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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

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

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

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

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

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

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