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Planning

BEROE Mission Control Systme

Ministry of Defence

F16: Prior information notice for contracts in the field of defence and security

Notice identifier: 2022/S 000-017415

Procurement identifier (OCID): ocds-h6vhtk-034aac

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Section I: Contracting authority/entity

I.1) Name, addresses and contact point(s)

Ministry of Defence

MOD Abbey Wood

Bristol

Contact

Mr Douglas Kershaw

For the attention of

Kershaw Doug

Email(s)

douglas.kershaw102@mod.gov.uk

Country

United Kingdom

Internet address(es)

General address of the contracting authority/entity

https://des.mod.uk/

Address of the buyer profile

https://des.mod.uk/

Further information

Further information can be obtained from the above mentioned contact point(s)

I.2) Type of the contracting authority

Other type

Space Delivery Team, Defence Equipment and Support

I.3) Main activity

Defence

I.4) Contract award on behalf of other contracting authorities/entities

The contracting authority/entity is purchasing on behalf of other contracting authorities/entities:

No

Section II: Object

II.1) Title attributed to the contract by the contracting authority/entity:

BEROE Mission Control Systme

II.2) Type of contract and location of works, place of delivery or of performance

Supplies

Service category No 14: Research and development services and evaluation tests

Main site or location of works, place of delivery or of performance

Space Delivery Team, Defence Equipment and Support, Ministry of Defence

NUTS code

• UK - United Kingdom

II.3) Information on framework agreement

The notice involves the establishment of a framework agreement: Yes

II.4) Short description of nature and scope of works or nature and quantity or value of supplies or services

BEROE is a ground segment software solution enabling flight operators to conduct satellite tasking, monitoring and control of UK MoD space assets.

A one-year project seeking to investigate, develop and demonstrate a ground based open architecture command & control (C2) system for the Pg ISTARI UK MOD ISR satellite constellation. Focussed on maturing, deriving and identifying UK MoD requirements, testing hypotheses, addressing key challenges and stimulating industry to develop product roadmaps to support future operational systems targeted for non-civilian use.

SSUN: The UK MoD requires a mission control system to enable Space Command to Control, Monitor and Task On-Orbit Low Earth Orbit satellite(s), Remote Ground Terminals and supporting Operational Readiness Activities (including Simulation Environments), with appropriate scalability, and protection, to enable and sustain flight operations within the Space Command Satellite Operations Centre (SOC).

It is proposed that the BEROE requirement will be delivered using the Rapid Agile Prototyping, Scaled for Operations (RAPSO) Commercial framework model.

The proposed framework will be of approximately 1 year duration and valued up to a maximum of £5M, subject to necessary approvals. Operational Capability is not within scope of this framework.

Framework participation will be subject to successfully completing a Pre-Qualification Questionnaire (PQQ) and Invitation to Tender (ITT) process. There are three stages under the framework which will be –

Stage 1: PQQ and datasheet responses to down select to 10-15 suppliers to take forwards to Stage 2.

Stage 2: Demonstrate and down selection to final 2 companies. ITT "light" and tender responses evaluated.

Stage 3: Funded development sprint to provide prototype.

Estimated value excluding VAT

£5,000,000

II.5) Common procurement vocabulary (CPV)

• 34712000 - Spacecraft, satellites and launch vehicles

II.6) Scheduled date for start of award procedures and duration of the contract

End date: 31 July 2023

Section III. Legal, economic, financial and technical information

III.1) Conditions relating to the subcontract

III.1.1) Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them:

Financing conditions and payment terms will be outlined within the terms and conditions of the Framework Agreement, and specific Framework call-off tasking documentation.

Section VI: Complementary information

VI.1) Information about European Union funds

The contract is related to a project and/or programme financed by European Union funds:

VI.2) Additional information

The Contracting Authority intends to use an e-Tendering system in this procurement exercise, please visit www.contracts.mod.uk for full details and to register your interest in this procurement.

VI.3) Information on general regulatory framework

Relevant governmental Internet sites where information can be obtained

Tax legislation

https://www.legislation.gov.uk/all?title=tax

HM Revenue and Customs

London

Country

United Kingdom

Internet address

https://www.gov.uk/tax-help

Environmental protection legislation

https://www.legislation.gov.uk/ukpga/1990/43/contents

Environment Agency

London

Country

United Kingdom

Internet address

https://www.gov.uk/government/organisations/environment-agency

Employment protection and working conditions

https://www.hse.gov.uk/involvement/prepare/law/empprotection.htm#:~:text=All%20your% 20workers%20are%20protected, of%20their%20length%20of%20service.