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Tender

Army Warfighting Experiment (AWE) Urban: Sustain and Protect

Ministry of Defence

F02: Contract notice

Notice identifier: 2021/S 000-031693

Procurement identifier (OCID): ocds-h6vhtk-030344

Published 17 December 2021, 10:45pm

Section I: Contracting authority

I.1) Name and addresses

Ministry of Defence

Bristol

Contact

AWE Team, Future Capability Group DE&S

Email

DES-AWE@mod.gov.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/ministry-of-defence>

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

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

Army Warfighting Experiment (AWE) Urban: Sustain and Protect

Reference number

702296452

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 Army Warfighting Experiment Urban Series 2022-2024 is a Capability Investigation within a threat based tactical scenario.

It will employ live, virtual, and constructive methods to produce evidence which: de-risks major equipment programmes; enhances relationships with industry, partners, and allies; and accelerates Army modernisation and transformation.

This advert relates to the first iteration of the AWE Urban Series – Sustain and Protect.

II.1.5) Estimated total value

Value excluding VAT: £1

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The Requirement.

AWE Sustain and Protect will focus on the following hypotheses, which will be further refined in due course into detailed experimental activity. Applications must link to one of the following hypotheses:

Sustainment 1. If Urban CSS elements have the means to autonomously forecast consumption rates, then stores can be disseminated before they become needed to increase mass.

Sustainment 2. If Urban Equipment Support Specialists have the means to autonomously predict component failure, then parts can be replaced before a failure occurs to increase mass.

Sustainment 3. If Urban Medical Specialists have the ability to autonomously identify, and treat or extract, casualties before their combat effectiveness is adversely affected then operational output can be maintained to ensure tempo and mass.

Sustainment 4. If Urban Equipment Support Specialists have the ability to identify and autonomously recover stricken equipment then they can remain protected to increase mass.

Sustainment 5. If Urban FEs have the organic means to generate, store, manage and distribute electrical power then they will be able to sustain their own electrical power requirements to increase tempo and mass.

Protection 1. If Urban Commanders have the ability to create physical obstacles then they will be able to control Freedom of Movement in the Urban environment to increase tempo and mass.

Protection 2. If Urban FE have the ability to autonomously or remotely breach urban barriers, rapidly and repeatedly, then they can increase freedom of movement and protection to increase tempo and mass.

Protection 3. If Urban FEs have the ability to conceal their own physical and non-physical (EMS and Cyber) signatures, then they will improve their survivability to increase mass.

Protection 4. If urban FE have the ability to accurately map the urban environment, including sub-terranean zones, then they will improve IPE and increase situational understanding to increase tempo.

Protection 5. If Urban FEs have autonomous means to FIND emplaced threats, then they

will have increased freedom of movement to increase tempo.

Personnel 1. If personnel have their performance optimised (cognitive, physical, psychological and social) then they will be capable of performing at a higher standard to increase operational advantage.

Personnel 2. If Urban Commanders have better intelligence regarding the physical and mental capacity of their work force, then they will be more able to resource missions and tasks to increase operational advantage.

To be considered for the AWE Sustain and Protect:

Please submit 1 x White Paper and 1 x Quad Chart per product through the Defence Sourcing Portal (DSP). Templates for both the White Paper and Quad Chart are available from the DSP. The deadline for submissions is 12:00 14th February 2022. Submissions will only be accepted through this route.

Please submit Clarification Questions (CQ) through the DSP. We will endeavour to send out a copy of CQs and answers twice a week from 5th January 2022, CQ releases will be by the close of business Wednesdays and Fridays. The deadline for CQs will be 17:00 Tuesday 8th February 2022.

During the submission timeframe, there will be an opportunity to attend a face-to-face launch of AWE Urban Series: Sustain and Protect on 26th January 2022 (restrictions may apply based on expected numbers and Covid restrictions.) The location of this industry day will be confirmed nearer the time but will likely be along the M4 corridor. If you have clarification questions regarding your application that you would like covered on the day, please submit these via DSP. Please register expressions of interest for this event at: <https://forms.office.com/Pages/ResponsePage.aspx?id=7WB3vINZS0iuldChbfoJ5Z7Xb-ouAsRHlonIEbdPbKpUOUxJQ0U0T1pSN0dMTzkwT084Wk9aWVpYMi4u>

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: Yes

Description of options

Options will be available to by-pass down selection for future AWE Urban events

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

AWE Urban Series activity may be circulated through a number of communication routes; however the White Paper and Quad Chart are only available via the DSP.

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

Not Applicable

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement 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

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

14 February 2022

Local time

12:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

14 February 2022

Local time

12:01pm

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

Defence Equipment and Support, Future Capability Group

Bristol

BS34 8JH

Country

United Kingdom