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Planning

Gaseous Hydrogen Pressure Reduction Station for Experimental Programme

Health and Safety Executive

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

Notice identifier: 2025/S 000-085312

Procurement identifier (OCID): ocds-h6vhtk-05fb5b

Published 22 December 2025, 11:23am

Scope

Description

HSE require a gaseous hydrogen pressure reduction station for use during a research test programme. The PRS will be connected to a bulk hydrogen supply up to 500 barg. The PRS should be able to produce a flow a gaseous hydrogen at a set flow rate (20 - 300 g/s).

The PRS will be connected to a vent stack, pressure relief and isolation systems, which will be installed by HSE before the system is used for experiments. The PRS should be instrumented with pressure and temperature upstream and downstream of the regulation, and a mass flow meter.

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 with any questions and costs associated with supplying the above.

Contract dates (estimated)

- 1 March 2026 to 31 July 2027
- 1 year, 5 months

Main procurement category

Goods

CPV classifications

- 38810000 - Industrial process control equipment

Contract locations

- UK - United Kingdom

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

5 January 2026

Tender submission deadline

2 February 2026, 11:59pm

Procedure

Procedure type

Below threshold - open competition

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

Region: UKD73 - Sefton

Organisation type: Public authority - central government