

387418-2025 - Competition

Ireland – Parts of gas generators – PQQ for Design, Manufacture and Manufacturing costing of Direct Air Capture Systems - 2 Lots

OJ S 113/2025 16/06/2025

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: Trinity College Dublin the University of Dublin_336

Email: mireilly@tcd.ie

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2. Procedure

2.1. Procedure

Title: PQQ for Design, Manufacture and Manufacturing costing of Direct Air Capture Systems - 2 Lots

Description: Trinity College Dublin is inviting expressions of interest for the design and fabrication of CO# capture systems structured into two distinct lots. Lot 1: Design Finalisation and Manufacture of the New CO# Capture Demonstrator, "NEW-DEM" Lot 2: Design and Manufacturing Cost Estimation of an industrial Direct Air Capture Unit, "IND-UNIT"

Procedure identifier: 54bef2cc-a901-4d9d-bccd-96b2c6b11121

Internal identifier: TCD-25-C2019

Type of procedure: Restricted

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 31161800 Parts of gas generators

Additional classification (cpv): 44611100 Air cylinders, 31161200 Gas cooling systems, 38431100 Gas-detection apparatus, 38432100 Gas-analysis apparatus, 42124300 Parts of air or vacuum pumps, of air or gas compressors, 38543000 Gas-detection equipment, 42124340 Parts of gas compressors, 42980000 Gas generators, 42514320 Gas filters, 42514000 Machinery and apparatus for filtering or purifying gases

2.1.2. Place of performance

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

2.1.3. Value

Estimated value excluding VAT: 350 000,00 EUR

2.1.4. General information

Legal basis:

Directive 2014/24/EU

2.1.5. Terms of procurement

Terms of submission:

Maximum number of lots for which one tenderer can submit tenders: 2

The tenderer must submit tenders for all lots

Terms of contract:

Maximum number of lots for which contracts can be awarded to one tenderer: 2

2.1.6. Grounds for exclusion

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

5. Lot

5.1. Lot: LOT-0001

Title: Design Finalisation and Manufacture of the New CO# Capture Demonstrator, NEW-DEM

Description: Trinity College Dublin is inviting expressions of interest for the design and fabrication of CO# capture systems structured into two distinct lots. Lot 1: Design Finalisation and Manufacture of the New CO# Capture Demonstrator, "NEW-DEM" Lot 2: Design and Manufacturing Cost Estimation of an industrial Direct Air Capture Unit, "IND-UNIT"

Internal identifier: 1

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 31161800 Parts of gas generators

Additional classification (cpv): 44611100 Air cylinders, 31161200 Gas cooling systems, 38431100 Gas-detection apparatus, 38432100 Gas-analysis apparatus, 42124300 Parts of air or vacuum pumps, of air or gas compressors, 38543000 Gas-detection equipment, 42124340 Parts of gas compressors, 42980000 Gas generators, 42514320 Gas filters, 42514000 Machinery and apparatus for filtering or purifying gases

5.1.2. Place of performance

Anywhere

5.1.2. Place of performance

Anywhere

5.1.3. Estimated duration

Other duration: Unknown

5.1.5. Value

Estimated value excluding VAT: 350 000,00 EUR

5.1.6. General information**Reserved participation:**

Participation is not reserved.

Procurement Project fully or partially financed with EU Funds.

Information about European Union funds:

EU funds programme: Innovation Fund (IF) (2021/2027)

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

Criterion:

The criteria will be used to select the candidates to be invited for the second stage of the procedure

Information about the second stage of a two-stage procedure:

Minimum number of candidates to be invited for the second stage of the procedure: 5

The procedure will take place in successive stages. At each stage, some participants may be eliminated

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=5890757>

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=5890757>

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: 17/07/2025 14:00:00 (UTC+01:00) Central European Time, Western European Summer Time

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

5.1.16. Further information, mediation and review

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: Trinity College Dublin the University of Dublin_336

Organisation providing more information on the review procedures: Trinity College Dublin the University of Dublin_336

Organisation receiving requests to participate: Trinity College Dublin the University of Dublin_336

Organisation processing tenders: Trinity College Dublin the University of Dublin_336

5.1. Lot: LOT-0002

Title: Design and Manufacturing Cost Estimation of an industrial Direct Air Capture Unit, IND-UNIT

Description: Trinity College Dublin is inviting expressions of interest for the design and fabrication of CO# capture systems structured into two distinct lots. Lot 1: Design Finalisation and Manufacture of the New CO# Capture Demonstrator, "NEW-DEM" Lot 2: Design and Manufacturing Cost Estimation of an industrial Direct Air Capture Unit, "IND-UNIT"
Internal identifier: 2

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 31161800 Parts of gas generators

Additional classification (cpv): 44611100 Air cylinders, 31161200 Gas cooling systems, 38431100 Gas-detection apparatus, 38432100 Gas-analysis apparatus, 42124300 Parts of air or vacuum pumps, of air or gas compressors, 38543000 Gas-detection equipment, 42124340 Parts of gas compressors, 42980000 Gas generators, 42514320 Gas filters, 42514000 Machinery and apparatus for filtering or purifying gases

5.1.2. Place of performance

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

5.1.3. Estimated duration

Other duration: Unknown

5.1.6. General information

Reserved participation:

Participation is not reserved.

Procurement Project fully or partially financed with EU Funds.

Information about European Union funds:

EU funds programme: Innovation Fund (IF) (2021/2027)

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

Criterion:

The criteria will be used to select the candidates to be invited for the second stage of the procedure

Information about the second stage of a two-stage procedure:

Minimum number of candidates to be invited for the second stage of the procedure: 5

The procedure will take place in successive stages. At each stage, some participants may be eliminated

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Languages in which the procurement documents are officially available: English

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Electronic submission: Required

Address for submission: <https://www.etenders.gov.ie/epps/cft/viewTenders.do?resourceId=5890757>

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: 17/07/2025 14:00:00 (UTC+01:00) Central European Time, Western European Summer Time

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

5.1.16. Further information, mediation and review

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: Trinity College Dublin the University of Dublin_336

Organisation providing more information on the review procedures: Trinity College Dublin the University of Dublin_336

Organisation receiving requests to participate: Trinity College Dublin the University of Dublin_336

Organisation processing tenders: Trinity College Dublin the University of Dublin_336

8. Organisations

8.1. ORG-0001

Official name: Trinity College Dublin the University of Dublin_336

Registration number: CHY 11

Postal address: 3 College Green

Town: Dublin

Postcode: D02 XH97

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Email: mireilly@tcd.ie

Telephone: 0035318968586

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

Buyer profile: <https://www.tcd.ie>

Roles of this organisation:

Buyer

Organisation providing offline access to the procurement documents

Organisation receiving requests to participate

Organisation processing tenders

Organisation providing more information on the review procedures

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

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: 7c0477ed-7e7d-42f1-ac85-08fe5607e386 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 16

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