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Tender

## **REF: AEMRI-252-ACIS - NDE phased array ultrasonic array controller and inspection software – automated inspection**

TWI Ltd

F02: Contract notice

Notice identifier: 2022/S 000-036092

Procurement identifier (OCID): ocds-h6vhtk-039305

Published 20 December 2022, 4:23pm

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

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

TWI Ltd

Granta Park, Great Abington

Cambridge

CB21 6AL

#### **Email**

[purchasing@twi.co.uk](mailto:purchasing@twi.co.uk)

#### **Country**

United Kingdom

#### **NUTS code**

UKL17 - Bridgend and Neath Port Talbot

#### **Internet address(es)**

Main address

<https://in-tendhost.co.uk/twi>

Buyer's address

<https://in-tendhost.co.uk/twi>

### **I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://in-tendhost.co.uk/twi>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted to the above-mentioned address

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

Other type

Research and Development Organisation

### **I.5) Main activity**

Other activity

Research and Development

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## **Section II: Object**

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

#### **II.1.1) Title**

REF: AEMRI-252-ACIS - NDE phased array ultrasonic array controller and inspection software – automated inspection

Reference number

AEMRI-252-ACIS

#### **II.1.2) Main CPV code**

- 33112300 - Ultrasound scanners

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

This array controller and supporting software inspection system is to enable development of fully automated ultrasonic inspections of components within the UK civil nuclear sector and will enable setup, data acquisition and analysis. Please be advised equipment must be delivered, installed (where applicable) and accepted before the end of June 2023. Please ensure all communication, including queries, is sent via the correspondence facility within In-Tend.

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

This contract is divided into lots: No

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

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

- 33112300 - Ultrasound scanners
- 38900000 - Miscellaneous evaluation or testing instruments

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

NUTS codes

- UKL17 - Bridgend and Neath Port Talbot

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

TWI is one of the world's foremost independent research and technology organisations, with expertise in solving problems in all aspects of manufacturing, fabrication and whole-life integrity management technologies. Established in Cambridge, UK in 1946 and with facilities across the globe, the company has a first class reputation for service through its teams of internationally respected consultants, scientists, engineers and support staff, whose knowledge and expertise is available to its Industrial Members as and when they require. This specification has been produced as part of an initiative known as AEMRI (Advanced Engineering Materials Research Institute), which is funded by the Welsh European Funding Office (WEFO) using European Regional Development Funds (ERDF). AEMRI seeks to create a unique facility housing a critical mass of equipment, expertise and resources. AEMRI provides an environment to test and prove the limits of performance of advanced materials. Through the use of advanced modelling and simulation methods, full, large-scale mechanical test structures will be designed and built upon finite element analysis (FEA) calculations. Advanced, automated non-destructive evaluation (NDE) techniques will be developed with the aim of saving the industry time and production costs as well as minimising the risk of catastrophic structural failures. AEMRI will deliver the objectives of the project through the following four technical strands:-- Modelling and Simulation of High Performance Materials and Structures. - Advanced Robotic Inspection of Complex Geometry Structures.- Inspection Systems for Very Large Structures for the Green Energy Sector.- Nuclear Fabrication Research Centre. This array controller and supporting software inspection system is to enable development of fully automated ultrasonic inspections of components within the UK civil nuclear sector and will enable setup, data acquisition and analysis. Please be advised equipment must be delivered, installed (where applicable) and accepted before the end of June 2023. Please ensure all communication, including queries, is sent via the correspondence facility within In-Tend.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Start date

28 February 2023

End date

30 June 2023

This contract is subject to renewal

No

**II.2.10) Information about variants**

Variants will be accepted: No

**II.2.11) Information about options**

Options: No

**II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: Yes

Identification of the project

This is an initiative known as AEMRI (Advanced Engineering Materials Research Institute), which is funded by the Welsh European Funding Office (WEFO) using European Regional Development Funds (ERDF).

## **Section IV. Procedure**

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

#### **IV.1.1) Type of procedure**

Open procedure

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

The procurement is covered by the Government Procurement Agreement: No

### **IV.2) Administrative information**

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

10 February 2023

Local time

12:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

10 February 2023

Local time

12:01pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

TWI Ltd

Granta Park, Great Abington

Cambridge

CB21 6AL

Email

[purchasing@twi.co.uk](mailto:purchasing@twi.co.uk)

Country

United Kingdom