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Contract

REF: AEMRI-226-TSS Tensile / Slow Strain Rate Test Machine in Hydrogen Gas

TWI Ltd

F03: Contract award notice

Notice identifier: 2022/S 000-025854

Procurement identifier (OCID): ocds-h6vhtk-032fb8

Published 14 September 2022, 5:39pm

Section I: Contracting authority

I.1) Name and addresses

TWI Ltd

Granta Park, Great Abington

Cambridge

CB21 6AL

Email

purchasing@twi.co.uk

Country

United Kingdom

NUTS code

UKL17 - Bridgend and Neath Port Talbot

Internet address(es)

Main address

<https://www.twi-global.com>

Buyer's address

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

I.4) Type of the contracting authority

Other type

Research and Development Organisation

I.5) Main activity

Other activity

Research and Development

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

REF: AEMRI-226-TSS Tensile / Slow Strain Rate Test Machine in Hydrogen Gas

Reference number

AEMRI-226-TSS

II.1.2) Main CPV code

- 38540000 - Machines and apparatus for testing and measuring

II.1.3) Type of contract

Supplies

II.1.4) Short description

TWI would like to procure one servo-electric mechanical test frame to be supplied with a pressure vessel integrated into the load train to allow for tensile and slow strain rate testing in a hydrogen gas environment.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 38540000 - Machines and apparatus for testing and measuring
- 38423000 - Pressure-measuring equipment
- 44615000 - Pressure vessels

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.

TWI would like to procure one servo-electric mechanical test frame to be supplied with a pressure vessel integrated into the load train to allow for tensile and slow strain rate testing in a hydrogen gas environment.

II.2.5) Award criteria

Price

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.2.1) Previous publication concerning this procedure

Notice number: [2022/S 000-010522](#)

Section V. Award of contract

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

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Cambridge

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Country

United Kingdom