

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/007505-2023>

Planning

The Provision of Multidomain Integration Change Programme Decision Advantage Pilot

Ministry of Defence

F01: Prior information notice

Reducing time limits for receipt of tenders

Notice identifier: 2023/S 000-007505

Procurement identifier (OCID): ocds-h6vhtk-03b2f9

Published 15 March 2023, 11:23am

Section I: Contracting authority

I.1) Name and addresses

Ministry of Defence

Lichfield

Email

megan.cook120@mod.gov.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

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

I.3) Communication

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

The Provision of Multidomain Integration Change Programme Decision Advantage Pilot

Reference number

707197452

II.1.2) Main CPV code

- 80511000 - Staff training services

II.1.3) Type of contract

Services

II.1.4) Short description

The requirement is for a team of Suitably Qualified Experienced Personnel (SQEP) to

deliver and validate a cognitive training package focused on developing decision advantage within the Land, Air, Sea, Cyber, and Space domains that will

- a. teach better decision-making in Volatile, Uncertain, Complex and Ambiguous (VUCA) multidomain environments;
- b. enhance decision-making in multidomain environments without relying on the repetition characterising the military decision-making model and annual exercise cycle (predictable and forecast scenarios);
- c. enhance metacognition of decision-making and awareness of decision-making ability amongst our personnel relative to an international database of security professionals; and
- d. achieve better understanding of decision-making as a core military skill essential to achieving decision advantage in multidomain environments and decisive advantage in response to operational complexity.

DELIVERABLES

SME's from each of the five domains will be asked to partner with the External Assistance and the MDICP CB&M team for 1-1.5 days to develop bespoke MDI scenarios centred on their respective domain. Resulting in the development of scenarios to create decision points requiring 'least worst' decisions characterised by uncertainty. Thereafter, it is proposed that Defence Academy personnel, plus ISTAR and MAB personnel will receive:

- e. ten theory-based micro-lectures (5 mins each) on decision-making. These are designed to educate personnel on decision-making and factors affecting decision-making performance beyond the self-evident and well-understood performance decrement arising from stress and fatigue;
- f. five micro-lectures (8 mins each) to highlight individual factors affecting decision-making and a battery of self-reflection measures for enduring use to improve both decision-making and decision-making awareness (these include, but are not limited to, need for maximisation, need for closure, violation of sacred values);
- g. bespoke and immersive scenarios (three for each domain of Air, Land, Sea, Cyber and Space) using the LUCIFER™ methodology (Least-Worst Uncertainty for Emergency Responders);
- h. an online rapid scenario testing system to be run 'in house' (with lecture/demonstration) for enduring use to create bespoke scenarios to improve decision-making (which can subsequently be deployed at unit- and team-level to create MDI scenarios and improve decision-making); and

i. five in-depth multi-phase immersive scenarios (one each for Land, Sea, Air, Cyber and Space, with each including PAG and allies), created alongside SMEs within each domain to illustrate the pathway to an MDI mindset.

The training package will be delivered non-consecutively (subject to the Defence Academy, ISTAR and MAB timetable): One group will receive the education and training prior to completing the scenarios, the other group will receive the education and training after having completed the scenarios. This will enable a comparison of the training effect between groups and facilitate proof of concept.

II.1.5) Estimated total value

Value excluding VAT: £180,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 80511000 - Staff training services
- 80570000 - Personal development training services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The requirement is for a team of Suitably Qualified Experienced Personnel (SQEP) to deliver and validate a cognitive training package focused on developing decision advantage within the Land, Air, Sea, Cyber, and Space domains that will

- a. teach better decision-making in Volatile, Uncertain, Complex and Ambiguous (VUCA) multidomain environments;
- b. enhance decision-making in multidomain environments without relying on the repetition characterising the military decision-making model and annual exercise cycle (predictable and forecast scenarios);
- c. enhance metacognition of decision-making and awareness of decision-making ability

amongst our personnel relative to an international database of security professionals; and

d. achieve better understanding of decision-making as a core military skill essential to achieving decision advantage in multidomain environments and decisive advantage in response to operational complexity.

DELIVERABLES

SME's from each of the five domains will be asked to partner with the External Assistance and the MDICP CB&M team for 1-1.5 days to develop bespoke MDI scenarios centred on their respective domain. Resulting in the development of scenarios to create decision points requiring 'least worst' decisions characterised by uncertainty. Thereafter, it is proposed that Defence Academy personnel, plus ISTAR and MAB personnel will receive:

- e. ten theory-based micro-lectures (5 mins each) on decision-making. These are designed to educate personnel on decision-making and factors affecting decision-making performance beyond the self-evident and well-understood performance decrement arising from stress and fatigue;
- f. five micro-lectures (8 mins each) to highlight individual factors affecting decision-making and a battery of self-reflection measures for enduring use to improve both decision-making and decision-making awareness (these include, but are not limited to, need for maximisation, need for closure, violation of sacred values);
- g. bespoke and immersive scenarios (three for each domain of Air, Land, Sea, Cyber and Space) using the LUCIFER™ methodology (Least-Worst Uncertainty for Emergency Responders);
- h. an online rapid scenario testing system to be run 'in house' (with lecture/demonstration) for enduring use to create bespoke scenarios to improve decision-making (which can subsequently be deployed at unit- and team-level to create MDI scenarios and improve decision-making); and
- i. five in-depth multi-phase immersive scenarios (one each for Land, Sea, Air, Cyber and Space, with each including PAG and allies), created alongside SMEs within each domain to illustrate the pathway to an MDI mindset.

The training package will be delivered non-consecutively (subject to the Defence Academy, ISTAR and MAB timetable): One group will receive the education and training prior to completing the scenarios, the other group will receive the education and training after having completed the scenarios. This will enable a comparison of the training effect between groups and facilitate proof of concept.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £180,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

6

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.3) Estimated date of publication of contract notice

5 June 2023

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

IV.2) Administrative information

IV.2.5) Scheduled date for start of award procedures

7 August 2023

Section VI. Complementary information

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.4) Procedures for review

VI.4.1) Review body

Defence Medical Services

Lichfield

Country

United Kingdom