software for a Real Time Hybrid Structural Test System for Trinity College Dublin (TCD)**

Contract or concession notice – standard regime

1 Buyer

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**1.1 Buyer**

*Official name:* Education Procurement Service (EPS)

*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:* LA3645C - TCD - CFT for the Supply, Delivery, Installation and Calibration of an Integrated Controller and Software for a Real Time Hybrid Structural Test System for Trinity College Dublin (TCD)

*Description:* Trinity College Dublin request the supply of an Integrated Controller and Software for a Real Time Hybrid Structural Test System for testing of structures subjected to dynamic loading. The new controller and software package will be direct replacements for antiquated components in an existing real-time hybrid testing system. This system uses a 150kN actuator to apply force and/or displacement to test specimens. Hydraulic power supplied by an air-cooled HPU with a capacity of 100lpm. Hybrid testing is an advanced form of structural testing that integrates laboratory experiments with computational modelling. The structure to be investigated is partitioned into two substructures, one of which is physically tested in the laboratory while the response of the other is modelled using computational methods. The test controller and associated software will enable real-time hybrid testing of structures subjected to dynamic loading. The new controller and software package will be direct replacements for antiquated components in an existing real-time hybrid testing system in the TCD structural engineering laboratory. This system uses an MTS 244.23 150kN actuator to apply force and/or displacement to test samples, with hydraulic power supplied by an MTS SilentFlo 515.3 HPU. Hybrid testing integrates laboratory experiments with computational modelling. The structure to be investigated is partitioned into two substructures, one of which is physically tested in the laboratory while the response of the other is modelled using computational methods.

*Procedure identifier:* 83b638e8-e970-4483-a400-1ce099e6a788

*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):* 31131100 Actuators

*Additional classification (cpv):* 38434000 Analysers

**2.1.2 Place of performance**

*Country:* Ireland

Anywhere in the given country

**2.1.3 Value**

*Estimated value excluding VAT:* 265 000 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

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#### **5.1 Lot technical ID: LOT-0001**

*Title:* LA3645C - TCD - CFT for the Supply, Delivery, Installation and Calibration of an Integrated Controller and Software for a Real Time Hybrid Structural Test System for Trinity College Dublin (TCD)

*Description:* Trinity College Dublin request the supply of an Integrated Controller and Software for a Real Time Hybrid Structural Test System for testing of structures subjected to dynamic loading. The new controller and software package will be direct replacements for antiquated components in an existing real-time hybrid testing system. This system uses a 150kN actuator to apply force and/or displacement to test specimens. Hydraulic power supplied by an air-cooled HPU with a capacity of 100lpm. Hybrid testing is an advanced form of structural testing that integrates laboratory experiments with computational modelling. The structure to be investigated is partitioned into two substructures, one of which is physically tested in the laboratory while the response of the other is modelled using computational methods. The test controller and associated software will enable real-time hybrid testing of structures subjected to dynamic loading. The new controller and software package will be direct replacements for antiquated components in an existing real-time hybrid testing system in the TCD structural engineering laboratory. This system uses an MTS 244.23 150kN actuator to apply force and/or displacement to test samples, with hydraulic power supplied by an MTS SilentFlo 515.3 HPU. Hybrid testing integrates laboratory experiments with computational modelling. The structure to be investigated is partitioned into two substructures, one of which is physically tested in the laboratory while the response of the other is modelled using computational methods.

*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):* 31131100 Actuators

*Additional classification (cpv):* 38434000 Analysers

##### **5.1.2 Place of performance**

*Country:* Ireland

Anywhere in the given country

*Additional information:*

##### **5.1.3 Estimated duration**

*Duration:* 36 Month

##### **5.1.5 Value**

*Estimated value excluding VAT:* 265 000 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:* 12/03/2026 12:00 +00:00

*Address of the procurement documents:* <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=7561104>

#### **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=7561104>

*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:* 24/03/2026 12:00 +00:00

*Deadline until which the tender must remain valid:* 12 Month

*Information about public opening:*

*Opening date:* 24/03/2026 12:30 +00:00

*Place:* <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=7561104>

*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:* no

*Electronic payment will be used:* no

#### **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:* Education Procurement Service (EPS)

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

*Organisation receiving requests to participate:* Education Procurement Service (EPS)

*Organisation processing tenders:* Education Procurement Service (EPS)

## 8 Organisations

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### **8.1 ORG-0001**

*Official name:* Education Procurement Service (EPS)

*Registration number:* IE 6609370 G

*Postal address:* Castletroy Limerick

Town: Limerick  
Postcode: V94 DK53  
Country subdivision (NUTS): Mid-West (IE051)  
Country: Ireland  
Email: [info@educationprocurementservice.ie](mailto:info@educationprocurementservice.ie)  
Telephone: 061233715  
Internet address: <https://www.educationprocurementservice.ie/>  
Buyer profile: <https://www.educationprocurementservice.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: c1206fbd-8dca-403a-ab94-1c354e99435b - 01  
Form type: Competition  
Notice type: Contract or concession notice – standard regime  
Notice dispatch date: 19/02/2026 14:39 +00:00  
Languages in which this notice is officially available: English