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Tender

## **Ceramic 3D Printer**

COMPOUND SEMICONDUCTOR APPLICATIONS CATAPULT LIMITED

F02: Contract notice

Notice identifier: 2021/S 000-008057

Procurement identifier (OCID): ocds-h6vhtk-02a6ea

Published 16 April 2021, 12:40pm

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

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

COMPOUND SEMICONDUCTOR APPLICATIONS CATAPULT LIMITED

CSA Catapult Innovation Centre, Celtic Way, Imperial Park

Newport

NP10 8BE

#### **Contact**

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#### **Email**

[procurement@csa.catapult.org.uk](mailto:procurement@csa.catapult.org.uk)

#### **Country**

United Kingdom

#### **NUTS code**

UKL - Wales

**Internet address(es)**

Main address

<https://csa.catapult.org.uk>

**I.3) Communication**

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

<https://csa.catapult.org.uk>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://csa.catapult.org.uk>

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

Other type

Company partially funded by another Contracting Authority

**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**

Ceramic 3D Printer

Reference number

ICT-2021-045

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

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

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

Supplies

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

Scope

The Compound Semiconductor Applications Catapult is looking to create a modular, flexible, accelerated prototype package assembly and test facility to support developments around vehicle electrification incorporating compound semiconductor devices, modules and systems. This would allow experimentation, feasibility, proof of concept and small prototype volume build.

As part of the package assembly research and development methodology, we require a ceramic 3D printer and post processing ovens to fabricate ceramic materials, capable of producing items suited to high temperature use.

The printer shall allow CSA Catapult to create ceramic prototypes of arbitrary size and shape, ranging from 1 - 100 mm in length, particularly 40 x 70 x 100 as a minimum acceptable build volume. We are also interested in multi material capability allowing a minimum of two materials to be printed and form a solid (green / uncured) model. The parts created will be used functionally, so repeatability, dimensional consistency and process reliability are paramount.

The estimated value of the contract is £500,000 to £650,000 including all options and extensions.

The system will be installed at the CSA Catapult Innovation Centre in 2021.

### **II.1.5) Estimated total value**

Value excluding VAT: £650,000

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

This contract is divided into lots: No

## **II.2) Description**

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

NUTS codes

- UKL - Wales

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

To express interest in this opportunity and receive the procurement documents, please email [procurement@csa.catapult.org.uk](mailto:procurement@csa.catapult.org.uk) with the reference ICT-2020-045 in the subject field.

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

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

### **II.2.6) Estimated value**

Value excluding VAT: £650,000

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

Duration in months

48

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.2.14) Additional information**

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

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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: Yes

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

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

Date

17 May 2021

Local time

10:00am

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

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 6 (from the date stated for receipt of tender)

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

Date

17 May 2021

Local time

10:30am

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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**

CSA Catapult

Newport

Country

United Kingdom