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Tender

## **4463/CYMRU/RH/25 - Vibratory Drilling Spindle**

UNIVERSITY OF SHEFFIELD

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

Notice identifier: 2025/S 000-009399

Procurement identifier (OCID): ocids-h6vhtk-04ed36

Published 14 March 2025, 11:51am

### **Scope**

### **Reference**

4463/CYMRU/RH/25

### **Description**

4463/CYMRU/RH/25 - Vibratory Drilling Spindle

AMRC Cymru located in Broughton, Flintshire are in the process of creating an aerospace drilling and fastening centre to undertake projects and development activities centred around drilling and fastening capabilities. The next stage in this project requires the purchase of a Vibratory Drilling Spindle to be installed onto our pre-existing rotating turnover drilling jig

For compatibility, the new drilling spindle must utilise a Beckhoff control system to run the equipment and subsequently be used to operate the Spindle.

The Spindle must be no longer than 700mm in length and 150mm in diameter, the space has

already been allocated for the spindle and cannot be amended.

The spindle must have vibratory assistance, allowing for varying vibratory effects when drilling the various different materials, helping with chip formation and cutter life extension.

In addition, the spindle must also have SuperCritical CO2 capability installed. Allowing further enhancements with cutter trials and developments in enhanced drilling capabilities for aerospace manufacturing and assembly processes

Tender Process and Documentation:

This procurement is an open procedure conducted in accordance with the Procurement Act 2023.

The ITT can be downloaded by registering and expressing your interest on the University's e-tendering system <https://in-tendhost.co.uk/Sheffield>

If you have any questions or comments in relation to this tender they must be submitted via the In-tend System, this can be accessed at <https://in-tendhost.co.uk/Sheffield>

Completed tenders must be returned through the same e-tendering system.

Closing date for receipt of tenders: 14th of April 2025 at 12 noon (UK time).

## **Total value (estimated)**

- £125,000 excluding VAT
- £150,000 including VAT

Below the relevant threshold

## **Contract dates (estimated)**

- 5 May 2025 to 31 March 2026
- 10 months, 27 days

## **Main procurement category**

Goods

## **CPV classifications**

- 42000000 - Industrial machinery
- 43130000 - Drilling equipment

## **Contract locations**

- UKE - Yorkshire and the Humber

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## **Participation**

### **Particular suitability**

Small and medium-sized enterprises (SME)

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## **Submission**

## **Enquiry deadline**

14 April 2025, 12:00pm

## **Tender submission deadline**

14 April 2025, 12:00pm

## **Submission address and any special instructions**

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## **Tenders may be submitted electronically**

Yes

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## **Award criteria**

COMMERCIAL - COMPETITIVE PRICE 20%

G1: ESSENTIAL REQUIREMENTS 45%

HS: HEALTH & SAFETY AND EQUIPMENT REGULATIONS Pass/Fail

D1: DELIVERY 10%

W1: WARRANTY 10%

T1: TRAINING 5%

SV: SOCIAL VALUE 10%

TOTAL 100%

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## **Procedure**

### **Procedure type**

Below threshold - open competition

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## **Contracting authority**

### **UNIVERSITY OF SHEFFIELD**

- Companies House: RC000667
- Public Procurement Organisation Number: PXDP-7327-GWHT

Firth Court, Western Bank

Sheffield

S10 2TN

United Kingdom

Email: [procurement@sheffield.ac.uk](mailto:procurement@sheffield.ac.uk)

Region: UKE32 - Sheffield

Organisation type: Public authority - sub-central government