

DK-Copenhagen: laboratory, optical and precision equipments (excl. glasses)

OJ S 36/2012 22/02/2012

Contract notice

Supplies

Directive 2004/18/EC

## Section I: Contracting authority

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### I.1. Name and addresses

Official name: University of Copenhagen

Postal address: Universitetsparken 5

Town: Copenhagen Ø

Postal code: 2100

Country: Denmark

Contact person: Faculty of Science, Niels Bohr Institute

For the attention of: Jesper Nygård

E-mail: [nygard@nbi.ku.dk](mailto:nygard@nbi.ku.dk)

**Internet address(es):**

Electronic access to information: <http://www.brugertjenesten.dk>

**Additional information can be obtained from:**

the abovementioned address

**Specifications and additional documents (including documents for competitive dialogue and a dynamic purchasing system) can be obtained from:**

the abovementioned address

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

### I.2. Type of the contracting authority

Other: University

### I.3. Main activity

Education

Other: Research

### I.4. Contract award on behalf of other contracting authorities

The contracting authority is purchasing on behalf of other contracting authorities: no

## Section II: Object of the contract

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### II.1. Description

#### II.1.1. Title attributed to the contract by the contracting authority

Purchase of a cryogen free dilution cryostat with magnet.

#### II.1.2. Type of contract and place of performance or delivery

Supplies

Purchase

Main site or place of performance: Niels Bohr Institute.

Attn: Jesper Nygård.

H.C. Ørsted Institute, build. D

Universitetsparken 5.

2100 Copenhagen Ø  
Denmark.  
NUTS code DK011 Byen København

### **II.1.3. Information about a framework agreement or a dynamic purchasing system**

The notice involves a public contract

### **II.1.4. Information about framework agreement**

### **II.1.5. Short description of the contract or purchase(s)**

The purpose of the tender is to purchase a cryogen free dilution cryostat with magnet.

The system is to be used for experiments at millikelvin temperatures for research in quantum electron transport at Niels Bohr Institute and its Center for Quantum Devices. The system will typically be used for electrical measurements on semiconductor quantum dots, nanowire devices and similar nano-electronic circuits.

This tender is for the cryostat and magnet only; measurement equipment will be built in-house. The laboratory has already experience with dilution cryostats, cryogen-free cryostats, and superconducting magnets.

The system should be of the cryogen-free design with extensive wiring for electrical measurements (incl. high frequency coax lines), space for low-temperature electronics /filtering, a mechanism for rapid sample exchange, and a two- or three-axis ('vector rotate') magnet.

The cryostat is expected to operate with a base temperature around 10 mK while also allowing temperature dependences at higher temperatures. The measurements will not dissipate any significant power at low temperature. Frequent sample exchanges are necessary but extended measurement series (months) are also expected. The field of the multi-axis magnet is expected to be at least 3 T and 8 T in two orthogonal directions, respectively.

### **II.1.6. CPV code(s)**

38000000 Laboratory, optical and precision equipments (excl. glasses), 38500000 Checking and testing apparatus

### **II.1.7. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: yes

### **II.1.8. Lots**

This contract is divided into lots: no

### **II.1.9. Information about variants**

Variants will be accepted: yes

## **II.2. Scope of the procurement**

### **II.2.1. Total quantity or scope**

### **II.2.2. Information about options**

Options: yes

Description of options: The Contracting Authority requires options for the following;

1. Warranty for 2 times an additional year (i.e. year 2 and 3);
2. Bipolar magnet power supplies;
3. Additional wiring (coax types and attenuators);
4. Cryostat stand;
5. Liquid helium mixture.

### **II.2.3. Information about renewals**

This contract is subject to renewal: no

### **II.3. Duration of the contract or time limit for completion**

## **Section III: Legal, economic, financial and technical information**

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### **III.1. Conditions related to the contract**

#### **III.1.1. Deposits and guarantees required**

Please see the draft contract Section 20 available at [www.brugertjenesten.dk](http://www.brugertjenesten.dk).

#### **III.1.2. Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them**

Please see the draft contract Section 10 available at [www.brugertjenesten.dk](http://www.brugertjenesten.dk).

#### **III.1.3. Legal form to be taken by the group of economic operators to whom the contract is to be awarded**

None.

#### **III.1.4. Contract performance conditions**

The performance of the contract is subject to particular conditions: no

### **III.2. Conditions for participation**

#### **III.2.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions: Any tenderer will be excluded from participation where that tenderer:

- (a) Has been the subject of a conviction by final judgment concerning participation in a criminal organisation, corruption, fraud or money laundering;
- (b) Is bankrupt or is being wound up, where his affairs are being administered by the court, where he has entered into an arrangement with creditors, where he has suspended business activities or is in any analogous situation arising from a similar procedure under national laws and regulations;
- (c) Is the subject of proceedings for a declaration of bankruptcy, for an order for compulsory winding up or administration by the court or of an arrangement with creditors or of any other similar proceedings under national laws and regulations;
- (d) Has been convicted by a judgment which has the force of res judicata in accordance with the legal provisions of the country of any offence concerning his professional conduct;
- (e) Has been guilty of grave professional misconduct proven by any means which the Contracting Authority can demonstrate;
- (f) Has not fulfilled obligations relating to the payment of social security contributions in accordance with the legal provisions of the country in which he is established or with those of Denmark;
- (g) Has not fulfilled obligations relating to the payment of taxes in accordance with the legal provisions of the country in which he is established or with those of Denmark; or
- (h) Is guilty of serious misrepresentation in supplying the information required under this clause or has not supplied such information.

Consolidated Act no. 336 of 13 May 1997 on limitation of debtors' participation in public works contracts, etc., stipulates that, in connection with the purchase of goods and services, the public contracting entity shall demand that any tenderer make a solemn declaration stating to

which extent the tenderer has unpaid mature debt to any public authorities in the form of taxes, duties and contributions to social security schemes under Danish law or under the laws of the country in which the tenderer has its registered office.

In order to prove that one or several of the aforesaid grounds for exclusion do not exist, the tenderer must complete and sign Template A - Solemn declaration, which is available at [www.brugertjenesten.dk](http://www.brugertjenesten.dk).

If the Contracting Authority finds it necessary, the tenderer who the Contracting Authority intends to contract with is obligated to provide further documentation that one or several of the aforesaid grounds for exclusion do not exist.

### **III.2.2. Economic and financial ability**

List and brief description of conditions: The tenderer must document its financial and economic capacity by providing the following documents:

- (a) The entity's annual reports for the last 2 completed financial years;
- (b) A statement of the equity for each of the last 2 completed financial years by the tenderer completing the relevant section in Appendix 2 - bid schedule.

Minimum level(s) of standards possibly required: The tenderer must meet the following financial and economical minimum requirement:

- An equity of no less than 500 000 DKK for each of the last 2 completed financial years.

### **III.2.3. Technical and professional ability**

List and brief description of conditions:

The tenderer must document its technical capacity by providing the following documents and completing the relevant section in Appendix 2 - bid schedule.

- (a) A statement of the tenderer's annual turnover from business comparable to the contract covered by this procedure for the last 2 completed financial years;
- (b) A list of the most important and comparable contracts completed by the tenderer maximum 2 years before the submission of the tender stating the time as well as the name and telephone number of the recipient. The Contracting Authority reserves the right to check such references and the tenderers may provide more references than the required 5.

Minimum level(s) of standards possibly required:

The tenderer must meet the following minimum requirements for technical capacity:

- An annual turnover from business comparable to the contract covered by this procedure of no less than 10 000 000 DKK for the last 2 completed financial years,
- The tenderer must provide at least 3 and no more than 5 references for comparable supplies which at the time for submission of the tender are maximum 2 years of age.

### **III.2.4. Information about reserved contracts**

## **III.3. Conditions specific to services contracts**

### **III.3.1. Information about a particular profession**

### **III.3.2. Information about staff responsible for the performance of the contract**

## **Section IV: Procedure**

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### **IV.1. Type of procedure**

#### **IV.1.1. Type of procedure**

Open

#### **IV.1.2. Information about the limits on the number of candidates to be invited**

#### **IV.1.3. Information about reduction of the number of solutions or tenders during negotiation or dialogue**

#### **IV.2. Award criteria**

##### **IV.2.1. Award criteria**

The most economically advantageous tender in terms of Price is not the only award criterion and all criteria are stated only in the procurement documents

##### **IV.2.2. Information about electronic auction**

An electronic auction will be used: no

#### **IV.3. Administrative information**

##### **IV.3.1. File reference number attributed by the contracting authority**

##### **IV.3.2. Previous publication concerning this procedure**

no

##### **IV.3.3. Conditions for obtaining specifications and additional documents or descriptive document**

##### **IV.3.4. Time limit for receipt of tenders or requests to participate**

30.3.2012 - 12:00

##### **IV.3.5. Estimated date of dispatch of invitations to tender or to participate to selected candidates**

##### **IV.3.6. Languages in which tenders or requests to participate may be submitted**

English.

##### **IV.3.7. Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

##### **IV.3.8. Conditions for opening of tenders**

Persons authorised to be present at the opening of tenders: no

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

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

This is a recurrent procurement: no

##### **VI.2. Information about European Union funds**

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

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

The Contracting Authority will not forward the tender documents to Tenderers by mail or e-mail. All documents can be downloaded for free on the web page: [www.brugertjenesten.dk](http://www.brugertjenesten.dk).

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

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

Official name: Complaints Board for Public Procurement  
Postal address: Kampmannsgade 1

Town: Copenhagen V  
Postal code: 1780  
Country: Denmark  
E-mail: [kifu@eogs.dk](mailto:kifu@eogs.dk)  
Telephone: +45 35291000  
Internet address: <http://www.kifu.dk>

**VI.4.2. Review procedure**

Precise information on deadline(s) for review procedures: 6 months from publication of the contract award notice.

**VI.4.3. 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**

17.2.2012