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Planning

Continuous River Monitoring

United Utilities Water Limited

F04: Periodic indicative notice – utilities

Periodic indicative notice only

Notice identifier: 2022/S 000-032621

Procurement identifier (OCID): ocids-h6vhtk-03860f

Published 17 November 2022, 12:07pm

Section I: Contracting entity

I.1) Name and addresses

United Utilities Water Limited

Lingley Mere Business Park

Warrington

WA5 3LP

Contact

Jack Bate

Email

jack.bate@uuplc.co.uk

Telephone

+44 7771396216

Country

United Kingdom

Region code

UKD - North West (England)

National registration number

02366678

Internet address(es)

Main address

<http://www.unitedutilities.com>

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/43984>

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.6) Main activity

Water

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Continuous River Monitoring

Reference number

Continuous River Monitoring

II.1.2) Main CPV code

- 71700000 - Monitoring and control services

II.1.3) Type of contract

Services

II.1.4) Short description

Water companies have a duty under Section 82 of the Environment Act to protect the environment from the effects of discharges from storm overflows and wastewater treatment works. Water companies are required to monitor the quality of water potentially affected by, upstream and downstream, discharges from these assets. This requires the monitoring of the following parameters:

- (a) levels of dissolved oxygen,
- (b) temperature and pH values,
- (c) turbidity,
- (d) levels of ammonia, and
- (e) anything else specified in regulations made by the Secretary of State.

These measurements will typically be made in rivers and/or a local measurement kiosk and we would request evidence for the equipment operating in such an environment both during routine operation and under exceptional conditions such as storms. 3rd party validation of sensor monitoring technology would be of interest at this stage.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 32441200 - Telemetry and control equipment
- 38810000 - Industrial process control equipment
- 45315300 - Electricity supply installations
- 50000000 - Repair and maintenance services
- 50410000 - Repair and maintenance services of measuring, testing and checking apparatus
- 51100000 - Installation services of electrical and mechanical equipment
- 51210000 - Installation services of measuring equipment
- 51230000 - Installation services of testing equipment
- 51900000 - Installation services of guidance and control systems
- 71700000 - Monitoring and control services
- 90733100 - Surface water pollution monitoring or control services

II.2.3) Place of performance

NUTS codes

- UKD - North West (England)

II.2.4) Description of the procurement

Water companies have a duty under Section 82 of the Environment Act to protect the environment from the effects of discharges from storm overflows and wastewater treatment works. Water companies are required to monitor the quality of water potentially affected by, upstream and downstream, discharges from these assets. This requires the monitoring of the following parameters:

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(b) temperature and pH values,

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(e) anything else specified in regulations made by the Secretary of State.

These measurements will typically be made in rivers and/or a local measurement kiosk and we would request evidence for the equipment operating in such an environment both during routine operation and under exceptional conditions such as storms. 3rd party validation of sensor monitoring technology would be of interest at this stage.

The application also requires the functionality to achieve the following:

- Continuously monitor and log data (every 15 minutes)
- Provide a telemetry interface and a public facing portal which can display values in near real time and provide reporting capabilities

United Utilities operate approximately 2300 Combined Sewer Overflows and 575 Waste Water Treatment works which are impacted by this new requirement.

United Utilities are looking for indicative costs, per installation, based on the following procurement routes:

- Supply of instrumentation
- Design, build and installation of instrumentation sampling kiosks
- Service and maintenance of the above
- Provision, management and administration of telemetry and a web based portal for the above

Instrumentation and the monitoring arrangement shall be suitable for monitoring the required parameters in an appropriate range for the application. Solutions may be based on multi-parameter sondes, wet chemistry analysers or a combination of both.

We require 2 installation solutions:

For PR24 planning pumped kiosk-based systems should be used.

In-situ suitcase systems should be the option where it is known that a pumped kiosk installation is infeasible and will remain infeasible in future.

Need to understand:

Proposed solutions

Costs

Interest to provide or ability to provide all elements associated

Risks

Volume supply capacity per month/year

Accuracy/Uncertainty

Repeatability

Maintenance intervals

We require interested parties to work with Defra and regulators to establish an accredited quality system for the calibration and maintenance of real time continuous water quality monitors. Further detail on governance and assurance requirements is expected in the technical guidance and implementing legislation. For PR24 planning a need to comply with an industry-wide accreditation process (such as MCERTS) should be accounted for which will likely require product certification prior to use.

II.2.14) Additional information

Please look through all of the documentation attached to this competition. All information should be available on EU Supply including all attachments.

II.3) Estimated date of publication of contract notice

4 November 2025

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No

Section VI. Complementary information

VI.3) Additional information

Please read all attachments to this opportunity and respond to the questions within the United Utilities Continuous River Monitoring PIN Questions document. This can be in any form required.