

**Germany-Hardthausen: Pipelines**  
**OJ S 146/2023 01/08/2023**  
**Contract notice**  
**Supplies**

**Legal Basis:**

Directive 2014/24/EU

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**Section I: Contracting authority**

**I.1. Name and addresses**

Official name: Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR) - Lampoldshausen

Postal address: Langer Grund

Town: Hardthausen

NUTS code: DE118 Heilbronn, Landkreis

Postal code: 74239

Country: Germany

E-mail: [markus.schlipf@dlr.de](mailto:markus.schlipf@dlr.de)

Telephone: +49 6298/280

**Internet address(es):**

Main address: [www.dlr.de](http://www.dlr.de)

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://www.subreport.de/E56813955>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://www.subreport.de/E56813955>

Tenders or requests to participate must be submitted to the abovementioned address

**I.4. Type of the contracting authority**

Other type: Legal person who performs non-commercial tasks in the general interest

**I.5. Main activity**

Other activity: Research and Development

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**Section II: Object**

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

**II.1.1. Title**

Zero Emission: Lot 390 + 392 - H2CT Cryo-Infrastructure and gaseous supply systems

**II.1.2. Main CPV code**

44161000 Pipelines

**II.1.3. Type of contract**

Supplies

**II.1.4. Short description**

The existing H2 Container Test Center has four test positions where at moment only tests with gaseous hydrogen can be performed. One of the test positions shall now be extend to liquid hydrogen and later liquid nitrogen (in the same system) infrastructure.

Therefore, the following systems are needed:

- Extension of the gaseous supply system and a new gaseous Helium supply system with a new panel in the test center
- Build up a cryogenic supply system for liquid hydrogen (also suitable for liquid nitrogen) with a new panel in the test center
- A new panel at the test position to connect the new infrastructures
- Build up a cryogenic exhaust system for liquid hydrogen and process gases (gaseous hydrogen, nitrogen and helium)

As interfaces DLR provides:

- Gaseous Helium storage (gas bundles)
- Cryogenic tank for liquid hydrogen and nitrogen
- Vent stack including catch tank for the exhaust system

#### **II.1.5. Estimated total value**

#### **II.1.6. Information about lots**

This contract is divided into lots: yes

Tenders may be submitted for all lots

### **II.2. Description**

#### **II.2.1. Title**

Zero Emission H2CT Cryogenic Extension – Gaseous System

Lot No: 390

#### **II.2.2. Additional CPV code(s)**

44161000 Pipelines

#### **II.2.3. Place of performance**

NUTS code: DE118 Heilbronn, Landkreis

Main site or place of performance: 74239 Hardthausen

#### **II.2.4. Description of the procurement**

The existing H2 Container Test Center has four test positions where at moment only tests with gaseous hydrogen can be performed. One of the test positions shall now be extend to liquid hydrogen and later liquid nitrogen (in the same system) infrastructure.

Therefore, the following systems are needed:

- Extension of the gaseous supply system and a new gaseous Helium supply system with a new panel in the test center
- Build up a cryogenic supply system for liquid hydrogen (also suitable for liquid nitrogen) with a new panel in the test center
- A new panel at the test position to connect the new infrastructures
- Build up a cryogenic exhaust system for liquid hydrogen and process gases (gaseous hydrogen, nitrogen and helium)

As interfaces DLR provides:

- Gaseous Helium storage (gas bundles)
- Cryogenic tank for liquid hydrogen and nitrogen
- Vent stack including catch tank for the exhaust system

This lot includes the extension of the gaseous supply system including the gaseous panel and the field piping.

#### **II.2.5. Award criteria**

Criteria below

Quality criterion - Name: Quality / Weighting: 30 %

Quality criterion - Name: Service / Weighting: 30 %

Price - Weighting: 40 %

#### **II.2.6. Estimated value**

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

Start: 01/11/2023 End: 31/07/2024

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:

Maintenance contract (3 years)

#### **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**

##### **II.2. Description**

##### **II.2.1. Title**

Zero Emission H2CT Cryogenic Extension – Cryogenic System

Lot No: 392

##### **II.2.2. Additional CPV code(s)**

44161000 Pipelines

##### **II.2.3. Place of performance**

NUTS code: DE118 Heilbronn, Landkreis

Main site or place of performance: 74239 Hardthausen

##### **II.2.4. Description of the procurement**

The existing H2 Container Test Center has four test positions where at moment only tests with gaseous hydrogen can be performed. One of the test positions shall now be extend to liquid hydrogen and later liquid nitrogen (in the same system) infrastructure.

Therefore, the following systems are needed:

- Extension of the gaseous supply system and a new gaseous Helium supply system with a new panel in the test center
- Build up a cryogenic supply system for liquid hydrogen (also suitable for liquid nitrogen) with a new panel in the test center
- A new panel at the test position to connect the new infrastructures
- Build up a cryogenic exhaust system for liquid hydrogen and process gases (gaseous hydrogen, nitrogen and helium)

As interfaces DLR provides:

- Gaseous Helium storage (gas bundles)
- Cryogenic tank for liquid hydrogen and nitrogen
- Vent stack including catch tank for the exhaust system

This lot includes the cryogenic supply system including the cryogenic panels, the field piping and the exhaust field piping.

#### **II.2.5. Award criteria**

Criteria below

Quality criterion - Name: Quality / Weighting: 30 %

Quality criterion - Name: Service / Weighting: 30 %

Price - Weighting: 40 %

#### **II.2.6. Estimated value**

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

Start: 01/11/2023 End: 31/07/2024

This contract is subject to renewal: no

#### **II.2.10. Information about variants**

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#### **II.2.11. Information about options**

Options: yes

Description of options:

Maintenance contract (3 years)

#### **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**

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#### **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:

- A1) Self-declarations on the grounds for exclusion and self-cleansing pursuant to Sections 123, 124 and 125 of the ARC;
- A2) Proof of entry in a professional or commercial register;

##### **III.1.2. Economic and financial standing**

List and brief description of selection criteria:

- A3) Self-declaration on the turnover of the last three financial years;
- A4) Valid proof/self-declaration of the existing professional/business liability insurance;

##### **III.1.3. Technical and professional ability**

List and brief description of selection criteria:

- A5) Submission of at least two references for comparable items in the respective lot not older than 10 years. If you want to submit an application to participate for both lots you need to

- submit at least two references for each of both lots. In case one reference fits to both lots it can be counted for both lots.;
- A6) Personnel and self-declaration on personnel;
  - A7) Written and proved experience in project organization (organizational structure incl. Subcontractor) based on the reference project;
  - A8) Project organization (organization incl. subcontractor);
  - A9) Written and proved experience in design, manufacturing and acceptance tests according to PED or similar;
  - A10) valid ISO 9001 certificate or comparable;
  - A11) Self-declaration on the Working Language;
  - A12) Declaration by a Bidding Consortium;
  - A13) Declaration of commitment of the subcontractors and the company contributing resources in order to ensure suitability;
  - A14) Self-declaration of compliance with the ILO core labour standards;
  - A15) Self-Declaration according to Section 19, para. 3 of the Minimum Wage Act (MiLoG);
  - A16) Declaration "BMWK";
  - A17) Non-Disclosure-Declaration;
  - A18) Application to Participate (filled and signed);

### **III.2. Conditions related to the contract**

#### **III.2.3. Information about staff responsible for the performance of the contract**

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

## **Section IV: Procedure**

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### **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**

The contracting authority reserves the right to award the contract on the basis of the initial tenders without conducting negotiations

#### **IV.1.8. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: no

### **IV.2. Administrative information**

#### **IV.2.2. Time limit for receipt of tenders or requests to participate**

Date: 07/09/2023 Local time: 10:00

#### **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: 31/01/2024

## Section VI: Complementary information

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### VI.1. Information about recurrence

This is a recurrent procurement: no

### VI.2. Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### VI.3. Additional information

### VI.4. Procedures for review

#### VI.4.1. Review body

Official name: Vergabekammer des Bundes

Postal address: Villemombler Straße 76

Town: Bonn

Postal code: 53123

Country: Germany

E-mail: [vk@bundeskartellamt.bund.de](mailto:vk@bundeskartellamt.bund.de)

Telephone: +49 22894990

Fax: +49 2289499163

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

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

27/07/2023