

Germany-Munich: Heat pumps

OJ S 194/2023 09/10/2023

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Fraunhofer-Gesellschaft - Einkauf B12

Postal address: Hansastrasse 27c

Town: München

NUTS code: DE212 München, Kreisfreie Stadt

Postal code: 80686

Country: Germany

Contact person: corporate Procurement Scientific Devices

E-mail: einkauf@zv.fraunhofer.de

Internet address(es):

Main address: <https://vergabe.fraunhofer.de/>

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: https://vergabe.fraunhofer.de/NetServer/TenderingProcedureDetails?function=__Details&TenderOID=54321-Tender-18ae08e83e0-2ee7b3be8875f78d

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://vergabe.fraunhofer.de>

<https://vergabe.fraunhofer.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

Heat pump circuit and test stand - PR523869 - 3840 - W

Reference number: PR523869 - 3840 - W

II.1.2. Main CPV code

42511110 Heat pumps

II.1.3. Type of contract

Supplies

II.1.4. Short description

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: DEA51 Bochum, Kreisfreie Stadt

Main site or place of performance: Fraunhofer IEG Institution for Energy Infrastructures and Geothermal Systems Am Hochschulcampus 1 IEG | 44801 Bochum | Germany

II.2.4. Description of the procurement

The detailed tender documents will be shared only after the bidding competition has been completed and a non-disclosure agreement has been signed. Essentially, two circuits are to be implemented by the contractor:

1. A heat pump test stand, which provides the source capacity (up to approx. 800 kW, 70 - 120 °C, perspective up to 150 °C) to the test unit (a high temperature heat pump) and discharges the sink capacity (approx. 1 MW, 140 - 200 °C, perspective up to 250 °C). If possible, thermal oil should not be used here, instead pressurized water is to be preferred. The circuit required for this, including measurement technology, is to be designed by the contractor, set up on the IEG site in Bochum and put into operation.

2. A heat pump circuit with water as refrigerant. On the source side, the heat pump will be able to process 80 - 120 °C and on the sink side it will be able to deliver a temperature level of 140 - 200 °C. The maximum output of the heat pump will be up to approx. 750 kW, partial load down to approx. 20 % should be possible. The compressor with motor as well as a design of the circuit with proposed components for heat exchanger, valves, measuring technique and additional aggregates will be provided by the client, but can still be modified in the course of discussions. Piping layout/design on a machine frame shall be done by the contractor. The heat pump circuit is to be integrated into the heat pump test stand as a test unit and communicate with it.

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

Duration in months: 10

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: no

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:

Directlink to documents with Selection criteria: (URL) <https://vergabe.fraunhofer.de/NetServer/SelectionCriteria/54321-Tender-18ae08e83e0-2ee7b3be8875f78d>

III.1.2. Economic and financial standing

List and brief description of selection criteria:

Directlink to documents with Selection criteria: (URL) <https://vergabe.fraunhofer.de/NetServer/SelectionCriteria/54321-Tender-18ae08e83e0-2ee7b3be8875f78d>

III.1.3. Technical and professional ability

List and brief description of selection criteria:

Directlink to documents with Selection criteria: (URL) <https://vergabe.fraunhofer.de/NetServer/SelectionCriteria/54321-Tender-18ae08e83e0-2ee7b3be8875f78d>

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

Competitive procedure with negotiation

IV.1.3. Information about a framework agreement or a dynamic purchasing system

IV.1.5. Information about negotiation

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: 06/11/2023 Local time: 11:00

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

German, English

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

Tender must be valid until: 01/04/2024

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body

Official name: VERGABEKAMMER
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:
Applications for review are not permitted if more than 15 calendar days have passed since receipt of notification from the contracting authority that it is unwilling to redress an objection (section 160 (3) sentence 1 no. 4 of the German Competition Act (Gesetz gegen Wettbewerbsbeschränkungen, GWB)). Additionally, applications for review are not permitted if an award has been made before the public procurement tribunal has informed the contracting authority about the application for review (sections 168 (2) sentence 1 and 169 (1) GWB). Contracts may be awarded 15 calendar days after the tenderer information pursuant to section 134 (1) GWB has been sent. If the information is sent electronically or by fax, the period shall be reduced to ten calendar days (section 134 (2) GWB). The period shall begin on the day after which the contracting authority sends the information; the date of receipt by the tenderer and candidate in question shall be irrelevant. The admissibility of a review application also requires that the applicant notified the contracting authority about the claimed violations of public procurement provisions within ten calendar days of becoming aware of them (section 160 (3) sentence 1 no. 1 GWB). Violations of public procurement provisions which become apparent from the tender notice must be notified to the contracting authority by the end of the time limit for the application or the submission of a tender specified in the notice (section 160 (3) sentence 1 no. 2 GWB). Violations of public procurement provisions which only become apparent from the procurement documents must be notified to the contracting authority by the end of the time limit for the application or the submission of a tender (section 160 (3) sentence 1 no. 3 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.
Postal address: HansasträÙe 27c
Town: München
Postal code: 80686
Country: Germany
E-mail: einkauf@zv.fraunhofer.de
Internet address: <https://www.fraunhofer.de>

VI.5.

Date of dispatch of this notice

04/10/2023