

Germany-Munich: Miscellaneous special-purpose machinery

OJ S 28/2021 10/02/2021

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. über
Vergabeportal deutsche eVergabe

Postal address: Hansastr. 27c

Town: München

NUTS code: DE212 München, Kreisfreie Stadt

Postal code: 80686

Country: Germany

E-mail: fraunhofer@deutsche-evergabe.de**Internet address(es):**Main address: <http://www.fraunhofer.de>Address of the buyer profile: <http://www.deutsche-evergabe.de>**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <http://www.deutsche-evergabe.de>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <http://www.deutsche-evergabe.de>**I.4. Type of the contracting authority**

Other type: Research Society e. V.

I.5. Main activity

Other activity: Research and Development

Section II: Object

II.1. Scope of the procurement**II.1.1. Title**

Surface Plasma Chemical Vapor Deposition — IOF — E_066_252230 ksp-KauAnj

Reference number: E_066_252230 ksp-KauAnj

II.1.2. Main CPV code

42990000 Miscellaneous special-purpose machinery

II.1.3. Type of contract

Supplies

II.1.4. Short description

Fraunhofer Institute for Applied Optics and Precision Engineering IOF plans to acquire a machine for the fabrication of doped SiO₂ material via chemical vapor deposition. The material will be used to develop highly specialized high-power fiber lasers. Dopants of interest are Aluminum, Fluorine and Rare Earth Oxides (e.g. Ytterbium, Thulium, Cerium, etc.). However, the machinery should not be limited to these dopants and other dopants should in principle be possible as well. For chemical purity the deposition process should take place inside a fused silica substrate tube and all dopants should be fed into the deposition zone in the gas phase.

II.1.5. Estimated total value

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.3. Place of performance

NUTS code: DEG03 Jena, Kreisfreie Stadt

Main site or place of performance: 07745 Jena.

II.2.4. Description of the procurement

Fraunhofer Institute for Applied Optics and Precision Engineering IOF plans to acquire a machine for the fabrication of doped SiO₂ material via chemical vapor deposition. The material will be used to develop highly specialized high-power fiber lasers. Dopants of interest are Aluminum, Fluorine and Rare Earth Oxides (e.g. Ytterbium, Thulium, Cerium, etc.). However, the machinery should not be limited to these dopants and other dopants should in principle be possible as well. For chemical purity the deposition process should take place inside a fused silica substrate tube and all dopants should be fed into the deposition zone in the gas phase.

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

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

Start: 01/02/2022 End: 01/03/2022

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:

6.1 Software update

10.1 extension of warranty to 60 months

13.4.1 German manual

14.1 plasma based decomposition and deposition

16.1 dedicated refill station

17.1 > 95 %

18.1 additionally using of following passive dopants, such as: • Nitrogen, • Germanium, • Phosphorus

21.1 possible passive dopant concentrations in the deposited glass material measured after the deposition process (in mol%):

• Al₂O₃ > 3

• SiF₄ > 1

• B₂O₃ > 5

22.1 further passive dopants such as alkaline earths

23.1 all passive dopants included in the machine

24.1 other rare earth dopants

25.1 rare earth halides

26.1 all rare earth dopants included in the machine

28.1 possible rare earth dopant concentrations in the deposited glass material measured after the deposition process (in mol%): RE₂O₃ > 0.3

29.1 repeatability of doping concentration: < 0.01 mol% for active and passive dopants

31.1 available chemical purity for all precursors (trace metal basis): 99.999 % (6N)

33.1 loading in a dedicated filling station

36.1 minimum deposition length: ≥ 500 mm

37.1 typical substrate tube inner diameter (Ø_{inner}): 10 > Ø_{inner} > 30 mm

39.1 optical characterization and control of deposition process (e.g. by means of optical spectrometer)

47.1 dedicated emergency mode

48.1 doped material with

Al₂O₃ > 3

Tm₂O₃ > 0.3

(in mol%)

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

III.1. Conditions for participation

III.1.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions:

The documents listed below must be presented in full with the offer. Incomplete documents may lead to the exclusion of the proceedings.

III.1.2. Economic and financial standing

List and brief description of selection criteria:

1) Profile of your company;

2) Turnover for the last 3 years;

3) Self-declaration on the eligibility of tenderers (§123 and §124 based on the Restriction of Competition Act);

5) Written declaration from your bank issued after the award of the contract, a bank guarantee in accordance with the tendering procedure.

III.1.3. Technical and professional ability

List and brief description of selection criteria:

4) Min. 3 comparable project not older than three years (min. information: name of client, contact person incl. contact details). If for data protection reasons, you are not allowed to

name your contact persons, please categorize your client (research, industry, other public contractors).

III.2. Conditions related to the contract

III.2.2. Contract performance conditions

In the event that subcontractors are used, they must be named and their suitability is likewise to be substantiated on the basis of the listed documents under III.1). Furthermore, it must be confirmed that they will be available if the order is placed; their share in the scope of the contractual object must be stated.

Section IV: Procedure

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: 11/03/2021 Local time: 09:00

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, German

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

Tender must be valid until: 10/05/2021

IV.2.7. Conditions for opening of tenders

Date: 11/03/2021 Local time: 10:00

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.3. Additional information

— Request of documents — available at: The award documents can be retrieved exclusively through the award portal of the German e-Vergabe at www.deutsche-evergabe.de. With the tender submission, contenders are also subject to the provisions regarding unsuccessful tenders (§134 GWB (German Act Against Restraints of Competition)). Questions or remarks from the tenderer must be sent, in English only, exclusively via e-mail to the contact point named under No. I.1. As far as relevant, responses to the questions or remarks of the tenderer shall also be sent to all other tenderers.

Pursuant to Section 9 Par. 3 S. 2 VgV (German public procurement regulation), the contract notice and the award documents are available to you at the German eVergabe with or without registration.

Please note that registration is required for requests to participate, tender submissions and tenderer questions.

We therefore recommend early registration, also in order to receive any tenderer information; you otherwise bear the risk of possible tender exclusion.

VI.4. Procedures for review

VI.4.1. Review body

Official name: Vergabekammer des Bundes beim Bundeskartellamt

Postal address: Villemombler Straße 76

Town: Bonn

Postal code: 53123

Country: Germany

VI.4.3. Review procedure

Precise information on deadline(s) for review procedures:

A request for review is inadmissible if more than 15 calendar days have passed since the receipt of the notification from the ordering party indicating a lack of willingness to help with the objection (§ 160 Par. 3 Clause 1 No 4 GWB <German Act Against Restraints of Competition>).

A request for review is additionally inadmissible if the contract has been awarded before the Vergabekammer <procurement review authority> has informed the ordering party of the request for review (§§ 168 Par. 2 Clause 1, 169 Par. 1 GWB). The award of the contract is possible 15 calendar days after the dispatch of the tenderer information pursuant to § 134 Par. 1 GWB. If the information is sent electronically or via fax, this time period is reduced to ten calendar days (§ 134 Par. 2 GWB). The time period begins on the day after the dispatch of the information by the ordering party; the day on which it is received at the concerned tenderer and applicant is not relevant. The admissibility of a request for review furthermore presupposes that a complaint has been made to the ordering party with regard to the asserted procurement violations within 10 days after knowledge was obtained of it (§ 160 Par. 3 Clause 1 No 1 GWB). Complaints regarding violations of procurement rules that are apparent on the basis of the announcement must be made to the ordering party before the expiration of the time period named in the announcement for the application or for the tendering (§ 160 Par. 3 Clause 1 No 1 GWB). Complaints regarding violations of procurement rules that do not become apparent until appearing in the award documents must be made to the ordering party no later than by the expiration of the time period for the application or for the tendering (§ 160 Par. 3 Clause 1 No 1 GWB).

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

Official name: Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. über Vergabeportal eVergabe

Postal address: HansasträÙe 27c

Town: München

Postal code: 80686

Country: Germany

E-mail: einkauf@zv.fraunhofer.de

Internet address: <http://www.fraunhofer.de>

VI.5. Date of dispatch of this notice

05/02/2021

