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Planning

714655452 - MSS/144 Water Purification Equipment

Defence Equipment and Support (DE&S) - Power Propulsion and Auxiliary (PPA)

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

Notice identifier: 2025/S 000-015905

Procurement identifier (OCID): ocds-h6vhtk-0504d5 ([view related notices](#))

Published 17 April 2025, 1:23pm

Scope

Reference

MSS/144 - Water Purification

Description

Defence Equipment and Support (DE&S) is an arm's length body of the Ministry of Defence, which delivers equipment and support services to the Royal Navy, British Army, and Royal Air Force. DE&S play a critical role in keeping the United Kingdom safe and prosperous, and making sure the front-line have the right kit at the right time. From fighter jets to food deliveries, from patrol boats to protective clothing, DE&S deliver effective and innovative kit to front-line forces.

Within the new DE&S structure, the Power Propulsion and Auxiliary (PPA) team has been set up as a technology area, working across different areas of defence to deliver and sustain systems that generate operational energy, to provide propulsion (e.g. prime movers/engines and transmissions fitted to platforms), and cross-cutting auxiliary systems, including life support, fire-fighting, medical, and catering equipment.

Working as a pan-environment team across different areas of Defence, PPA have a requirement to support and maintain the production of fresh (potable) water using reverse osmosis and distillation processes to support habitability, including drinking water and hotel services for its maritime environment. Additionally, the de-mineralised water has a technical use which currently supports a number of Royal Navy master equipments. As part of this market engagement, PPA wishes to explore how it may incorporate its water purification requirement for its Army master equipment.

Total value (estimated)

- £120,000,000 excluding VAT
- £144,000,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 5 January 2026 to 5 January 2036
- 10 years, 1 day

Main procurement category

Services

CPV classifications

- 41120000 - Non-drinking water
- 41110000 - Drinking water
- 42912300 - Machinery and apparatus for filtering or purifying water
- 42912310 - Water filtration apparatus

- 42912330 - Water-purifying apparatus
- 51514110 - Installation services of machinery and apparatus for filtering or purifying water

Contract locations

- UK - United Kingdom

Engagement

Engagement deadline

16 May 2025

Engagement process description

On Friday 16th May, PPA will be inviting suppliers to a Market Engagement Industry Day to present the PPA Water Purification requirement and seek market expertise to enable PPA to confirm its requirement and the potential to move towards a contract for availability for its front line command. Interested parties should note that the Official Secrets Act 1989 and National Security Act 2023 is likely to apply to this requirement.

The event will be held from 9:30am - 16:00pm at DE&S Head Office - MOD Abbey Wood, Bristol, BS34 8JH.

Unfortunately, we are unable to provide refreshments for the event but will provide opportunity for attendees to utilise the facilities on site.

All attendees MUST hold either SC clearance or BPSS (Baseline Personnel Security Standard), for further details please refer to - Government baseline personnel security standard - GOV.UK. <https://www.gov.uk/government/publications/government-baseline-personnel-security-standard>

In order to register your interest for this event, please contact DESShipsMSS-MaST-SaBP@mod.gov.uk stating the names of the two personnel who will be in attendance,

providing details of their security status.

After you have registered, you will receive further information regarding the event, which will include further detail and problem statements that will be discussed on the day.

Please note: This PME does not formally signify the beginning of a procurement process and does not constitute commitment to undertake a procurement exercise until the Tender Notice is issued.

You must not take this announcement as confirmation that the Authority shall award a contract for this requirement. The Authority is publishing this announcement without any commitment to issue a tender or place a contract. The Authority also reserves the right to vary or cancel the Industry Day at any time. Accordingly, any expenditure, work or effort undertaken before contract award is a matter solely for the commercial judgement of potential suppliers. Announcements will also be published on the Central Digital Platform (CDP), the Defence Sourcing Portal (DSP), and the Find a Tender service (FTS).

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Procedure

Special regime

Defence and security

Contracting authority

Defence Equipment and Support (DE&S) - Power Propulsion and Auxiliary (PPA)

- Public Procurement Organisation Number: PVRL-5831-GLMM

MOD Abbey Wood

Bristol

BS34 8JH

United Kingdom

Email: DESShipsMSS-MaST-SaBP@mod.gov.uk

Website: <https://www.gov.uk/government/organisations/defence-equipment-and-support>

Region: UKK12 - Bath and North East Somerset, North Somerset and South Gloucestershire

Organisation type: Public authority - central government