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Award

## **Lead Lithium Eutectic Alloy Mini Experimental Loop**

UK Atomic Energy Authority

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-010424

Procurement identifier (OCID): ocds-h6vhtk-0648c9

Published 5 February 2026, 12:10pm

### **Scope**

#### **Description**

Electromagnetic Pump PMP400-270 PbLi - 550°C T.max.

Flowmeter & Throttle Valve 600°C T.max - including dummy spool piece for use during build of loop and acceptance tests, prior to delivery of flowmeter (predicted early March 2026). Customised calibration included.

By-pass loop including 2nd Flowmeter.

We shall design using recommended maximum system failure rates per Lee Cadwallader, Idaho National Laboratory - Reliability and Maintainability Data for Lead Lithium Cooling Systems.

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## **Contract 1. Lead Lithium Eutectic Alloy Mini Experimental Loop**

### **Supplier**

- TSM Engineering

### **Contract value**

- £291,160 excluding VAT
- £349,392 including VAT

Above the relevant threshold

### **Earliest date the contract will be signed**

5 February 2026

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

- 5 February 2026 to 31 March 2026
- 1 month, 24 days

### **Main procurement category**

Services

## **CPV classifications**

- 42152000 - Parts of nuclear reactors
- 73210000 - Research consultancy services

## **Contract locations**

- UK - United Kingdom

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## **Other information**

### **Conflicts assessment prepared/revised**

Yes

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## **Procedure**

### **Procedure type**

Direct award

### **Direct award justification**

- Single supplier - technical reasons
- Extreme and unavoidable urgency

the manufacture and testing of prototypes

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## Supplier

### TSM Engineering

- Public Procurement Organisation Number: 08011752
- Companies House: 08011752

163 Brook Drive

Abingdon

OX14 4SD

United Kingdom

Email: [JulianVance@lti-vessco.com](mailto:JulianVance@lti-vessco.com)

Region: UKJ14 - Oxfordshire

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Contract 1. Lead Lithium Eutectic Alloy Mini Experimental Loop

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## Contracting authority

**UK Atomic Energy Authority**

- Public Procurement Organisation Number: PLJV-1169-JTDD

Culham Science Centre, UK Atomic Energy Authority

Oxfordshire

OX14 3DB

United Kingdom

Email: [Yana.shubicheva@ukaea.uk](mailto:Yana.shubicheva@ukaea.uk)

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government