

Scope

Reference

T4878

Description

HSE require a 25 mm control valve for an experimental programme.

The valve must be suitable for liquid hydrogen service (down to 20 K) and have continuous analogue control between 0 - 100% open.

The valve should be controlled electrically and be rated for ATEX Zone 1. Ex ia/ib electronics are not preferred- Ex d, e, m etc. are the preferred protection concepts.

The valve should be vacuum insulated and use bayonet connections (male inlet, female outlet AS Scientific bayonets).

Process conditions: Liquid hydrogen, 20-50K, 0-12 barg.

The valve should have a maximum allowable working pressure of at least 22 barg.

The equipment is required for use at the HSE Buxton (SK17 9JN) test site. The equipment is required to be delivered before September 2026.

Total value (estimated)

£23,000 excluding VAT

£27,600 including VAT

Below the relevant threshold

Contract dates (estimated)

1 September 2026 to 1 September 2026

1 day

Main procurement category

Goods

CPV classifications

- 38810000 - Industrial process control equipment
- 44160000 - Pipeline, piping, pipes, casing, tubing and related items

Contract locations

- UK - United Kingdom

Submission

Enquiry deadline

27 February 2026, 1:00pm

Tender submission deadline

6 March 2026, 1:00pm

Submission address and any special instructions

All tender documents are available via the HSE In-Tend supplier e-procurement portal. All responses and requests for clarification must be submitted via the portal. Registration is free of charge and can be completed via the following link:

<https://in-tendhost.co.uk/hse>

Tenders may be submitted electronically

Yes

Award criteria

The successful supplier(s) will be selected based on

- ability to deliver the supply required
- fully meeting the specifications

- meeting the specified delivery timeline

- price.

Procedure

Procedure type

Below threshold - open competition