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Planning

Wastewater Nitrous Oxide in Liquid Sensors and Controllers

UNITED UTILITIES WATER LIMITED

UK3: Planned procurement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-028704

Procurement identifier (OCID): ocds-h6vhtk-052978

Published 30 May 2025, 11:04am

Scope

Description

UU are looking to source sensor equipment capable of detecting & measuring Nitrous Oxide in liquid.

The requirement of detection in liquid is fundamental to this product; sensors for gas state do not meet this requirement.

UU are looking for 120 sensors for immediate requirement, along with appropriate fitments, controllers, pipe mounting equipment, cabling and calibration kits. The initial requirement should also include consumables to run the sensors for 12 months. Our research shows probe heads have a usable lifespan of 6 months. There will likely be an ongoing requirement for spares and consumables for 5 years.

Our market intelligence leads us to the conclusion there is only 1 suitable product on the market currently, from Unisense, shown here: <https://unisense-environment.com/products/n2o-wastewater-sensor/>

We are expecting the cost to come in at approximately £1M based on the product set from Unisense over 12 months. With a consumables requirement of a further £1M over the following 4 years.

This notice is designed to test our sourcing intelligence with the market for competing product availability.

Commercial tool

Establishes a framework

Total value (estimated)

- £2,000,000 excluding VAT
- £2,400,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 September 2025 to 31 August 2030
- 5 years

Main procurement category

Goods

CPV classifications

- 38344000 - Pollution-monitoring devices
- 38431100 - Gas-detection apparatus
- 38810000 - Industrial process control equipment

Contract locations

- UK - United Kingdom

Framework

Maximum number of suppliers

1

Maximum percentage fee charged to suppliers

0%

Award method when using the framework

Without competition

Contracting authorities that may use the framework

Establishing party only

Submission

Publication date of tender notice (estimated)

1 July 2025

Enquiry deadline

7 July 2025, 11:59pm

Submission type

Requests to participate

Deadline for requests to participate

31 July 2025, 11:59pm

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

31 August 2025

Procedure

Procedure type

Competitive flexible procedure

Special regime

Utilities

Contracting authority

UNITED UTILITIES WATER LIMITED

- Companies House: 02366678
- Public Procurement Organisation Number: PVVB-5589-BWHX

Haweswater House, Lingley Green Avenue

Great Sankey

WA5 3LP

United Kingdom

Contact name: Chris England

Email: christopher.england@uuplc.co.uk

Region: UKD61 - Warrington

Organisation type: Private utility