

## 291959-2026 - Result

Denmark – Lasers – A High repetition rate dual-comb tunable OPO with integrated pump laser  
OJ S 83/2026 29/04/2026  
Contract or concession award notice – standard regime  
Supplies

### 1. Buyer

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#### 1.1. Buyer

Official name: Danmarks Tekniske Universitet - DTU

Email: [kafre@dtu.dk](mailto:kafre@dtu.dk)

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: A High repetition rate dual-comb tunable OPO with integrated pump laser

Description: DTU requires the delivery of a turnkey, highly stable, and mutually coherent dual-comb light source with a broad spectral tuning range covering the near- to mid-infrared. The system shall be capable of generating femtosecond pulses at high repetition rates. The proposed solution shall consist of a tunable optical parametric oscillator (OPO) pumped by a dual-comb laser. The OPO shall provide continuous spectral coverage in the mid-infrared range from 2300 nm to 4200 nm and in the near-infrared range from 1500 nm to 1700 nm, while simultaneously providing output of the pump dual-comb. The system shall be installed at DTU Electro within the Optical Sensor Technology group. The delivered solution shall be fully integrated, user-friendly, and suitable for operation by multiple users. It shall support a wide range of applications, including but not limited to precision molecular sensing, rapid pump-probe analysis, hyperspectral imaging, and advanced semiconductor and photonic chip characterization.

Procedure identifier: 69b1cdfc-3248-4803-9554-b049d853dc1b

Previous notice: a20374c4-dda3-4eea-b09c-d51a5c9cfb2d-01

Internal identifier: 10668

Type of procedure: Open

The procedure is accelerated: no

Main features of the procedure: Public procurement is conducted according to the Danish legislative act (no. 1564 of December 15th 2015 (Udbudsloven)) with later changes.

##### 2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38636100 Lasers

Additional classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses), 38600000 Optical instruments, 38630000 Astronomical and optical instruments, 38636000 Specialist optical instruments

##### 2.1.2. Place of performance

Postal address: Frederiksborgvej 399

Town: Roskilde

Postcode: 4000

Country subdivision (NUTS): Østsjælland (DK021)

Country: Denmark

Additional information: Delivery must be made at the following address: Technical University of Denmark DTU Electro – Risø, Building 128, Lab S66 Frederiksborgvej 399 4000 Roskilde The time of Delivery of the Product to DTU is 9 months from the last signature of the Agreement.

### **2.1.3. Value**

Estimated value excluding VAT: 350 000,00 EUR

### **2.1.4. General information**

Call for competition is terminated

Additional information: General information on participation in the tender procedure:

Participation in the tender can only be done electronically via the contracting authority's electronic tender system. In order to access the tender documents, the tenderer must be registered or register as a user. If the tender contains several editions (versions) of the same document, the latest uploaded version will be the valid one. All communication in connection with the tender procedure, including questions and answers, must be done via the electronic tender system. Questions must be submitted so that they are received in time for the contracting authority to obtain the necessary information and provide the answers no later than six days before the expiry of the tender deadline. Questions received later than six days before the expiry of the deadline cannot be expected to be answered, unless the deadline is simultaneously postponed. Interested parties are asked to stay informed via the electronic tender system. If the applicant experiences problems with the system, support can be contacted by email, [dksupport@eu-supply.com](mailto:dksupport@eu-supply.com), or by phone, (+45) 70 20 80 14. The tenderer must submit an ESPD as preliminary evidence of the matters mentioned in the Danish Public Procurement Act. It is not necessary for the tenderer to sign his ESPD document. Before the award decision, the tenderer to whom the contracting authority intends to award the contract must provide documentation of the information provided in the ESPD in accordance with Sections 151-152 of the Public Procurement Act, cf. Section 153. As an alternative to the documentation referred to in Sections 153-155, 157 and 158 of the Public Procurement Act, the tenderer may provide the contracting authority with a certificate of inclusion on an official list of approved economic operators, cf. Section 156, issued by the competent authority. The contracting authority may only accept certificates of inclusion on an official list from tenderers established in the country which maintains the official list. Language: All correspondence regarding the tender must be in English. Tenders must be submitted in English. The final contract will be concluded in English. Estimated value of the contract: It is noted that the amount constitutes an estimate of the expected contract sum for the full term of the contract. The contracting authority may use the procedure in Section 159(5) of the Public Procurement Act if the tender does not meet the formal requirements of the tender documents. Attention is drawn to the fact that the tender is covered by Article 5k of Regulation (EU) No. 833/2014, as amended. The provision contains a prohibition against awarding contracts to Russian companies and Russian-controlled companies, etc. (see Article 5k, paragraph 1, for the precise definition of the actors covered by the ban). The contracting authority reserves the right to require documentation at any time during the tender process that the economic operators are not covered by the ban, e.g. by requiring a declaration to this effect and/or documentation of the place of establishment and ownership of the actors and their possible subcontractors.

#### **Legal basis:**

Directive 2014/24/EU

## 5. Lot

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### 5.1. Lot: LOT-0000

Title: A High repetition rate dual-comb tunable OPO with integrated pump laser

Description: DTU requires the delivery of a turnkey, highly stable, and mutually coherent dual-comb light source with a broad spectral tuning range covering the near- to mid-infrared. The system shall be capable of generating femtosecond pulses at high repetition rates. The proposed solution shall consist of a tunable optical parametric oscillator (OPO) pumped by a dual-comb laser. The OPO shall provide continuous spectral coverage in the mid-infrared range from 2300 nm to 4200 nm and in the near-infrared range from 1500 nm to 1700 nm, while simultaneously providing output of the pump dual-comb. The system shall be installed at DTU Electro within the Optical Sensor Technology group. The delivered solution shall be fully integrated, user-friendly, and suitable for operation by multiple users. It shall support a wide range of applications, including but not limited to precision molecular sensing, rapid pump-probe analysis, hyperspectral imaging, and advanced semiconductor and photonic chip characterization.

Internal identifier: 10668

#### 5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38636100 Lasers

Additional classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses), 38600000 Optical instruments, 38630000 Astronomical and optical instruments, 38636000 Specialist optical instruments

#### Options:

Description of the options: Warranty extension for 3th and 4th year. Tablet or computer for the instrument.

#### 5.1.2. Place of performance

Postal address: Frederiksborgvej 399

Town: Roskilde

Postcode: 4000

Country subdivision (NUTS): Østsjælland (DK021)

Country: Denmark

Additional information: Delivery must be made at the following address: Technical University of Denmark DTU Electro – Risø, Building 128, Lab S66 Frederiksborgvej 399 4000 Roskilde The time of Delivery of the Product to DTU is 9 months from the last signature of the Agreement.

#### 5.1.3. Estimated duration

Duration: 2 Years

#### 5.1.5. Value

Estimated value excluding VAT: 350 000,00 EUR

#### 5.1.6. General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

Additional information: General information on participation in the tender procedure:

Participation in the tender can only be done electronically via the contracting authority's

electronic tender system. In order to access the tender documents, the tenderer must be registered or register as a user. If the tender contains several editions (versions) of the same document, the latest uploaded version will be the valid one. All communication in connection with the tender procedure, including questions and answers, must be done via the electronic tender system. Questions must be submitted so that they are received in time for the contracting authority to obtain the necessary information and provide the answers no later than six days before the expiry of the tender deadline. Questions received later than six days before the expiry of the deadline cannot be expected to be answered, unless the deadline is simultaneously postponed. Interested parties are asked to stay informed via the electronic tender system. If the applicant experiences problems with the system, support can be contacted by email, [dksupport@eu-supply.com](mailto:dksupport@eu-supply.com), or by phone, (+45) 70 20 80 14. The tenderer must submit an ESPD as preliminary evidence of the matters mentioned in the Danish Public Procurement Act. It is not necessary for the tenderer to sign his ESPD document. Before the award decision, the tenderer to whom the contracting authority intends to award the contract must provide documentation of the information provided in the ESPD in accordance with Sections 151-152 of the Public Procurement Act, cf. Section 153. As an alternative to the documentation referred to in Sections 153-155, 157 and 158 of the Public Procurement Act, the tenderer may provide the contracting authority with a certificate of inclusion on an official list of approved economic operators, cf. Section 156, issued by the competent authority. The contracting authority may only accept certificates of inclusion on an official list from tenderers established in the country which maintains the official list. Language: All correspondence regarding the tender must be in English. Tenders must be submitted in English. The final contract will be concluded in English. Estimated value of the contract: It is noted that the amount constitutes an estimate of the expected contract sum for the full term of the contract. The contracting authority may use the procedure in Section 159(5) of the Public Procurement Act if the tender does not meet the formal requirements of the tender documents. Attention is drawn to the fact that the tender is covered by Article 5k of Regulation (EU) No. 833/2014, as amended. The provision contains a prohibition against awarding contracts to Russian companies and Russian-controlled companies, etc. (see Article 5k, paragraph 1, for the precise definition of the actors covered by the ban). The contracting authority reserves the right to require documentation at any time during the tender process that the economic operators are not covered by the ban, e.g. by requiring a declaration to this effect and/or documentation of the place of establishment and ownership of the actors and their possible subcontractors.

#### **5.1.7. Strategic procurement**

The procurement falls within the scope of the Energy Efficiency Directive (EED) (EU) 2023 /1791

#### **List of products, works, services and buildings related to the Energy Efficiency Directive (EED):**

Products (Green Public Procurement criteria)

#### **5.1.10. Award criteria**

##### **Criterion:**

Type: Price

Name: Lowest price

Description: The price to be assessed is the Total Agreement Value and the Total Price for Options, specified in Section 2.1 and 2.2 in Appendix 2 – Prices. The tender with the lowest total price will be awarded the contract.

Category of award weight criterion: Weight (percentage, exact)

Award criterion number: 100

#### 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: Klagenævnet for Udbud

Information about review deadlines: Complaint regarding award of contract: Complaint regarding the award of a contract must be submitted no later than 45 calendar days from the date after the Contracting Authority has published a notice in the European Union Official Journal informing that the Contracting Authority has awarded/concluded a contract, cf. lov om Klagenævnet for Udbud (Complaints Board for Tenders) § 7, Section 2, no. 1.

Organisation providing additional information about the procurement procedure: Danmarks Tekniske Universitet - DTU

Organisation providing offline access to the procurement documents: Danmarks Tekniske Universitet - DTU

Organisation providing more information on the review procedures: Konkurrence- og Forbrugerstyrelsen

Organisation whose budget is used to pay for the contract: Danmarks Tekniske Universitet - DTU

Organisation executing the payment: Danmarks Tekniske Universitet - DTU

Organisation signing the contract: Danmarks Tekniske Universitet - DTU

## 6. Results

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Value of all contracts awarded in this notice: 266 880,00 EUR

### 6.1. Result lot identifier: LOT-0000

Winner selection status: At least one winner was chosen.

#### 6.1.2. Information about winners

**Winner:**

Official name: K2 Photonics

**Tender:**

Tender identifier: A High repetition rate dual-comb tunable OPO with integrated pump laser - K2 Photonics

Identifier of lot or group of lots: LOT-0000

Value of the tender: 297 480,00 EUR

The tender was ranked: no

The tender is a variant: no

Subcontracting: Not yet known

**Contract information:**

Identifier of the contract: A High repetition rate dual-comb tunable OPO with integrated pump laser - K2 Photonics

Date on which the winner was chosen: 26/03/2026

Date of the conclusion of the contract: 13/04/2026

Organisation signing the contract: Danmarks Tekniske Universitet - DTU

#### 6.1.4. Statistical information

**Summary of the review requests the buyer received:**

Number of complainants: 0

**Received tenders or requests to participate:**

Type of received submissions: Tenders

Number of tenders or requests to participate received: 1

**List of products, works, services and buildings related to the Energy Efficiency Directive (EED):**

Products (Green Public Procurement criteria)

Energy Savings in kWh/year: 0

Energy Consumption in kWh/year: 150

Energy efficiency quantity: 0

## 8. Organisations

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### 8.1. ORG-0001

Official name: Danmarks Tekniske Universitet - DTU

Registration number: 30060946

Postal address: Anker Engelunds Vej 1

Town: Kgs. Lyngby

Postcode: 2800

Country subdivision (NUTS): Københavns omegn (DK012)

Country: Denmark

Contact point: Katrine Freiesleben Petersen

Email: [kafre@dtu.dk](mailto:kafre@dtu.dk)

Telephone: +45 45252525

Internet address: <https://www.dtu.dk>

Buyer profile: <https://eu.eu-supply.com/ctm/company/companyinformation/index/165863>

**Roles of this organisation:**

Buyer

Organisation providing additional information about the procurement procedure

Organisation providing offline access to the procurement documents

Organisation signing the contract

Organisation whose budget is used to pay for the contract

Organisation executing the payment

### 8.1. ORG-0002

Official name: Klagenævnet for Udbud

Registration number: 37795526

Postal address: Nævnenes hus, Toldboden 2

Town: Viborg

Postcode: 8800

Country subdivision (NUTS): Østjylland (DK042)

Country: Denmark

Email: [klfu@erst.dk](mailto:klfu@erst.dk)

Telephone: +45 35291000

Internet address: <http://www.klfu.dk>

**Roles of this organisation:**

Review organisation

### 8.1. ORG-0003

Official name: Konkurrence- og Forbrugerstyrelsen  
Registration number: 10294819  
Postal address: Carl Jacobsens Vej 35  
Town: Valby  
Postcode: 2500  
Country subdivision (NUTS): Byen København (DK011)  
Country: Denmark  
Email: [kfst@kfst.dk](mailto:kfst@kfst.dk)  
Telephone: +45 41715000  
Internet address: <http://www.kfst.dk>

**Roles of this organisation:**

Organisation providing more information on the review procedures

**8.1. ORG-0004**

Official name: K2 Photonics  
Size of the economic operator: Micro, small, or medium  
Registration number: CHE-326.755.633  
Postal address: Technoparkstrasse 1  
Town: Zurich  
Postcode: 8005  
Country subdivision (NUTS): Zürich (CH040)  
Country: Switzerland  
Email: [info@k2photonics.com](mailto:info@k2photonics.com)  
Telephone: +41 438833243

**Roles of this organisation:**

Tenderer

**Winner of these lots: LOT-0000**

**8.1. ORG-0005**

Official name: Merzell Holding ASA  
Registration number: 980921565  
Postal address: Askekroken 11  
Town: Oslo  
Postcode: 0277  
Country subdivision (NUTS): Oslo (NO081)  
Country: Norway  
Contact point: eSender  
Email: [publication@merzell.com](mailto:publication@merzell.com)  
Telephone: +47 21018800  
Fax: +47 21018801  
Internet address: <http://merzell.com/>

**Roles of this organisation:**

TED eSender

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## Notice information

Notice identifier/version: d73e01d4-e1ba-4c9a-8cda-18deccde44dd - 01  
Form type: Result  
Notice type: Contract or concession award notice – standard regime  
Notice subtype: 29

Notice dispatch date: 28/04/2026 09:33:04 (UTC+00:00) Western European Time, GMT  
Notice dispatch date (eSender): 28/04/2026 09:34:04 (UTC+00:00) Western European Time, GMT  
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Notice publication number: 291959-2026  
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