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Planning

## **Collaboration Agreement for Palladium Membranes and Palladium Membrane Reactors (PM/PMRs)**

UK Atomic Energy Authority

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-019955

Procurement identifier (OCID): ocds-h6vhtk-050f6d

Published 9 May 2025, 10:10am

### **Scope**

### **Reference**

T/NA0458/25

### **Description**

Any collaborations would need to incorporate various expertise such as: • Pressure vessel design and fabrication • Shell and tube heat exchanger design and fabrication • Palladium-silver (Pd-Ag) or similar alloy tube design and production • Dissimilar metal joining

### **Total value (estimated)**

- £0 excluding VAT
- £0 including VAT

Above the relevant threshold

### **Contract dates (estimated)**

- 4 August 2025 to 28 July 2026
- 11 months, 25 days

### **Main procurement category**

Services

### **Additional procurement category**

Goods

### **CPV classifications**

- 71323000 - Engineering-design services for industrial process and production
- 38126300 - Temperature or humidity surface observing apparatus
- 38420000 - Instruments for measuring flow, level and pressure of liquids and gases
- 38800000 - Industrial process control equipment and remote-control equipment
- 42510000 - Heat-exchange units, air-conditioning and refrigerating equipment,

and filtering machinery

- 42511000 - Heat-exchange units and machinery for liquefying air or other gases
- 42511100 - Heat-exchange units
- 42910000 - Distilling, filtering or rectifying apparatus
- 42993000 - Chemical industry machinery
- 51000000 - Installation services (except software)
- 51100000 - Installation services of electrical and mechanical equipment
- 51110000 - Installation services of electrical equipment
- 5112000 - Installation services of electricity distribution and control equipment
- 5112100 - Installation services of electricity distribution equipment
- 5112200 - Installation services of electricity control equipment
- 51120000 - Installation services of mechanical equipment
- 51430000 - Installation services of laboratory equipment
- 51500000 - Installation services of machinery and equipment
- 51510000 - Installation services of general-purpose machinery and equipment
- 51800000 - Installation services of metal containers
- 51810000 - Installation services of tanks
- 71330000 - Miscellaneous engineering services
- 71333000 - Mechanical engineering services
- 71334000 - Mechanical and electrical engineering services

- 71335000 - Engineering studies
- 71336000 - Engineering support services
- 71340000 - Integrated engineering services
- 71350000 - Engineering-related scientific and technical services
- 73100000 - Research and experimental development services
- 73120000 - Experimental development services
- 73300000 - Design and execution of research and development
- 73430000 - Test and evaluation

## **Contract locations**

- UK - United Kingdom

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## **Engagement**

### **Engagement deadline**

5 June 2025

### **Engagement process description**

[https://uk.eu-supply.com/app/rfq/rwlentrance\\_s.asp?PID=93766&B=](https://uk.eu-supply.com/app/rfq/rwlentrance_s.asp?PID=93766&B=)

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## Participation

### Particular suitability

Small and medium-sized enterprises (SME)

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## Submission

### Publication date of tender notice (estimated)

29 July 2025

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## Contracting authority

### UK Atomic Energy Authority

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Campus

Oxfordshire

OX14 3DB

United Kingdom

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Email: [Maili.nugent@ukaea.uk](mailto:Maili.nugent@ukaea.uk)

Website: <https://www.gov.uk/government/organisations/uk-atomic-energy-authority>

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - sub-central government