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Tender

## **REF: MIC-40-DTGA - Differential Scanning Calorimetry machine (DSC) and a Thermogravimetric Analyzer (TGA)**

TWI Ltd

F02: Contract notice

Notice identifier: 2022/S 000-033531

Procurement identifier (OCID): ocids-h6vhtk-03887d

Published 25 November 2022, 3:07pm

### **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**

UKC12 - South Teesside

#### **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: MIC-40-DTGA - Differential Scanning Calorimetry machine (DSC) and a Thermogravimetric Analyzer (TGA)

Reference number

MIC-40-DTGA

**II.1.2) Main CPV code**

- 38432000 - Analysis apparatus

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description**

TWI is developing a new Materials Integrity Centre on TeesAMP at Ferrous Road, Middlesbrough, TS2 1DJ with the new centre being supported by ERDF and TVCA funding. The project will upgrade the current research facilities on the site as well as providing a new research and innovation facility. The centre will focus on new materials testing facilities, especially non-destructive testing technologies, and support local economic development. The project will also provide specialist materials and engineering support to local SME's in the Tees Valley.

**II.1.6) Information about lots**

This contract is divided into lots: No

**II.2) Description****II.2.2) Additional CPV code(s)**

- 38432000 - Analysis apparatus
- 42990000 - Miscellaneous special-purpose machinery
- 38540000 - Machines and apparatus for testing and measuring

**II.2.3) Place of performance**

NUTS codes

- UKC12 - South Teesside

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

TWI is looking to invest in a Differential Scanning Calorimetry machine as part of a suite of material analysis machines to be situated in Middlesbrough. DSC analysis is used for many applications in a broad range of industries like polymers as well as for fundamental research in academia. Examples include glass transition determination and the investigation of chemical reactions, melting and crystallization behaviour. Other DSC applications deal with the influence of additives, fillers or the processing of materials. The characteristic shape of the individual DSC curves is also used for quality control

applications. TWI is also looking to invest in a Thermogravimetric Analyzer (TGA) machine as part of a suite of material analysis machines to be situated in Middlesbrough. TGA analysis is used for many applications in a broad range of industries like polymers, composites and adhesives as well as for fundamental research in academia. Examples include mass change at controlled temperatures or temperature rates, investigation of chemical reactions, melting and crystallization behaviour. Please ensure all communication is only made using the In-tend correspondence facility.

#### **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

23 January 2023

End date

30 September 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

TWI is developing a new Materials Integrity Centre on TeesAMP at Ferrous Road, Middlesbrough, TS2 1DJ with the new centre being supported by ERDF and TVCA funding.

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## **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

5 January 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

5 January 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

Internet address

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