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Planning

## **Development of two Digital Twins**

Satellite Applications Catapult

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-031736

Procurement identifier (OCID): ocds-h6vhtk-03808a

Published 9 November 2022, 3:35pm

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

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

Satellite Applications Catapult

Electron Building, Fermi Avenue, Harwell

Didcot

OX11 0QR

#### **Email**

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

#### **Country**

United Kingdom

#### **NUTS code**

UK - United Kingdom

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

Main address

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

Buyer's address

[https://www.mytenders.co.uk/search/Search\\_AuthProfile.aspx?ID=AA42845](https://www.mytenders.co.uk/search/Search_AuthProfile.aspx?ID=AA42845)

## **I.2) Information about joint procurement**

The contract is awarded by a central purchasing body

## **I.3) Communication**

Additional information can be obtained from the above-mentioned address

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

Other type

RTO

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

Other activity

Space Sector

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## **Section II: Object**

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

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

Development of two Digital Twins

Reference number

RFP-FY-23-22

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

- 72200000 - Software programming and consultancy services

**II.1.3) Type of contract**

Services

**II.1.4) Short description**

The Satellite Applications Catapult is seeking a suitable provider(s) to develop a prototype digital twin of a proposed Innovation Maritime Innovation Centre (IMIC) to help investors visualise the development, inform the Business Case and ultimately secure investor funding to deliver the IMIC.

The prototype digital twin will provide a baseline concept for design evolution, aligned to RIBA stage development. Further development and extension of the digital twin is expected throughout the project, through to operations and facilities management. It is also expected that the digital twin would be replicated for further site developments although this is not currently confirmed.

The estimated value is up to 500,000 GDP, to include all associated costs in delivering the product and service.

**II.1.5) Estimated total value**

Value excluding VAT: £500,000

**II.1.6) Information about lots**

This contract is divided into lots: No

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

- 48000000 - Software package and information systems
- 48316000 - Presentation software package
- 48320000 - Drawing and imaging software package
- 48321000 - Computer-aided design (CAD) software package
- 48323000 - Computer-aided manufacturing (CAM) software package
- 72000000 - IT services: consulting, software development, Internet and support
- 72200000 - Software programming and consultancy services

- 72212320 - Drawing and imaging software development services
- 72212321 - Computer-aided design (CAD) software development services
- 72212323 - Computer-aided manufacturing (CAM) software development services
- 73300000 - Design and execution of research and development
- 73220000 - Development consultancy services

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

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Harwell

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

The procurement will be undertaken via an open procedure as per the Public Contracts Regulations 2015. It is anticipated that a single contract will be awarded to one supplier to cover the full scope of services required.

Once you have registered your interest in the procurement if you could kindly email [procurement@sa.catapult.org.uk](mailto:procurement@sa.catapult.org.uk) using the subject line "RFP-FY-23-22 Digital Twin PIN" stating whether your organisation would be able to deliver both construction and operational digital twins or whether you are only in a position to provide one or the other. If there are any other questions or useful considerations for us at this stage those would be appreciated as well.

### **II.2.14) Additional information**

To participate, interested parties must be registered on the MyTenders portal with up-to-date contact details to include company name and email. If you have any issues please contact [procurement@sa.catapult.org.uk](mailto:procurement@sa.catapult.org.uk)

## **II.3) Estimated date of publication of contract notice**

22 November 2022

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## **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: Yes

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## **Section VI. Complementary information**

### **VI.3) Additional information**

NOTE: To register your interest in this notice and obtain any additional information please visit the myTenders Web Site at

[https://www.mytenders.co.uk/Search/Search\\_Switch.aspx?ID=227914](https://www.mytenders.co.uk/Search/Search_Switch.aspx?ID=227914).

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