

**Netherlands-Alkmaar: Parts of nuclear reactors**  
**OJ S 15/2023 20/01/2023**  
**Contract notice**  
**Supplies**

**Legal Basis:**

Directive 2014/24/EU

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**Section I: Contracting authority**

**I.1. Name and addresses**

Official name: PALLAS

National registration number: 59456302

Postal address: Comeniusstraat 8

Town: Alkmaar

NUTS code: NL Nederland

Postal code: 1817 MS

Country: Netherlands

Contact person: Esther Dorrepaal

E-mail: [esther.dorrepaal@pallasreactor.com](mailto:esther.dorrepaal@pallasreactor.com)

Telephone: +31 629699066

**Internet address(es):**

Main address: <https://www.pallasreactor.com/>

Address of the buyer profile: <https://s2c.mercell.com/buyer/19753>

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://s2c.mercell.com/today/29533>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://s2c.mercell.com/today/29533>

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

Body governed by public law

**I.5. Main activity**

Health

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**Section II: Object**

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

**II.1.1. Title**

For the Design and Delivery of the First Reactor Protection System for the PALLAS Project in Petten (NL)

Reference number: T29509 / Pallas Ref: 230102

**II.1.2. Main CPV code**

42152000 Parts of nuclear reactors

**II.1.3.**

## **Type of contract**

Supplies

### **II.1.4. Short description**

The scope of work is the delivery of three systems based on digital technology, qualified for use in nuclear safety applications, aimed for monitoring and control of various processes and associated facilities of a research nuclear reactor. The design implements nuclear safety, various degrees of redundancy, cyber security, availability, maintainability requirements, founded on international nuclear codes and standards.

Each system consists of a control and monitoring integrated system, including consoles for Human Machine Interface (HMI), control processors, remote field units and networks, implementing automatic control logics and algorithms.

The established architecture features a functional hierarchy division between three levels of processing: supervision, control, and field, with networks for data transmission.

The systems are based on Commercial of the Shelf (COTS) products.

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

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

This contract is divided into lots: no

## **II.2. Description**

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

72212000 Programming services of application software, 35113100 Site-safety equipment, 35113110 Nuclear-reactor protection system

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

NUTS code: NL Nederland

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

Design , delivery and potentially maintenance of control and monitoring systems.

### **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: 01/01/2024 End: 01/01/2027

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 IV: Procedure

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### 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: no

### IV.2. Administrative information

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

Date: 13/02/2023 Local time: 23:59

#### 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

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

Duration in months: 12 (from the date stated for receipt of tender)

#### IV.2.7. Conditions for opening of tenders

Date: 27/02/2023 Local time: 12:00

## Section VI: Complementary information

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### 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: PALLAS

Town: Alkmaar

Country: Netherlands

#### VI.4.3. Review procedure

Precise information on deadline(s) for review procedures:

See PQQ document

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

16/01/2023