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Planning

tNCEA - National Hydrometry Data Logger

DEPARTMENT OF ENVIRONMENT, FOOD AND RURAL AFFAIRS
ENVIRONMENT AGENCY

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

Notice identifier: 2025/S 000-075310

Procurement identifier (OCID): ocds-h6vhtk-05e492 ([view related notices](#))

Published 19 November 2025, 3:02pm

Scope

Description

A new framework will be established for the supply of hydrometric data loggers capable of cardinal point logging functionality. Additionally, the framework will include after sales technical support and cover the supply of spare parts and modules necessary for the repair and maintenance of data logging equipment acquired under this agreement.

The Environment Agency (EA) is transitioning to a unified Schneider-based National telemetry system, consolidating six legacy systems. Field equipment is managed and maintained by fourteen area-based operational teams, each responsible for ensuring reliable data collection and logging from environmental monitoring sites. Loggers with the option to meet some of our future telemetry requirements will also be considered as part of this framework.

As part of this telemetry system transition, the EA is adopting modern communication protocols including DNP3, WITS-DNP3, Lucid, and IP-based packet-switched data transmission. These technologies will support more robust and flexible data logging from field data loggers, enabling improved data integrity, accessibility, and analysis.

The new framework will comprise of two Lots, each with a set of functional requirements

that must be met by the proposed data logger types. Where data loggers have telemetry functionality, they are required to operate with Schneider telemetry systems using either DNP3, WITS DNP3 or Lucid (when available) and inclusion of a multi band modem is desirable.

Lot 1 - IP68 rated logger device to operate at level, flow and rainfall sites as backup devices to the main existing remote telemetry units. Maximum device dimensions of 170mm x 150mm x 80mm.

Lot 2 - A single sensor IP68 rated logger device to operate where space may be limited. Dimensions should allow fitment within a tube diameter >50mm. Functionality to directly connect input sensors, without need for external junction box, to data logger whilst maintaining IP68 rating.

Total value (estimated)

- £0.01 excluding VAT
- £0.01 including VAT

Above the relevant threshold

Contract dates (estimated)

- 12 January 2026 to 11 January 2029
- Possible extension to 11 January 2031
- 5 years

Main procurement category

Goods

Additional procurement category

Services

CPV classifications

- 90711500 - Environmental monitoring other than for construction
 - 38411000 - Hydrometers
 - 90733700 - Groundwater pollution monitoring or control services
 - 90733100 - Surface water pollution monitoring or control services
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Engagement

Engagement deadline

28 November 2025

Engagement process description

N/A

Participation

Particular suitability

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

Submission

Publication date of tender notice (estimated)

8 December 2025

Contracting authorities

DEPARTMENT OF ENVIRONMENT, FOOD AND RURAL AFFAIRS

- Public Procurement Organisation Number: PNBD-3289-CDGX

Seacole Building, 2 Marsham Street

London

SW1P 4DF

United Kingdom

Email: ademola.olagunju@defra.gov.uk

Website: <https://defra-family.force.com/s/Welcome>

Region: UKI32 - Westminster

Organisation type: Public authority - central government

ENVIRONMENT AGENCY

- Public Procurement Organisation Number: PNWW-1475-NYLN

Seacole Building, 2 Marsham Street

London

SW1P 4DF

United Kingdom

Email: ademola.olagunju@defra.gov.uk

Website: <https://defra-family.force.com/s/Welcome>

Region: UKI32 - Westminster

Organisation type: Public authority - sub-central government

Contact organisation

Contact DEPARTMENT OF ENVIRONMENT, FOOD AND RURAL AFFAIRS for any enquiries.