IRELAND: LABORATORY, OPTICAL AND PRECISION EQUIPMENTS (EXCL. GLASSES) LA2514C- SETU- RFT FOR THE SUPPLY OF A SUPERCONDUCTING NANOWIRE SINGLE PHOTON DETECTOR SYSTEM

Contract or concession award notice – standard regime

1 *Buyer*

1.1 *Buyer*

Official name: Education Procurement Service (EPS)
Legal type of the buyer: Central government authority
Activity of the contracting authority: Education

2 *Procedure*

2.1 *Procedure*

Title: LA2514C- SETU- RFT for the Supply of a Superconducting Nanowire Single Photon Detector System
Description: South East Technological University (SETU), request the supply of Superconducting Nanowire Single Photon Detector System for use in the development of a national Quantum Communications Infrastructure, IrelandQCI. The vision of IrelandQCI is to build a national quantum communication network that will support an innovative quantum technology ecosystem that will enable and drive the transition from research-based experimental quantum systems and devices to commercialization-ready quantum communication products, solutions and services and lay the ground work for International networks. The SNSPD will play a central role in IrelandQCI and will be used both for lab-based (table-top) experimentation as well as extending the reach of COTS QKD equipment. The SNSPD will require high efficiencies as some experiments will operate over 100km distances. Furthermore, some experiments require a very low jitter and dark counts, 3 class of detector specification A, B, and C have been requested to cover all requirements. The SNSPD MUST have a minimum of 8 channels and SHOULD be expandable to at least 16 channels. 8 detectors are required, with 3 variations in their specification. Furthermore, photon-counting equipment (TCSPC / time-taggers) MUST be provided for at least 8 channels and SHOULD be extendable to 16 channels. Lastly, all the cooling technology required for system operation MUST be supplied.
Procedure identifier: 3992cf78-69e6-477d-869f-f5df595b53df
Type of procedure: Open
The procedure is accelerated: No

2.1.1 *Purpose*

Nature of the contract: Supplies
Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)
Additional classification (cpv): 32412100 Telecommunications network
Additional classification (cpv): 32571000 Communications infrastructure
Additional classification (cpv): 32524000 Telecommunications system
Additional classification (cpv): 32412000 Communications network
Additional classification (cpv): 33124100 Diagnostic devices

2.1.4 *General information*

Legal basis:
Directive 2014/24/EU

5 *Lot*

5.1 *Lot*: LOT-0001

Title: LA2514C- SETU- RFT for the Supply of a Superconducting Nanowire Single Photon Detector System
Description: South East Technological University (SETU), request the supply of Superconducting Nanowire Single Photon Detector System for use in the development of a national Quantum Communications Infrastructure, IrelandQCI. The vision of IrelandQCI is to build a national quantum communication network that will support an innovative quantum technology ecosystem that will enable and drive the transition from research-based experimental quantum systems and devices to commercialization-ready quantum communication products, solutions and services and lay the ground work for International networks. The SNSPD will play a central role in IrelandQCI and will be used both for lab-based (table-top) experimentation as well as extending the reach of COTS QKD equipment. The SNSPD will require high efficiencies as some experiments will operate over 100km distances. Furthermore, some experiments require a very low jitter and dark counts, 3 class of detector specification A, B, and C have been requested to cover all requirements. The SNSPD MUST have a minimum of 8 channels and SHOULD be expandable to at least 16 channels. 8 detectors are required, with 3 variations in their specification. Furthermore, photon-counting equipment (TCSPC / time-taggers) MUST be provided for at least 8 channels and SHOULD be extendable to 16 channels. Lastly, all the cooling technology required for system operation MUST be supplied.
Internal identifier: 0

5.1.1 *Purpose*

Nature of the contract: Supplies
Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)
Additional classification (cpv): 32412100 Telecommunications network
Additional classification (cpv): 32571000 Communications infrastructure
Additional classification (cpv): 32524000 Telecommunications system
Additional classification (cpv): 32412000 Communications network
Additional classification (cpv): 33124100 Diagnostic devices

5.1.6 *General information*

Procurement Project fully or partially financed with EU Funds.
The procurement is covered by the Government Procurement Agreement (GPA)

5.1.10 *Award criteria*

Criterion:
Type: Quality

5.1.15 *Techniques*

Framework agreement:
No framework agreement
Information about the dynamic purchasing system
No dynamic purchase system
Electronic auction:

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)

6 *Results*

6.1 *Result Lot Identifier*: LOT-0001

At least one winner was chosen.

6.1.2 *Information about winners*

Winner:

Official name: ID Quantique SA

Tender:

Tender identifier: 000017135

Identifier of lot or group of lots: LOT-0001

Contract information:

Identifier of the contract: 394510

Date on which the winner was chosen: 2023-08-17Z

Date of the conclusion of the contract: 2023-11-27Z

The contract is awarded within a framework agreement: false

Information about European Union funds

Name of EU-financed project or programme: DIGITALEU

8 *Organisations*

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: Ireland

Email: maria.owens@ul.ie

Telephone: +35361233715

Information exchange endpoint (URL): https://www.educationprocurementservice.ie/

Buyer profile: https://www.educationprocurementservice.ie/

Roles of this organisation:

Buyer

Organisation providing offline access to the procurement documents

8.1 ORG-0002

Official name: ID Quantique SA

Registration number: CHE-109.370.975

Town: Geneva

Country: Switzerland

Email: lea.carmagnolle@idquantique.com

Telephone: +41 225453661

Roles of this organisation:

Tenderer

Winner of these lots: LOT-0001

The winner is listed on a regulated market

8.1 ORG-0003

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: Ireland
Email: HighCourtCentralOffice@courts.ie
Telephone: +353 1 8886000
Roles of this organisation:
Review organisation

8.1 ORG-0004
Official name: European Dynamics S.A.
Registration number: 002024901000
Department: European Dynamics S.A.
Town: Athens
Country: Greece
Email: eproc-esender@eurodyn.com
Telephone: +30 2108094500
Roles of this organisation:
TED eSender

11 *Notice information*

11.1 *Notice information*
Notice identifier/version: 8ba99bc5-8ed9-4b60-9051-d1b098295157 - 01
Form type: Result
Notice type: Contract or concession award notice – standard regime
Notice dispatch date: 2024-01-11Z 10:52:13Z
Languages in which this notice is officially available: English

11.2 *Publication information*