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Planning

P2025-223 - Digital Twin Design Centre: IEEE 1516 HLA Software Toolkit

Digital Catapult

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

Notice identifier: 2025/S 000-082288

Procurement identifier (OCID): ocds-h6vhtk-05f459 ([view related notices](#))

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Scope

Reference

P2025-223

Description

1. The purpose of this PME is to gather information on available market offerings for IEEE 1516 HLA compliant software

Total value (estimated)

- £200,000 excluding VAT

- £240,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 April 2026 to 31 March 2027
- 1 year

Main procurement category

Services

CPV classifications

- 72000000 - IT services: consulting, software development, Internet and support

Contract locations

- UKN - Northern Ireland

Engagement

Engagement deadline

9 January 2026

Engagement process description

Digital Catapult is issuing this Prior Market Engagement notice (PME) to better understand the market's capability to provide software that is compliant with the IEEE 1516 High Level Architecture (HLA) to be used for the modelling of digital twins for distributed simulation, used when building a simulation for a larger purpose by combining (federating) several simulations.

Interested suppliers should note that the publication of any subsequent Tender Notice for this requirement is dependent on Digital Catapult receiving funding approval from the relevant funding organisation(s).

To participate in the PME, interested suppliers are required to read the Supplier Information Document and complete and return the Annex A - PME Response Questionnaire no later than Friday 9th January 2026 at 17:00hrs.

Contracting authority

Digital Catapult

- Public Procurement Organisation Number: PQJV-5136-MHML

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Region: UKI31 - Camden and City of London

Organisation type: Public authority - sub-central government