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Planning

## 3" Cryogenic Valve

Health and Safety Executive

UK3: Planned procurement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-000196

Procurement identifier (OCID): ocds-h6vhtk-05ff18

Published 5 January 2026, 10:52am

## Scope

### Description

HSE require a 3" cryogenic valve for an experimental programme. The valve must be suitable for liquid hydrogen service (down to 20 K) and have pneumatic actuation (open/closed). The valve should have a position indicator rated for ATEX Zone 1.

The valve should have flanged connections (ANSI class 300). The valve should have a maximum allowable working pressure of 40 barg.

Nominal process conditions:

Hydrogen, 50 - 70 K, 0 - 1.5 kg/s, 0 -12 barg

The equipment is required for use at the HSE Buxton (SK17 9JN) test site.

HSE is seeking to understand the design of potential solutions and the associated costs of manufacturing this equipment.

Suppliers should email [tenders@hse.gov.uk](mailto:tenders@hse.gov.uk) with any questions and costs associated with supplying the above.

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

- £18,000 excluding VAT
- £21,600 including VAT

Below the relevant threshold

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

- 2 March 2026 to 30 September 2026
- 6 months, 29 days

### **Main procurement category**

Goods

### **CPV classifications**

- 38810000 - Industrial process control equipment
- 44162000 - Piping

### **Contract locations**

- UK - United Kingdom

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## **Submission**

## **Publication date of tender notice (estimated)**

12 January 2026

## **Tender submission deadline**

2 February 2026, 11:59pm

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## **Procedure**

### **Procedure type**

Below threshold - open competition

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## **Contracting authority**

### **Health and Safety Executive**

- Public Procurement Organisation Number: PBXM-4389-TXVZ

Redgrave Court, Merton Road, Bootle, Merseyside

Liverpool

L20 7HS

United Kingdom

Email: [tenders@hse.gov.uk](mailto:tenders@hse.gov.uk)

Region: UKD73 - Sefton

Organisation type: Public authority - central government