



UK Centre for
Ecology & Hydrology

UKCEH

PIN Notice: UKCEH Asset Management System (AMS)

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Prior Information Notice (PIN)

Title: Asset Management Platform for Floods and Droughts Research Infrastructure (FDRI)

Authority Name: UK Centre for Ecology and Hydrology (UKCEH)

Publication Date: 21/02/2025

1. Notice to reader and disclaimer

The UK Centre for Ecology and Hydrology (UKCEH) is seeking to procure an Asset Management System (AMS) to support the Floods and Droughts Research Infrastructure (FDRI) programme. This platform will enhance the management and maintenance of scientific assets, improve operational efficiency, and ensure the quality and reliability of data collected from field and laboratory equipment.

Initially this AMS will be required to support the FDRI project, however, eventually the AMS will be adopted as a company-wide solution, therefore we are looking for a product that can be scalable.

This Prior Information Notice (PIN) has been issued to notify the market of the intention to issue a Request for Proposal (RFP) in the next 1-12 months.

For the avoidance of doubt, this document is not a call for competition. Any comments, indications of interest, participation, or non-participation by any organisation at this stage will not influence the process, selection and/or award decision for any future possible procurement.

The proposed AMS will serve to manage scientific assets and inventory control including functionalities for maintenance management, operational efficiency, quality assurance, and reporting.

2. Project background

The UKCEH is running the FDRI as an innovative long-term programme which, for the first time in the UK, will monitor the whole hydrological system, to improve resilience to floods and droughts.

FDRI will advance our understanding of how, when and where floods and droughts occur, enabling improved predictions, robust assessment of impacts and implementation of appropriate

mitigation measures. It will help ensure that the UK continues to play a leading role in hydrological research and innovation, driving solutions worldwide.

The £38 million project will establish a nationwide Floods and Droughts Research Infrastructure, offering near real-time data to the hydrological community. Led by the UK Centre for Ecology & Hydrology, the programme will deploy instruments for observing our water environment – measuring water quality, evaporation, soil moisture, weather, groundwater and river flows.

Working with partners and groups across the UK, it will catalyse innovation, provide novel digital solutions to support data, including discovery, access and integration and help build capacity in the hydrological community through training and skills sharing.

Further information can be found at: <https://fdri.org.uk/>

3. Asset Management System key features

The following features are provided to give an indication to the market for the likely requirements for the AMS. Requirements are subject to change in the RFP.

- **Asset and Inventory Management:** Comprehensive tracking of asset status, calibrations, condition, and expected lifetime.
- **Accessible Asset Information:** Improved access to up-to-date asset and asset management information by wider systems within the organisation for improved for integration.
- **Maintenance Tracking:** Management of service and calibration records, planned preventative maintenance (PPM), and reactive maintenance (RM).
- **Operational Efficiency:** Streamlined issue tracking, cost management, and enhanced asset availability information.
- **Quality Assurance:** Improved traceability of observational data and asset audit systems.
- **Security:** Robust security measures to protect data integrity and confidentiality.

Assets include field instrumentation used to capture data and laboratory equipment.

Specific restrictions (not limited):

- Provider must be accredited with ISO 27001 Information Security Management.
- Must meet the requirements set out by Cyber Essentials Plus for data storage and management

4. Timeline

The procurement process will commence with the publication of this PIN and will follow the timeline outlined below:

Estimated Tender Publication: 1st May 2025

Estimated Contract Award: 1st August 2025

Estimated Implementation Start: 1st September 2025

Please note that these are estimated dates and could be subject to change.

5. Contact information

Contact Information: For further information and to express interest in this opportunity, please contact: Sharon Watkin – shawat@ceh.ac.uk, procurement@ceh.ac.uk .