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Planning

Threat Detection and Warning System for Terrier Armoured Vehicles

Ministry of Defence

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

Notice identifier: 2021/S 000-003313

Procurement identifier (OCID): ocds-h6vhtk-029458

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Section I: Contracting authority/entity

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

Ministry of Defence

RETDU Gibraltar Barracks

CAMBERLEY

GU17 9LP

For the attention of

ArmyCap-GM-MvrSp-RETDU-0Mailbox@mod.gov.uk

Email(s)

ArmyCap-GM-MvrSp-RETDU-0Mailbox@mod.gov.uk

Country

United Kingdom

Further information

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

Section II: Object

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

Threat Detection and Warning System for Terrier Armoured Vehicles

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

Supplies

Service category No 3: Defence services, military defence services and civil defence services

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

The aim of this project is to develop a threat detection and warning system for current in-service armoured vehicles. The system should be able to identify explosive ordnance threats at various ranges, whilst the vehicle operators are closed down under armour, with limited situational awareness. This system should significantly reduce the cognitive burden on the operator and utilise the current vehicle vision capabilities (if possible). Ideally, the system will work both, while the vehicle is stationary and in motion. We expect the system to already be under development, with a virtual demonstration being requested in Q2 2021.

At this initial stage, we assess the threat detection system will bolt on to a demonstration vehicle. The system, at this initial stage, shall not alter the vehicle platform in any way, this includes not drilling of any holes or screwing into the vehicle platform. The system will also need to power itself at this stage, it cannot source power from the demonstration vehicle. If successfully demonstrated, further integration would be explored. A physical capability demonstration is being planned for Q3 or Q4 2021, however, this could change depending on National COVID-19 restrictions. A demonstration window will be provided once an expression of interest and initial assessment has been made.

II.5) Common procurement vocabulary (CPV)

- 31642200 - Detection apparatus for mines

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:
No

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.