

## 238749-2026 - Direct award preannouncement

Denmark – Analysers – Purchase of Soil System

OJ S 68/2026 08/04/2026

Voluntary ex-ante transparency notice

Supplies

### 1. Buyer

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#### 1.1. Buyer

Official name: Danmarks Tekniske Universitet - DTU

Email: [piabl@dtu.dk](mailto:piabl@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: Purchase of Soil System

Description: DTU intends to purchase a system for automated long-term observation of greenhouse gases, a Soil Gas Flux System from LI-COR Biosciences GmbH. The highly accurate sensors measure dry mole fractions of CO<sub>2</sub> and CH<sub>4</sub> with stable sensitivity and negligible noise and consider thus the effect of water vapor dilution from soil evaporation on the measurement. The limited size of the chambers and the multi-gas analytics allow us to employ apparatus over a range of applications above porous GHG emitting media, such as natural soils agricultural soils, landfills and novel biofilters. The system includes eight automated chambers that only close during measurement, keeping chamber effects on the soil minimal. According to the ICOS protocol, we need 16 chamber bases for alternating measurement. 16 Soil sensors will continuously monitor volumetric soil water content and soil temperature. The system follows the requirements of the protocol for such measurements defined by the ecosystem thematic center of the Integrated Carbon Observation System and keeps dimensions comparable to an earlier system used at DTU, while it exceeds the analytical specifications. This is necessary for the continuity of the standards and for comparability with earlier measurements with the predecessor of that system (only for CO<sub>2</sub>).

Procedure identifier: 1d776cd1-f9bf-4f26-87d2-5baa09b0092a

Internal identifier: 10924

Type of procedure: Negotiated without prior call for competition

##### 2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38434000 Analysers

Additional classification (cpv): 38430000 Detection and analysis apparatus

##### 2.1.2. Place of performance

Anywhere

##### 2.1.4. General information

**Legal basis:**

Directive 2014/24/EU

## 5. Lot

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### 5.1. Lot: LOT-0000

Title: Purchase of Soil System

Description: DTU intends to purchase a system for automated long-term observation of greenhouse gases, a Soil Gas Flux System from LI-COR Biosciences GmbH. The highly accurate sensors measure dry mole fractions of CO<sub>2</sub> and CH<sub>4</sub> with stable sensitivity and negligible noise and consider thus the effect of water vapor dilution from soil evaporation on the measurement. The limited size of the chambers and the multi-gas analytics allow us to employ apparatus over a range of applications above porous GHG emitting media, such as natural soils agricultural soils, landfills and novel biofilters. The system includes eight automated chambers that only close during measurement, keeping chamber effects on the soil minimal. According to the ICOS protocol, we need 16 chamber bases for alternating measurement. 16 Soil sensors will continuously monitor volumetric soil water content and soil temperature. The system follows the requirements of the protocol for such measurements defined by the ecosystem thematic center of the Integrated Carbon Observation System and keeps dimensions comparable to an earlier system used at DTU, while it exceeds the analytical specifications. This is necessary for the continuity of the standards and for comparability with earlier measurements with the predecessor of that system (only for CO<sub>2</sub>).  
Internal identifier: 10924

#### 5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38434000 Analysers

Additional classification (cpv): 38430000 Detection and analysis apparatus

#### 5.1.2. Place of performance

Anywhere

#### 5.1.6. General information

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

#### 5.1.16. Further information, mediation and review

Mediation organisation: Konkurrence- og Forbrugerstyrelsen

Review organisation: Klagenævnet for Udbud

Organisation providing more information on the review procedures: Danmarks Tekniske Universitet - DTU

## 6. Results

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Value of all contracts awarded in this notice: 179 000,00 EUR

### Direct award

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Justification for direct award: The contract can be provided only by a particular economic operator because of an absence of competition for technical reasons

Other justification: DTU intends to purchase a system for automated long-term observation of greenhouse gases, a Soil Gas Flux System from LI-COR Biosciences GmbH. The highly accurate sensors measure dry mole fractions of CO<sub>2</sub> and CH<sub>4</sub> with stable sensitivity and negligible noise and consider thus the effect of water vapor dilution from soil evaporation on the measurement. The limited size of the chambers and the multi-gas analytics allow us to employ apparatus over a range of applications above porous GHG emitting media, such as

natural soils agricultural soils, landfills and novel biofilters. The system includes eight automated chambers that only close during measurement, keeping chamber effects on the soil minimal. According to the ICOS protocol, we need 16 chamber bases for alternating measurement. 16 Soil sensors will continuously monitor volumetric soil water content and soil temperature. The system follows the requirements of the protocol for such measurements defined by the ecosystem thematic center of the Integrated Carbon Observation System and keeps dimensions comparable to an earlier system used at DTU, while it exceeds the analytical specifications. This is necessary for the continuity of the standards and for comparability with earlier measurements with the predecessor of that system (only for CO<sub>2</sub>).

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

##### 6.1.2. Information about winners

**Winner:**

Official name: LI-COR Biosciences GmbH

**Tender:**

Tender identifier: 10924 - Purchase of Soil System

Identifier of lot or group of lots: LOT-0000

**Contract information:**

Identifier of the contract: 10924 - Purchase of Soil System

## 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: Pia Blume

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

Telephone: +45 93511388

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 more information on the review procedures

### 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:**

Mediation organisation

**8.1. ORG-0004**

Official name: LI-COR Biosciences GmbH

Town: Bad Homburg

Postcode: 61352

Country subdivision (NUTS): Hochtaunuskreis (DE718)

Country: Germany

**Roles of this organisation:**

Tenderer

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

**8.1. ORG-0005**

Official name: Mercell 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@mercell.com](mailto:publication@mercell.com)

Telephone: +47 21018800

Fax: +47 21018801

Internet address: <http://mercell.com/>

**Roles of this organisation:**

TED eSender

**Notice information**

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