

Denmark-Kgs. Lyngby: Laboratory, optical and precision equipments (excl. glasses)

OJ S 161/2019 22/08/2019

Contract notice

Supplies

**Legal Basis:**

Directive 2014/24/EU

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**Section I: Contracting authority**

**I.1. Name and addresses**

Official name: Technical University of Denmark — DTU

National registration number: 30060946

Postal address: Anker Engelunds Vej 1

Town: Kgs. Lyngby

NUTS code: DK Danmark

Postal code: 2800

Country: Denmark

Contact person: Anne Katrine Elkjær-Holm

E-mail: [akelho@dtu.dk](mailto:akelho@dtu.dk)

**Internet address(es):**

Main address: <http://www.dtu.dk>

Address of the buyer profile: <https://eu.eu-supply.com/ctm/Company/CompanyInformation/Index/165863>

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: [http://eu.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=247887&B=DTU](http://eu.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=247887&B=DTU)

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: [http://eu.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=247887&B=DTU](http://eu.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=247887&B=DTU)

Tenders or requests to participate must be submitted to the abovementioned address

**I.4. Type of the contracting authority**

Body governed by public law

**I.5. Main activity**

Education

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**Section II: Object**

**II.1. Scope of the procurement**

**II.1.1. Title**

Procurement of an X-Ray Photoelectron Spectroscopy System

Reference number: 4859

**II.1.2. Main CPV code**

38000000 Laboratory, optical and precision equipments (excl. glasses)

**II.1.3.**

## **Type of contract**

Supplies

### **II.1.4. Short description**

This tender concerns the acquisition of an X-ray photoelectron spectroscopy (XPS) system for a university facility that provides access to an extensive suite of characterisation tools as one of its core purposes. Users of the facility come from all levels of experience and technical backgrounds within the university as well as from commercial customers. The procurement shall be conducted as an open procedure in accordance with Danish legislative Act No 1564 of 15.12.2015 implementing Directive 2014/24/EU on public procurement.

### **II.1.5. Estimated total value**

Value excluding VAT: 6 400 000,00 DKK

### **II.1.6. Information about lots**

This contract is divided into lots: no

## **II.2. Description**

### **II.2.2. Additional CPV code(s)**

38500000 Checking and testing apparatus, 38430000 Detection and analysis apparatus

### **II.2.3. Place of performance**

NUTS code: DK Denmark

Main site or place of performance: Lyngby, DENMARK.

### **II.2.4. Description of the procurement**

This tender concerns the acquisition of an X-ray photoelectron spectroscopy (XPS) system for a university facility that provides access to an extensive suite of characterisation tools as one of its core purposes. Users of the facility come from all levels of experience and technical backgrounds within the university as well as from commercial customers. The acquisition and processing of XPS spectra is the core purpose of the instrument. However, a great variety of additional techniques may be applied to extract further information from the samples with no or very limited additions of hardware. Techniques such as REELS (Reflected Electron Energy Loss Spectroscopy) and ISS (Ion Scattering Spectroscopy) and others are interesting, but other options requiring dedicated sources and/or detectors such as AES (Auger Electron Spectroscopy) and Raman spectroscopy may also be considered.

The instrument must be largely operated by means of a computer with a dedicated software solution. From here, the samples are transferred back and forth, experiments are designed and the data is analysed. Given the intended number of users, it is essential that the software is very intuitive and straight forward to use. To process the data acquired, the software must include comprehensive routines for identification of elements in a spectrum and peak fitting capabilities thus enabling the conversion from spectra to concentrations of elements or chemical components.

The procurement shall be conducted as an open procedure in accordance with Danish Legislative Act No 1564 of 15.12.2015 implementing Directive 2014/24/EU on public procurement.

### **II.2.5. Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6.**

**Estimated value**

Value excluding VAT: 6 400 000,00 DKK

**II.2.7. Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months: 24

This contract is subject to renewal: no

**II.2.10. Information about variants**

Variants will be accepted: no

**II.2.11. Information about options**

Options: yes

Description of options:

The tender shall include options as further described in the instructions to tenderes, and the associated appendices.

**II.2.13. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds:  
no

**II.2.14. Additional information****Section III: Legal, economic, financial and technical information**

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**III.1. Conditions for participation****III.1.2. Economic and financial standing**

Selection criteria as stated in the procurement documents

**III.1.3. Technical and professional ability**

Selection criteria as stated in the procurement documents

**Section IV: Procedure**

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**IV.1. Description****IV.1.1. Type of procedure**

Open procedure

**IV.1.3. Information about a framework agreement or a dynamic purchasing system****IV.1.8. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: yes

**IV.2. Administrative information****IV.2.2. Time limit for receipt of tenders or requests to participate**

Date: 23/10/2019 Local time: 12:00

**IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates****IV.2.4. Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.6. Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 6 (from the date stated for receipt of tender)

#### **IV.2.7. Conditions for opening of tenders**

Date: 23/10/2019 Local time: 12:00

### **Section VI: Complementary information**

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#### **VI.1. Information about recurrence**

This is a recurrent procurement: no

#### **VI.3. Additional information**

#### **VI.4. Procedures for review**

##### **VI.4.1. Review body**

Official name: The Danish Complaints Board for Public Procurement

Postal address: Nævnenes hus, Toldboden 2

Town: Viborg

Postal code: 8800

Country: Denmark

E-mail: [klfu@erst.dk](mailto:klfu@erst.dk)

Telephone: +45 35291000

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

##### **VI.4.4. Service from which information about the review procedure may be obtained**

Official name: Danish Competition and Consumer Authority

Postal address: Carl Jacobsens Vej 35

Town: Valby

Postal code: 2500

Country: Denmark

E-mail: [kfst@kfst.dk](mailto:kfst@kfst.dk)

Telephone: +45 41715000

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

#### **VI.5. Date of dispatch of this notice**

20/08/2019