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Planning

## **Ultra-Precision 5 Axis Turn-Mill Machining Centre**

AWE PLC

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-017170

Procurement identifier (OCID): ocds-h6vhtk-03d6fd

Published 16 June 2023, 11:53am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

AWE PLC

Aldermaston

READING

RG74PR

#### **Email**

[AWEProcurement@awe.co.uk](mailto:AWEProcurement@awe.co.uk)

#### **Country**

United Kingdom

#### **Region code**

UKJ11 - Berkshire

#### **Justification for not providing organisation identifier**

Not on any register

**Internet address(es)**

Main address

[www.awe.co.uk](http://www.awe.co.uk)

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Defence

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

Ultra-Precision 5 Axis Turn-Mill Machining Centre

Reference number

1654

**II.1.2) Main CPV code**

- 42600000 - Machine tools

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description**

\*\* This notice is for market engagement only and is not a call for competition \*\*

AWE is looking to engage with the market to understand supplier's capability to support the procurement of an ultra-precision 5 axis turn-mill machining centre.

The procurement must meet the following key specifications:

- Accuracy, as described in 2.2, of the diamond turning capability.
- Space constraints - The available space is approximately 1300x1300x2400mm (wxdxh).

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 42637000 - Machine tools for drilling, boring or milling metal

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

Main site or place of performance

AWE Aldermaston

#### **II.2.4) Description of the procurement**

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The Atomic Weapons Establishment (AWE) is an arms-length body of the Ministry of Defence employing around 6,000 people headquartered in Aldermaston, Berkshire.

For more than 70 years, AWE has supported the UK Government's nuclear defence strategy and the Continuous At Sea Deterrent. We also use our nuclear know-how and technical expertise to provide innovative solutions that support the UK's counter-terrorism and nuclear threat reduction activities.

We work at the extremes of science and engineering to understand the performance of nuclear warheads, and assess the safety, security and effectiveness of the stockpile in the absence of live testing.

Remarkable science, technology, engineering, and maths integrate across the lifecycle of

the warhead: from initial concept and design to final decommissioning and disposal. Experts in their fields work together in unique and advanced experimental facilities, to perform cutting edge experiments.

AWE is looking to engage with the market to understand supplier's capability to support the procurement of an ultra-precision 5 axis turn-mill machining centre.

The size of the machine is also vital to the procurement. The available space is approximately 1300x1300x2400mm (wxdxh), therefore the machine suitably sized to fit.

The following items describe the machine specifications that this procurement must meet:

- Dimensions of no more than approximately 1300x1300x2400mm (wxdxh)
- The CNC 5 axis machining centre must be capable of milling on 3, 4 and 5 axes.
- Spindle run-out shall not exceed 1?m.
- Turning Roughness of

### **II.3) Estimated date of publication of contract notice**

31 July 2023

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: No