

Germany-Berlin: Laboratory, optical and precision equipments (excl. glasses)

OJ S 238/2014 10/12/2014

Contract notice

Supplies

Directive 2004/18/EC

Section I: Contracting authority

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**I.1. Name and addresses**

Official name: Helmholtz-Zentrum-Berlin für Materialien und Energie GmbH

Postal address: Hahn-Meitner-Platz 1

Town: Berlin

Postal code: 14109

Country: Germany

For the attention of: AEM Fr. Grotjahn

E-mail: [grotjahn@helmholtz-berlin.de](mailto:grotjahn@helmholtz-berlin.de)

Telephone: +49 30806212652

Fax: +49 30806212925

**Internet address(es):**

Electronic access to information: <http://www.subreport.de/E41761627>

Electronic submission of tenders and requests to participate: <http://www.subreport.de/E41761627>

**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**

Body governed by public law

**I.3. Main activity**

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**

A20\_2014 Chopper EXED.

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

Supplies

Purchase

NUTS code DE3 Berlin

**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 EXED inelastic chopper system will consist of two discs made of carbon fiber, mounted in a single housing sharing a common vacuum with neutron guide system. Each disc has to be mounted on a rotor axis of phase stabilized ( $0.01^\circ$  on a range of  $360^\circ$ ) motor and supported by conventional (hybrid) ball bearings. Maximum rotation speed of 250 Hz (15000 rpm) should be achieved for each disc. The discs should be able to park in a specified open or closed position. The bearings lifetime for the chopper running at maximum speed should be at least 6 months. Both discs shall be operated (independently) in cw and ccw directions. The diameter of the discs shall be 600 mm. The discs have to be coated (in the 'active' radial range slightly bigger than the aperture heights) with Boron containing coatings (10B4C) with a transmission  $<10^{-7}$  for the calculated spectrum.

Beside the chopper hardware specified deliverables include:

- power supplies, chopper phase and speed control electronics, speed and phase control programming package and an interface to the instrument control computer system, monitoring and automatic safety system;
- hardware and software communication protocol between choppers, speed and phase control electronics as well as the safety system and the instrument control system;
- complete documentation on chopper system and on items listed above including results of quality control tests during fabrication.

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

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

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

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

This contract is divided into lots: no

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

Variants will be accepted: no

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

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

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— complete documentation on chopper system and on items listed above including results of quality control tests during fabrication.

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

Options: no

#### **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**

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

30 % after signing contract with bank guaranty.

10 % after delivery of final design and acceptance by HZB.

30 % after delivery of the chopper system to HZB.

30 % after installation and final acceptance tests at HZB.

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

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

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

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

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

List and brief description of conditions: — Statement on the total turnover of the company as well as on the turnover regarding the special kind of performance being subject-matter of awarding referred to the last 2 business years.

Minimum level(s) of standards possibly required: Mim 3 x order value.

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

List and brief description of conditions:

References.

Minimum level(s) of standards possibly required:

At least two references of highly reputed neutron scattering centers approving the faultless operation of carbon fibre made chopper discs at angular speeds beyond 250 Hz for more than 5 000 hours. Disc should be similar to specification given above.

#### **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**

Negotiated

Some candidates have already been selected (if appropriate under certain types of negotiated procedures) no

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

Envisaged minimum number 3

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

Recourse to staged procedure to gradually reduce the number of solutions to be discussed or tenders to be negotiated yes

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

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

The most economically advantageous tender in terms of Criteria below

1. Price / cost. Weighting 30
2. Delivery time. Weighting 10
3. Technical quality. Weighting 50
4. Project management. Weighting 10

#### **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**

A20\_2014 E41761627

#### **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**

14.1.2015 - 23:59

#### **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**

German. English.

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

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

## 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

### VI.3. Additional information

Validity period 27.2.2015.

### VI.4. Procedures for review

#### VI.4.1. Review body

Official name: Vergabekammer des Bundes beim Bundeskartellamt

Postal address: Villemombler Str. 76

Town: Bonn

Country: Germany

#### Body responsible for mediation procedures

Official name: See VI.4.1.

#### VI.4.2. Review procedure

#### VI.4.3. Service from which information about the review procedure may be obtained

Official name: See VI.4.1.

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

4.12.2014