

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/029354-2022>

Planning

Ubiquitous Connectivity Framework

Satellite Applications Catapult

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-029354

Procurement identifier (OCID): ocds-h6vhtk-0376c6

Published 18 October 2022, 4:51pm

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

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

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

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Ubiquitous Connectivity Framework

Reference number

SAC-DF-001

II.1.2) Main CPV code

- 73000000 - Research and development services and related consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

The Satellite Applications Catapult is seeking to establish a Research and Technology Organisation (RTO) Dynamic Framework (DF) to support the delivery objectives of our Ubiquitous Connectivity (UC) team.

The main objective of the UC team is to deliver on collaborative projects in partnership with consortium members for different types of customers ranging from end-users, industry, government/councils, LEPs etc. The framework is needed for the following reasons. Firstly, we recognise that there are some areas of expertise which may not exist with the team, therefore this framework will hopefully fill these gaps. Secondly, in periods of peak project load, the framework will allow the offloading of work while the team takes a more supervisory role. Thirdly, it is hoped that the framework will support more efficient processes that will allow access to off-the-shelf as well as cutting edge technologies, solutions and products which will support us not only in the timely delivery through efficient purchases but also be in the forefront of innovation.

II.1.6) Information about lots

This contract is divided into lots: Yes

II.2) Description

II.2.1) Title

Radio Access Network

Lot No

1

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the

purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Core Network

Lot No

2

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas

- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Virtualisation Technology

Lot No

3

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services

- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

IoT

Lot No

4

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 71336000 - Engineering support services
- 32530000 - Satellite-related communications equipment

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Harwell

II.2.4) Description of the procurement

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Satcom Terminal

Lot No

5

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment

- 32500000 - Telecommunications equipment and supplies
- 32530000 - Satellite-related communications equipment
- 32324310 - Satellite antennas
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Systems Engineering

Lot No

6

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services

- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than

COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Embedded Software Development

Lot No

7

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

RF

Lot No

8

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services

- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

FPGA

Lot No

9

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

PNT

Lot No

10

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32324310 - Satellite antennas
- 32500000 - Telecommunications equipment and supplies
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Satellite Telecommunications Payload

Lot No

11

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services

- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Data Architecture

Lot No

12

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 64000000 - Postal and telecommunications services
- 32500000 - Telecommunications equipment and supplies
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At

this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Data Analysis

Lot No

13

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71350000 - Engineering-related scientific and technical services
- 71320000 - Engineering design services
- 71356000 - Technical services
- 73200000 - Research and development consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 73210000 - Research consultancy services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.2) Description

II.2.1) Title

Solution Architecture

Lot No

14

II.2.2) Additional CPV code(s)

- 71316000 - Telecommunication consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71350000 - Engineering-related scientific and technical services
- 71356000 - Technical services

- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 64000000 - Postal and telecommunications services
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32500000 - Telecommunications equipment and supplies
- 32324310 - Satellite antennas
- 32530000 - Satellite-related communications equipment
- 71336000 - Engineering support 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

As an RTO, the Satellite Applications Catapult is planning to let an RTO DF for the purpose of supporting our Ubiquitous Connectivity team. The initial term of the DF is intended to be 2 years with options to extend built in. The DF is intended to be structured into fourteen lots as outlined in this PIN. The intention is that every 6 months the DF will be reopened for new submissions, allowing for new entrants to the marketplace to join. At this time existing DF suppliers will have the opportunity to refresh their rate cards but will otherwise require no further action to remain on the DF.

II.2.14) Additional information

Please register your interest in this opportunity on the MyTenders portal no later than COP on 26/10/2022 in order to receive updates on the procurement activity. In the meantime, if you have any questions please do issue those via the MyTenders portal.

II.3) Estimated date of publication of contract notice

28 October 2022

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

Section VI. Complementary information

VI.3) 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

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=227707.

(MT Ref:227707)