

Germany-Hamburg: Magnets

OJ S 244/2015 17/12/2015

Contract notice

Supplies

Directive 2004/18/EC

Section I: Contracting authority

I.1. Name and addresses

Official name: Deutsches Elektronen-Synchrotron DESY in der Helmholtz Gemeinschaft

Postal address: Notkestr. 85

Town: Hamburg

Postal code: 22603

Country: Germany

Contact person: Sekretariat

E-mail: warenwirtschaft.v4sk@desy.de

Telephone: +49 4089982480

Fax: +49 4089984009

Internet address(es):General address of the contracting authority: <http://www.desy.de>**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: Foundation under German Civil 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

II.1. Description**II.1.1. Title attributed to the contract by the contracting authority**

Supply of three (3) different Undulator Magnet Structures for PETRA III Extension at DESY.

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

Supplies

NUTS code DE600 Hamburg

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)

In accordance with the technical specifications manufacturing and delivery of permanent magnet structures for 3 different undulators of 2 m length for the light source PETRA III at DESY.

Undulators play a key role in the generation of synchrotron radiation; this leads to stringent requirements for manufacturing tolerances (μm -accuracy) and assembly in order to achieve the desired mechanical properties and magnetic performance. These devices will be installed in a storage ring tunnel and will be exposed to radiation during operation.

An undulator has a mechanical drive system which allows for adjustment of the gap between the magnet girders with μm -accuracy while magnetic forces of up to 3 tons are present.

The dye-pressed magnet material and pole material for the magnet structure have strict specifications of their magnetic properties and mechanical tolerances which need entirely to be documented. The tight manufacturing tolerances relate to the required functional accuracy and need to be explicitly inspected and documented after certain manufacturing steps, e.g. check of all reference dimensions on a CMM. All magnetic measurements require calibrated equipment.

II.1.6. CPV code(s)

31630000 Magnets, 42990000 Miscellaneous special-purpose machinery, 38000000 Laboratory, optical and precision equipments (excl. glasses)

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: yes

Tenders may be submitted for one or more lots

II.1.9. Information about variants

Variants will be accepted: yes

II.2. Scope of the procurement

II.2.1. Total quantity or scope

In accordance with the technical specifications manufacturing and delivery of permanent magnet structures for 3 different undulators of 2 m length for the light source PETRA III at DESY.

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

Information about lots

Lot No: 1

Lot title: Supply of Undulator Magnet Structure U29

1) Short description

This lot comprises the fabrication of a 2 m long permanent magnet structure according to manufacturing drawings. The type 'U29' relates to the approximate period length in mm.

Magnetic characterization of the NdFeB-magnets and CoFe-poles as well as assembly and

preadjustment of the magnet structure are an essential part of the contract and are detailed in the 'Technical Specification'.

2) CPV code(s)

31630000 Magnets, 42990000 Miscellaneous special-purpose machinery, 38000000 Laboratory, optical and precision equipments (excl. glasses)

3) Quantity or scope

4) Indication about different time frame or duration

5) Additional information about lots

Lot No: 2

Lot title: Supply of Undulator Magnet Structure U32

1) Short description

This lot comprises the fabrication of a 2 m long permanent magnet structure according to manufacturing drawings. The type 'U32' relates to the approximate period length in mm. Magnetic characterization of the NdFeB-magnets and CoFe-poles as well as assembly and preadjustment of the magnet structure are an essential part of the contract and are detailed in the 'Technical Specification'.

2) CPV code(s)

31630000 Magnets, 42990000 Miscellaneous special-purpose machinery, 38000000 Laboratory, optical and precision equipments (excl. glasses)

3) Quantity or scope

4) Indication about different time frame or duration

5) Additional information about lots

Lot No: 3

Lot title: Supply of Undulator Magnet Structure U33

1) Short description

This lot comprises the fabrication of a 2 m long permanent magnet structure according to manufacturing drawings. The type 'U33' relates to the approximate period length in mm. Magnetic characterization of the NdFeB-magnets and CoFe-poles as well as assembly and preadjustment of the magnet structure are an essential part of the contract and are detailed in the 'Technical Specification'.

2) CPV code(s)

31630000 Magnets, 42990000 Miscellaneous special-purpose machinery, 38000000 Laboratory, optical and precision equipments (excl. glasses)

3) Quantity or scope

4) Indication about different time frame or duration

5) Additional information about lots

Section III: Legal, economic, financial and technical information

III.1. Conditions related to the contract

III.1.1. Deposits and guarantees required

Please note the commercial part of the tender documents.

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

Please note the commercial part of the tender documents.

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

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: — Excerpt from the applicable Commercial Registry (Handelsregister) for the company Tenderers who are not resident in Germany must include equivalent documentation.

— Written confirmation of the responsible financial administrations stating that all tax obligations or dues have been fulfilled orderly.

— Written confirmation of the responsible social-insurance authority stating that all obligations concerning social-insurance contributions have been fulfilled orderly.

— Self-declaration stating that no disclosure of insolvency or similar legal proceedings have been initiated or are pending against the tenderer.

— Self-declarations stating that no liquidation has been initiated or is pending against the tenderer.

— Self-declarations stating that no person acting on behalf of the tenderer has been convicted of any delict referred to under Paragraph 6 EG VOL/A.

III.2.2. Economic and financial ability

List and brief description of conditions: — Declarations of the company's total revenues referring to the last 3 accounting years (each year separately).

— If applicable, declaration of turnover figures related to the specific scope of supply of this tender action, referring to the last 3 accounting years (each year separately).

III.2.3. Technical and professional ability

List and brief description of conditions:

1. Description of experience in the design, manufacturing, and magnetic tuning of undulators or comparable scientific components.

2. Description of experience in permanent magnet technology (manufacturing characterization, handling).

3. Description of experience in magnetic measurement technologies.

4. Submission of references for accomplishment of comparable projects in the previous 3 years.

5. Submission of information on the availability and qualification of personnel allocated for assembly, magnetic tuning, and permanent magnet technology within this project.

6. Submission of information on the applied quality management measures.

7. Declaration of conformity (see TechSpec. 4.1).

8. Submission of information on the properties of the applied magnet an pole material (see

TechSpec. 4.2).

9. Detailed description of the manufacturing and delivery schedule.

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

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 Criteria below

1. Price. Weighting 50
2. Technical implementations. Weighting 25
3. Delivery time / time schedule. Weighting 25

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

EO021-15

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

25.1.2016 - 13:30

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

until: 25.3.2016

IV.3.8. Conditions for opening of tenders

Date: 25.1.2016 - 13:30

Place:

DESY Hamburg, Notkestraße 85, 22607 Hamburg.

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

Section VI: Complementary information

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

VI.4. Procedures for review

VI.4.1. Review body

VI.4.2. Review procedure

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

Official name: Vergabekammer des Bundes beim Bundeskartellamt

Postal address: Villemombler Straße 76

Town: Bonn

Postal code: 53123

Country: Germany

VI.5. Date of dispatch of this notice

11.12.2015