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Planning

DTXG micro-AUV

Ministry of Defence

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-080237

Procurement identifier (OCID): ocds-h6vhtk-05ed92

Published 5 December 2025, 2:39pm

Changes to notice

This notice has been edited. The [previous version](#) is still available.

Updated link to MS forms questionnaire required for responding to this notice.

Scope

Reference

715726488

Description

This Pre-Market Engagement seeks to identify suppliers whose Autonomous Underwater Vehicles (AUVs) can meet the MOD's Minimum Viable Requirement (MVR) and to understand which platforms may support future development. This is not an evaluative exercise and nothing in this activity will limit the opportunity to engage in any follow-on ITT.

The Royal Navy's Diving and Threat Exploitation Group (DTXG) delivers a range of operational outputs, including protection of critical undersea infrastructure in home waters and deployed support to maritime operations. Inherent in these tasks is a requirement to survey and understand the underwater battlespace; tracking undersea cables and pipelines, charting beaches, ports and maritime infrastructure, and plotting potential obstructions or objects. These operations will frequently need to be conducted from small boats by light-role teams at significant range from a host platform. The possibility for sub-surface deployment and recovery is desirable.

To meet this requirement, DTXG is exploring a portable, single operator deployable AUV system for environmental data gathering, survey operations, and exploratory autonomous missions in coastal/offshore waters. The rapid procurement of this system will allow the development of the capability alongside the Original Equipment Manufacturer; the key user requirements are below in the following format:

Requirement Area - Requirement Statement - Minimum Requirement

1. Depth Performance - Operate effectively in coastal and shelf-sea environments requiring mid-depth capability - equal to or greater than 300 m depth rating
2. Portability - Deployable and recoverable by a single operator without mechanical lifting assistance - Single-person portable & recoverable; no mechanical/specialist Launch And Recovery System
3. Endurance - Support meaningful survey/data-gathering missions - multi-hour mission capability
4. Navigation & Comms - Operate safely and autonomously using standard technologies - Autonomous nav/comms suite suitable for AUV operations
5. Modularity/Deployment Pathway (Desirable) - Provide scope for future payloads, upgrades or development - Modular payload or development pathway (desirable)

Total value (estimated)

- £500,000 excluding VAT
- £600,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 28 February 2026 to 28 February 2027
- 1 year, 1 day

Main procurement category

Goods

CPV classifications

- 35512400 - Unmanned underwater vehicles

Engagement

Engagement deadline

6 January 2026

Engagement process description

To respond to this notice, please complete the MS Forms questionnaire available by

copying the link below and pasting into your browser in a new window. The deadline for submission is 6th January 2026 at 15:00.

<https://forms.office.com/Pages/ResponsePage.aspx?id=7WB3vINZS0iuldChbfoJ5W3zRIF2YItErKtGn0bBS41URE1WRUE5OVRRSFU4RFZBSUk2VFgxVUtERC4u>

The Authority anticipates that, subject to approvals and budget confirmation, a formal ITT will be released early in the New Year, with a desire to acquire a minimum viable product before the end of FY 2025/26.

Subject to approval, the intention is to run the ITT through the Commercial X Dynamic Market.

Whilst not mandatory until publication of the formal tender notice, registration on the Dynamic Market is strongly recommended now, as any future tender will only be accessible via that platform.

Applying to onboard to the Dynamic Market:

Registration is simple. Firstly, you will need to ensure you have created a company profile on the Central Digital Platform (paste URL into browser):

<https://signin.account.gov.uk/sign-in-or-create>

Your application to the Dynamic Market needs to be completed on the Defence Sourcing Portal (paste URL into browser):

https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcontracts.mod.uk%2Fesop%2Fogc-host%2Fpublic%2Fmod%2Fweb%2Flogin.html%3FVISITORID%3D115308aa-96cf-4930-8910-3e29a0cd5024%26_ncp%3D1751540045689.1365397-1&data=05%7C02%7CJosiah.Mayled101%40mod.gov.uk%7C42699efdbca84a9ce22e08de1d70ad72%7Cbe7760ed5953484bae95d0a16dfa09e5%7C0%7C0%7C638980566943315044%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIAlAiOiJXaW4zMilslkFOljoiTWFpbCIsIldUljoyfQ%3D%3D%7C0%7C%7C%7C&sdata=ZbLPNffKnHgcvs4XeeReQU4C0dOkflhEf1acrwWE1o%3D&reserved=0

Instructions

1. On the home page, click 'view DSP opportunities'
2. make sure you're in the 'current opportunities tab'
3. click the 'filters' drop down and select 'project info'

4. in the 'value' field type 'commercial x' and click 'search'

You should be able to access the 'PQQ' event that we are using for the applications. There is also downloadable content available in the opportunity listing providing further information about the Dynamic Market.

Disclaimer:

Neither:

1. responding to this Engagement Notice, or

2. registering on the Dynamic Marketplace

will impact your ability to compete in any follow-up ITT.

Participation

Particular suitability

- Small and medium-sized enterprises (SME)
- Voluntary, community and social enterprises (VCSE)

Contracting authority

Ministry of Defence

- Public Procurement Organisation Number: PHVX-4316-ZVGZ

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Organisation type: Public authority - central government