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Tender

705897450 - Framework for the provision of sensor data for SDA

Ministry of Defence

F02: Contract notice

Notice identifier: 2022/S 000-034896

Procurement identifier (OCID): ocds-h6vhtk-038c26

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Section I: Contracting authority

I.1) Name and addresses

Ministry of Defence

Bristol

BS34 8JH

Contact

Emily Barrow

Email

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Country

United Kingdom

Region code

UKK11 - Bristol, City of

Internet address(es)

Main address

<https://www.contracts.mod.uk/web/login.html>

I.3) Communication

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

<https://www.contracts.mod.uk/web/login.html>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.contracts.mod.uk/web/login.html>

Tenders or requests to participate must be submitted to the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://www.contracts.mod.uk/web/login.html>

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

Defence

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

705897450 - Framework for the provision of sensor data for SDA

II.1.2) Main CPV code

- 72319000 - Data supply services

II.1.3) Type of contract

Services

II.1.4) Short description

The UK MOD (the Authority) and UK Space Agency (UKSA) are working together to develop the National Space Surveillance and Tracking (SST) capabilities required to monitor and warn of hazardous space events and contribute to the wider Space Domain Awareness (SDA) picture. Space is becoming increasingly congested and contested, fuelled by a rapid increase in the number (and reducing cost) of objects in orbit. The UK MOD are working to bring together data and analysis from defence, civil and commercial space users to ensure UK satellites can continue to operate safely and sustainably. The UK is enhancing its national SDA capability needed to protect and defend the UK national interest in space.

The aim of this procurement is to purchase SDA data sets from a range of both national and international suppliers to enable assessment of the utility of the SDA data available on the commercial market. The UK MOD, via the DE&S Space Delivery Team, intends to procure SDA data from reliable data suppliers, with extensive knowledge of SDA, and assess how supplementary sensor data can be combined with current data sources to improve UK capability.

The requirement is for participation in Tendering for the Framework for the Provision of Space Domain Awareness (SDA) Sensor Data. The Framework will be open for a period of approximately two (2) months, ending no later than 31st Mar 23 (data delivery by 1st Mar 23). The Framework is for the purchase of Commercial SDA data, which is required to support real-time information, including satellite tracking and anomaly detection/alerting.

Delivery of the data products for ingestion (via Secure File Transfer Protocol (SFTP)). The requirement scope has been divided into 6 LOTS for specific activities, for which

Providers can bid for single, multiple or all lots, defined below (full definitions contained within Section D of the Invitation to Tender (ITT):

LOT 1 Characterisation (GEO)

LOT 2 Tracking (GEO) LOT 3 Characterisation (LEO)

LOT 4 Characterisation (Other)

LOT 5 Tracking (Other)

LOT 6 Tracking (LEO)

The requirement is for research and development purposes, therefore the Authority intends to purchase as many data types within each LOT as possible, within the approved budget. Bidders are encouraged to consider the variety of data provided in each data set, over the quantity of data provided. Firm Prices and a maximum bid limit of £45,000 (ex VAT) for initial tasking has been set to ensure multiple data sets can be purchased across LOTs, bids submitted above this value may not be accepted. Should the Authority reach the maximum approved budget, no further data will be purchased. The Authority will purchase up to a maximum of £200,000 (ex VAT) data sets per LOT, the amount of data purchased is solely driven by affordability. The Authority reserves the right not to purchase from any of the LOTS.

II.1.5) Estimated total value

Value excluding VAT: £550,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Tenders may be submitted for all lots

Maximum number of lots that may be awarded to one tenderer: 6

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

All LOTs (1 - 6): Providers can bid for all or any combination of LOTs but will not be awarded more than one contract per LOT at initial tasking. Each Tender must meet the Authoritys minimum requirements, operate as a standalone Tender & not be dependent on any other Tender or any other factors external to the Tender. Each Tender must be capable of being accepted by the Authority in its own right.

II.2) Description

II.2.1) Title

GEO Characterisation

Lot No

1

II.2.2) Additional CPV code(s)

- 72319000 - Data supply services
- 73410000 - Military research and technology

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

LOT 1 - Supply of Characterisation (GEO) Data – SDA Data requirements for Characterisation of Resident Space Objects (RSO) in GEO orbit (as defined in the Overview tab of the requirements).

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

End date

31 March 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: No

II.2.14) Additional information

35722000-1 Radar

38630000-0 Astronomical and optical instruments

72319000-4 Data supply services

72322000-8 Data management services

72330000-2 Content or data standardization and classification services

35720000-7 Intelligence, surveillance, target acquisition and reconnaissance

35125100-7 Sensors

34700000-4 Aircraft and spacecraft

34710000-7 Helicopters, aeroplanes, spacecraft and other power

II.2) Description

II.2.1) Title

GEO Tracking

Lot No

2

II.2.2) Additional CPV code(s)

- 72319000 - Data supply services
- 73410000 - Military research and technology

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

LOT 2 – Supply of Tracking (GEO) Data– SDA Data requirements for Tracking of RSOs in GEO orbit (as defined in the Overview tab of the requirements)

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

End date

31 March 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: No

II.2.14) Additional information

35722000-1 Radar

38630000-0 Astronomical and optical instruments

72319000-4 Data supply services

72322000-8 Data management services

72330000-2 Content or data standardization and classification services

35720000-7 Intelligence, surveillance, target acquisition and reconnaissance

35125100-7 Sensors

34700000-4 Aircraft and spacecraft

34710000-7 Helicopters, aeroplanes, spacecraft and other power

II.2) Description

II.2.1) Title

LEO Characterisation

Lot No

3

II.2.2) Additional CPV code(s)

- 72319000 - Data supply services
- 73410000 - Military research and technology

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

LOT 3 – Supply of Characterisation (LEO) Data – SDA Data requirements for Characterisation of RSOs in LEO orbit (as defined in the Overview tab of the requirements).

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

End date

31 March 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: No

II.2.14) Additional information

35722000-1 Radar

38630000-0 Astronomical and optical instruments

72319000-4 Data supply services

72322000-8 Data management services

72330000-2 Content or data standardization and classification services

35720000-7 Intelligence, surveillance, target acquisition and reconnaissance

35125100-7 Sensors

34700000-4 Aircraft and spacecraft

34710000-7 Helicopters, aeroplanes, spacecraft and other power

II.2) Description

II.2.1) Title

Characterisation (Other than LEO or GEO)

Lot No

4

II.2.2) Additional CPV code(s)

- 72319000 - Data supply services
- 73410000 - Military research and technology

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

LOT 4 – Supply of Characterisation (Other) Data – SDA Data requirements for Characterisation of RSOs in other orbits (as defined in the Overview tab of the requirements).

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

End date

31 March 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: No

II.2.14) Additional information

35722000-1 Radar

38630000-0 Astronomical and optical instruments

72319000-4 Data supply services

72322000-8 Data management services

72330000-2 Content or data standardization and classification services

35720000-7 Intelligence, surveillance, target acquisition and reconnaissance

35125100-7 Sensors

34700000-4 Aircraft and spacecraft

34710000-7 Helicopters, aeroplanes, spacecraft and other power

II.2) Description

II.2.1) Title

Tracking (Other than LEO or GEO)

Lot No

5

II.2.2) Additional CPV code(s)

- 72319000 - Data supply services
- 73410000 - Military research and technology

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

LOT 5 – Supply of Tracking (Other) Data – SDA Data requirements for Tracking of RSOs in other orbits (as defined in the Overview tab of the requirements).

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

End date

31 March 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: No

II.2.14) Additional information

35722000-1 Radar

38630000-0 Astronomical and optical instruments

72319000-4 Data supply services

72322000-8 Data management services

72330000-2 Content or data standardization and classification services

35720000-7 Intelligence, surveillance, target acquisition and reconnaissance

35125100-7 Sensors

34700000-4 Aircraft and spacecraft

34710000-7 Helicopters, aeroplanes, spacecraft and other power

II.2) Description

II.2.1) Title

Tracking (LEO)

Lot No

6

II.2.2) Additional CPV code(s)

- 72319000 - Data supply services
- 73410000 - Military research and technology

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

LOT 6 – Supply of Tracking (LEO) Data – SDA Data requirements for Tracking of RSOs in LEO orbit (as defined in the Overview tab of the requirements).

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

End date

31 March 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: No

II.2.14) Additional information

35722000-1 Radar

38630000-0 Astronomical and optical instruments

72319000-4 Data supply services

72322000-8 Data management services

72330000-2 Content or data standardization and classification services

35720000-7 Intelligence, surveillance, target acquisition and reconnaissance

35125100-7 Sensors

34700000-4 Aircraft and spacecraft

34710000-7 Helicopters, aeroplanes, spacecraft and other power

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions

The procedure to be used is the PCR 2015 Open Procedure, therefore, Potential Providers will be required to complete and submit both the Suitability Assessment Questionnaire (SAQ) and the Invitation To Tender (ITT) at the same time. The SAQ will be used to establish a Potential Providers' minimum standard of capability and capacity on a pass/fail basis. The SAQ responses will be evaluated prior to reviewing any bids (i.e. Commercial and Technical bids). Should a supplier fail to meet the minimum eligibility and selection criteria set out in the SAQ, they will be discounted from the competition entirely. Potential Providers who are discounted within the SAQ will not have their Tender evaluated and therefore cannot be onboarded onto the Framework or be eligible for Contract Award.

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

List and brief description of selection criteria

Suitability Assessment Questionnaire (SAQ): This refers to the Supplier Selection criteria as used in the SAQ to assess Potential Providers' capability to supply this requirement. This includes Mandatory completion of a Statement Relating to Good Standing, and successful demonstration of Cyber Essentials or equivalent standard.

Commercial and Technical Envelopes:

The award criteria for this assessment will be a Value for Money (VFM) index assessment to determine the Most Economically Advantageous Tender (MEAT). The MEAT will be the highest VFM Index score achieved, by dividing the Technical Score (inclusive of Social Value) by the Price (£k) and Tenders will be ranked in order. The Authority reserves the right to Direct Award to the 1st ranked supplier of each LOT.

Minimum level(s) of standards possibly required

Tenderers must pass ALL selection criteria to be deemed compliant.

III.2) Conditions related to the contract

III.2.2) Contract performance conditions

See ITT Contract Documents.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

IV.1.3) Information about a framework agreement or a dynamic purchasing system

The procurement involves the establishment of a framework agreement

Framework agreement with several operators

In the case of framework agreements, provide justification for any duration exceeding 4 years:

The Framework will end no later than 31st Mar 2023. This does not exceed four (4) years. The Data must be delivered no later than 1st March 2023.

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

16 January 2023

Local time

5:00pm

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

Tender must be valid until: 31 March 2023

IV.2.7) Conditions for opening of tenders

Date

16 January 2023

Local time

5:00pm

Place

Defence Sourcing Portal (DSP)

Information about authorised persons and opening procedure

Commercial Team - Space Delivery Team (DT)

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3) Additional information

The entire Procurement will be carried out electronically via the Defence Sourcing Portal (DSP).

VI.4) Procedures for review

VI.4.1) Review body

Ministry of Defence, DE&S

Space Delivery Team, Spruce 1C, MoD Abbey Wood

Bristol

BS34 8JH

Email

Emily.Barrow101@mod.gov.uk

Country

United Kingdom