



European Union

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**Contract notice**  
(Directive 2004/18/EC)

## Section I : Contracting authority

### I.1) Name, addresses and contact point(s):

Official name: [Deutsches Elektronen- Synchrotron](#) National ID: *(if known)*  
[DESY in der Helmholtz Gemeinschaft](#)

Postal address: [Notkestr. 85](#)

Town: [Hamburg](#)

Postal code: [22603](#)

Country: [Germany \(DE\)](#)

Contact point(s):

Telephone: [+49 4089982480](#)

For the attention of:

E-mail: [warenwirtschaft.v4sk@desy.de](mailto:warenwirtschaft.v4sk@desy.de)

Fax: [+49 4089984009](#)

**Internet address(es):** *(if applicable)*

General address of the contracting authority/entity: *(URL)* <http://www.desy.de>

Address of the buyer profile: *(URL)*

Electronic access to information: *(URL)* [http://warenwirtschaft.desy.de/ausschreibungen/index\\_ger.html](http://warenwirtschaft.desy.de/ausschreibungen/index_ger.html)

Electronic submission of tenders and requests to participate: *(URL)*

**Further information can be obtained from**

- The above mentioned contact point(s)  Other (please complete Annex A.I)

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

- The above mentioned contact point(s)  Other (please complete Annex A.II)

**Tenders or requests to participate must be sent to**

- The above mentioned contact point(s)  Other (please complete Annex A.III)

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

- Ministry or any other national or federal authority, including their regional or local sub-divisions
- National or federal agency/office
- Regional or local authority
- Regional or local agency/office
- Body governed by public law
- European institution/agency or international organisation
- Other: *(please specify)*

[Foundation under German Civil Law](#)

### I.3) Main activity

- General public services
- Defence
- Public order and safety
- Environment
- Economic and financial affairs
- Health
- Housing and community amenities
- Social protection
- Recreation, culture and religion
- Education
- Other: *(please specify)*

Research

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

The contracting authority is purchasing on behalf of other contracting authorities:

yes  no

*information on those contracting authorities can be provided in Annex A*

## Section II : Object of the contract

### II.1) Description :

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

EO012-16 - Supply of a horizontally focusing, plane-elliptical X-ray mirror for beamline P22 at PETRA III

#### II.1.2) Type of contract and location of works, place of delivery or of performance :

choose one category only – works, supplies or services – which corresponds most to the specific object of your contract or purchase(s)

- |   |   |  |
|---|---|--|
| <input type="radio"/> Works   | <input checked="" type="radio"/> Supplies       | <input type="radio"/> Services             |
| <input type="checkbox"/> Execution  | <input checked="" type="checkbox"/> Purchase    | Service category No:                       |
| <input type="checkbox"/> Design and execution   | <input type="checkbox"/> Lease                  | Please see Annex C1 for service categories |
| <input type="checkbox"/> Realisation, by whatever means of work, corresponding to the requirements specified by the contracting authorities | <input type="checkbox"/> Rental                 |  |
|   | <input type="checkbox"/> Hire purchase          |  |
|   | <input type="checkbox"/> A combination of these |  |

Main site or location of works, place of delivery or of performance :

NUTS code: DE600

#### II.1.3) Information about a public contract, a framework agreement or a dynamic purchasing system (DPS):

- The notice involves a public contract
- The notice involves the establishment of a framework agreement
- The notice involves the setting up of a dynamic purchasing system (DPS)

#### II.1.4) Information on framework agreement : (if applicable)

- Framework agreement with several operators       Framework agreement with a single operator

Number :

or

(if applicable) maximum number :      of participants to the framework agreement envisaged

#### Duration of the framework agreement

Duration in years :      or      in months :

Justification for a framework agreement, the duration of which exceeds four years :

#### Estimated total value of purchases for the entire duration of the framework agreement (if applicable, give figures only)

Estimated value excluding VAT :      Currency :

or

Range: between :      : and :      : Currency :

Frequency and value of the contracts to be awarded : (if known)

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

Supply of a horizontally focusing (face side) plane-elliptical X-ray mirror for beamline P22 at PETRA III X-rays emitted from an undulator device at the PETRA III light source of DESY are monochromatized and then focused vertically and horizontally at the position of an experimental chamber far away from the source. The horizontal focusing of the monochromatic beam is done by a long X-ray mirror (face side, 950 mm optical length) of plane-elliptical shape, the glancing angle of incidence is around 3 mrad. The mirror center is located 79.5m from the source and installed on the floor of an experimental shielding hutch, the focal distance varies from 2.0 to 6.0 m from the mirror center, i.e. the demagnification ratio ranges from about 40 to 13. The varying focal distance requires a corresponding continuous and precise adjustment of the ellipse parameters by means of a suitable mirror bending mechanism. The mirror system is integrated into the uhv environment of the beam path and has to comply with DESY's vacuum specifications, its geometry and support structure is adapted for integration into the existing beamline.

**II.1.6) Common procurement vocabulary (CPV) :**

	Main vocabulary	Supplementary vocabulary (if applicable)
Main object	38600000	
Additional object(s)	38622000	

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

The contract is covered by the Government Procurement Agreement (GPA) :  yes  no

**II.1.8) Lots:** (for information about lots, use Annex B as many times as there are lots)

This contract is divided into lots:  yes  no

(if yes) Tenders may be submitted for

one lot only

one or more lots

all lots

**II.1.9) Information about variants:**

Variants will be accepted :  yes  no

**II.2) Quantity or scope of the contract :**

**II.2.1) Total quantity or scope :** (including all lots, renewals and options, if applicable)

(if applicable, give figures only)

Estimated value excluding VAT : Currency :

or

Range: between : : and : : Currency :

**II.2.2) Information about options :** (if applicable)

Options :  yes  no

(if yes) Description of these options :

(if known) Provisional timetable for recourse to these options :

in months : or in days : (from the award of the contract)

**II.2.3) Information about renewals :** (if applicable)

This contract is subject to renewal:  yes  no

Number of possible renewals: *(if known)* or Range: between : and:

*(if known)* In the case of renewable supplies or service contracts, estimated timeframe for subsequent contracts:

in months: or in days: (from the award of the contract)

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

Duration in months : or in days: (from the award of the contract)

or

Starting: (dd/mm/yyyy)

Completion: (dd/mm/yyyy)

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

### III.1) Conditions relating to the contract:

#### III.1.1) Deposits and guarantees required: *(if applicable)*

[See tender documents.](#)

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

[See tender documents.](#)

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

#### III.1.4) Other particular conditions: *(if applicable)*

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

*(if yes) Description of particular conditions:*

### III.2) Conditions for participation:

#### III.2.1) Personal situation of economic operators, including requirements relating to enrolment on professional or trade registers:

Information and formalities necessary for evaluating if the requirements are met:

Information and formalities necessary for evaluating if the requirements are met:

- 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 according to Art. §§ 123 and 124 GWB (Act against Restraints of Competition)

#### III.2.2) Economic and financial ability:

Information and formalities necessary for evaluating if the requirements are met: Minimum level(s) of standards possibly required: *(if applicable)*

Information and formalities necessary for evaluating if the requirements are met:

- Declarations of the company's total revenues referring to the last three 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 three accounting years (each year separately).

### III.2.3) Technical capacity:

Information and formalities necessary for evaluating if the requirements are met:

Minimum level(s) of standards possibly required: *(if applicable)*

Information and formalities necessary for evaluating if the requirements are met (see also Technical Specification):

- Detailed description of the Technical Design
- Detailed description of the Metrology
- Description of a Project Plan
- A list of work packages
- Specification of Facilities
- Quality Assurance Plan
- Description of the contractor's capabilities, experience and previous projects
- A list of references
- A time schedule

### III.2.4) Information about reserved contracts: *(if applicable)*

- The contract is restricted to sheltered workshops
- The execution of the contract is restricted to the framework of sheltered employment programmes

### III.3) Conditions specific to services contracts:

#### III.3.1) Information about a particular profession:

Execution of the service is reserved to a particular profession:  yes  no  
*(if yes)* Reference to the relevant law, regulation or administrative provision :

#### III.3.2) Staff responsible for the execution of the service:

Legal persons should indicate the names and professional qualifications of the staff responsible for the execution of the service:  yes  no

**Section IV : Procedure**

**IV.1) Type of procedure:**

**IV.1.1) Type of procedure:**

- Open
- Restricted
- Accelerated restricted      Justification for the choice of accelerated procedure:

- Negotiated      Some candidates have already been selected (if appropriate under certain types of negotiated procedures) :  yes  no  
*(if yes, provide names and addresses of economic operators already selected under Section VI.3 Additional information)*

- Accelerated negotiated      Justification for the choice of accelerated procedure:

- Competitive dialogue

**IV.1.2) Limitations on the number of operators who will be invited to tender or to participate:** *(restricted and negotiated procedures, competitive dialogue)*

Envisaged number of operators:  
or  
Envisaged minimum number:      and *(if applicable)* maximum number  
Objective criteria for choosing the limited number of candidates:

**IV.1.3) Reduction of the number of operators during the negotiation or dialogue:** *(negotiated procedure, competitive dialogue)*

Recourse to staged procedure to gradually reduce the number of solutions to be discussed or tenders to be negotiated :  yes  no

**IV.2) Award criteria**

**IV.2.1) Award criteria** *(please tick the relevant box(es))*

- Lowest price
- or
- The most economically advantageous tender in terms of
  - the criteria stated below *(the award criteria should be given with their weighting or in descending order of importance where weighting is not possible for demonstrable reasons)*
  - the criteria stated in the specifications, in the invitation to tender or to negotiate or in the descriptive document

Criteria	Weighting	Criteria	Weighting
1.		6.	
2.		7.	
3.		8.	
4.		9.	



Criteria	Weighting	Criteria	Weighting
5.		10.	

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

An electronic auction will be used  yes  no

(if yes, if appropriate) Additional information about electronic auction:

#### IV.3) Administrative information:

**IV.3.1) File reference number attributed by the contracting authority:** (if applicable)

EO012-16

**IV.3.2) Previous publication(s) concerning the same contract:**

yes  no

(if yes)

Prior information notice  Notice on a buyer profile

Notice number in the OJEU: of: (dd/mm/yyyy)

Other previous publications(if applicable)

**IV.3.3) Conditions for obtaining specifications and additional documents or descriptive document:** (in the case of a competitive dialogue)

Time limit for receipt of requests for documents or for accessing documents

Date: Time:

Payable documents  yes  no

(if yes, give figures only) Price: Currency:

Terms and method of payment:

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

Date: 16/03/2017 Time:

**IV.3.5) Date of dispatch of invitations to tender or to participate to selected candidates:** (if known, in the case of restricted and negotiated procedures, and competitive dialogue)

Date:

**IV.3.6) Language(s) in which tenders or requests to participate may be drawn up:**

Any EU official language

Official EU language(s):

DE, EN

Other:

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

until: : 15/05/2017

or

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

**IV.3.8) Conditions for opening of tenders:**

Date :                      (dd/mm/yyyy)    Time

*(if applicable)* Place:

Persons authorised to be present at the opening of tenders *(if applicable)* :

yes     no

*(if yes)* Additional information about authorised persons and opening procedure:

## Section VI: Complementary information

### VI.1) Information about recurrence: *(if applicable)*

This is a recurrent procurement :  yes  no

*(if yes)* Estimated timing for further notices to be published:

### VI.2) Information about European Union funds:

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

*(if yes)* Reference to project(s) and/or programme(s):

### VI.3) Additional information: *(if applicable)*

### VI.4) Procedures for appeal:

#### VI.4.1) Body responsible for appeal procedures:

Official name: [Vergabekammer des Bundes beim Bundeskartellamt](#)

Postal address: [Villemombler Straße 76](#)

Town: [Bonn](#)

Postal code: [53123](#)

Country: [Germany \(DE\)](#)

Telephone:

E-mail:

Fax:

Internet address: *(URL)*

#### Body responsible for mediation procedures *(if applicable)*

Official name:

Postal address:

Town:

Postal code:

Country:

Telephone:

E-mail:

Fax:

Internet address: *(URL)*

#### VI.4.2) Lodging of appeals: *(please fill in heading VI.4.2 or if need be, heading VI.4.3)*

#### VI.4.3) Service from which information about the lodging of appeals may be obtained:

Official name:

Postal address:

Town:

Postal code:

Country:

Telephone:

E-mail:

Fax:

Internet address: (*URL*)

**VI.5) Date of dispatch of this notice:**

[08/02/2017](#) (*dd/mm/yyyy*) - ID:2017-018662

**Annex A**  
**Additional addresses and contact points**

**I) Addresses and contact points from which further information can be obtained**

Official name: National ID: *(if known)*  
Postal address:  
Town: Postal code: Country:  
Contact point(s): Telephone:  
For the attention of:  
E-mail: Fax:  
Internet address: *(URL)*

**II) Addresses and contact points from which specifications and additional documents can be obtained**

Official name: National ID: *(if known)*  
Postal address:  
Town: Postal code: Country:  
Contact point(s): Telephone:  
For the attention of:  
E-mail: Fax:  
Internet address: *(URL)*

**III) Addresses and contact points to which tenders/requests to participate must be sent**

Official name: National ID: *(if known)*  
Postal address:  
Town: Postal code: Country:  
Contact point(s): Telephone:  
For the attention of:  
E-mail: Fax:  
Internet address: *(URL)*

**IV) Address of the other contracting authority on behalf of which the contracting authority is purchasing**

Official name National ID ( if known ):  
Postal address:  
Town Postal code  
Country

----- (Use Annex A Section IV as many times as needed) -----



**Annex C1 – General procurement**  
**Service categories referred to in Section II: Object of the contract**  
**Directive 2004/18/EC**

<b>Category No [1]</b>	<b>Subject</b>
1	Maintenance and repair services
2	Land transport services [2], including armoured car services, and courier services, except transport of mail
3	Air transport services of passengers and freight, except transport of mail
4	Transport of mail by land [3] and by air
5	Telecommunications services
6	Financial services: a) Insurances services b) Banking and investment services [4]
7	Computer and related services
8	Research and development services [5]
9	Accounting, auditing and bookkeeping services
10	Market research and public opinion polling services
11	Management consulting services [6] and related services
12	Architectural services; engineering services and integrated engineering services; urban planning and landscape engineering services; related scientific and technical consulting services; technical testing and analysis services
13	Advertising services
14	Building-cleaning services and property management services
15	Publishing and printing services on a fee or contract basis
16	Sewage and refuse disposal services; sanitation and similar services
<b>Category No [7]</b>	<b>Subject</b>
17	Hotel and restaurant services
18	Rail transport services
19	Water transport services
20	Supporting and auxiliary transport services
21	Legal services
22	Personnel placement and supply services [8]
23	Investigation and security services, except armoured car services
24	Education and vocational education services
25	Health and social services
26	Recreational, cultural and sporting services [9]
27	Other services

1 Service categories within the meaning of Article 20 and Annex IIA to Directive 2004/18/EC.

2 Except for rail transport services covered by category 18.

3 Except for rail transport services covered by category 18.

4 Except financial services in connection with the issue, sale, purchase or transfer of securities or other financial instruments, and central bank services. The following are also excluded: services involving the acquisition or rental, by whatever financial means, of land, existing buildings or other immovable property or concerning rights thereon. However, financial service contracts concluded at the same time as, before or after the contract of acquisition or rental, in whatever form, shall be subject to the Directive.

- 5 Except research and development services other than those where the benefits accrue exclusively to the contracting authority for its use in the conduct of its own affairs on condition that the service provided is wholly remunerated by the contracting authority.
- 6 Except arbitration and conciliation services.
- 7 Service categories within the meaning of Article 21 and Annex IIB of Directive 2004/18/EC.
- 8 Except employment contracts.
- 9 Except contracts for the acquisition, development, production or co-production of program material by broadcasters and contracts for broadcasting time.