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Tender

## Hydrogen Generation Equipment

Health and Safety Executive

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-043807

Procurement identifier (OCID): ocds-h6vhtk-0567f1

Published 29 July 2025, 12:11pm

### Scope

### Reference

HSE/T4805

### Description

Statement of Service Requirement

2 x new hydrogen generators, with the following specifications:

- Must be capable of supplying hydrogen on demand for use with analytical laboratory gas chromatography and mass spectrometry (GC-MS) equipment.
- Must have a hydrogen output flow of ? 500 ml/min; please specify maximum output in ml/min.
- Must generate a hydrogen gas purity of ? 99.9999%; please specify achievable purity.
- Must have a gas outlet gas pressure of ? 80 psi; please specify outlet pressure range in psi.

- Must be equipped with internal leak detection sensor and an automatic shutdown facility in the event that a hydrogen leak is detected.
- Must be equipped with 1/8th inch outlet fittings
- Must have a standard comprehensive warranty of ?12 months for system and ? 24 months for the membrane cell
- Must provide an on-call instrument support with a guaranteed on-site response within 48 hours of call out.
- Please indicate the procedure required for delivery, installation and commissioning.
- Please specify electrical power supply and water quality requirements.
- Please provide details of any ongoing consumables required for operation.

**Total value (estimated)**

- £20,833 excluding VAT
- £25,000 including VAT

Below the relevant threshold

**Contract dates (estimated)**

- 15 September 2025 to 15 September 2025
- 1 day

**Main procurement category**

Goods

## **CPV classifications**

- 24111600 - Hydrogen
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## **Participation**

### **Particular suitability**

Small and medium-sized enterprises (SME)

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## **Submission**

### **Enquiry deadline**

15 August 2025, 1:00pm

### **Tender submission deadline**

22 August 2025, 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

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## **Award criteria**

The successful supplier will be selected based on ability to meet the specification and best price.

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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