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Award

Sewer Network Monitoring Sensors

ANGLIAN WATER SERVICES LIMITED

UK6: Contract award notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-055662

Procurement identifier (OCID): ocds-h6vhtk-04eb5a ([view related notices](#))

Published 11 September 2025, 9:54am

Scope

Reference

PA 2024 1234

Description

Anglian Water Services (AWS) Limited intends to award multiple framework agreement(s) for the supply of battery powered sewer level monitoring devices and sewer derived flow level monitoring devices with communications to cloud based data centre via MQTT or HTTPS being utilised if MQTT is not available. It is estimated that Anglian Water may require the supply of circa 50-60,000 such devices over AMP8 (2025 - 2030). Delivery will be required to any location within the Anglian Water region.

Provision of a platform to visualise data produced by the devices and metadata must be included. Provision of data and licensing must be also included for the life of the devices.

Provision of a 3rd party visualisation and analytical tool / platform to ingest API link data is outside the scope.

On-site services such as installation and maintenance will be carried out by Anglian Water

or a 3rd party delivery route and are therefore also outside the scope of this framework.

All monitoring sensor devices must be suitable for deployment within the sewer network. Bidders must be mindful of the harsh environments that these monitoring sensor devices will be installed in.

The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 is a requirement for some locations within Anglian Water's sewer network.

The combined monitoring sensor device and platform solutions should support the following communications medium and protocols:

- At least one of the following primary methods of communicating back to data collection servers must be either 4G or CAT1 BIS
- Serial Comms, Bluetooth or equivalent for local use. Bluetooth must communicate through closed heavy duty (cast, ductile and / or galvanised iron) manhole covers at a range of up to 3 metres.
- Communications to cloud based data centre via MQTT or HTTPS being utilised if MQTT is not available.
- All devices must support a minimum of at least one form of fall-back safety communication protocol from the following: 4G/2G/ CAT1 BIS.
- Devices need to contain a roaming SIM that allows the SIM network to switch from one provider to another - e.g. EE to O2.

Options for external antennas should be provided. All monitoring sensor devices must have the ability to identify signal strength for installation purposes and log the signal strength at the successful transmission time.

Level data shall be exported into third party systems through REST API or file export.

The solution should comply with the following key elements of the specification:

1. 15-minute logging intervals minimum frequency (adjustable from proprietary platform)
2. Range must cover 50mm to >3000mm
3. Ability to Report on Exception. (see 4.8)
4. Minimum Twice daily dial up or exception (adjustable from proprietary platform)

5. Minimum requirement of 5-year battery life (Based on above requirements)
6. Ability to remotely apply false signal suppression
7. Continuous flow measurement principle
8. Easy to install and commissioning

Commercial tool

Establishes a framework

Contract 1

Suppliers (3)

- METASPHERE LIMITED
- TECHNOLOG LIMITED
- UDLIVE LIMITED

Contract value

- £117,000,000 excluding VAT
- £140,400,000 including VAT

Above the relevant threshold

Award decision date

9 September 2025

Date assessment summaries were sent to tenderers

11 September 2025

Standstill period

- End: 22 September 2025
- 8 working days

Earliest date the contract will be signed

23 September 2025

Contract dates (estimated)

- 1 October 2025 to 30 September 2027
- Possible extension to 30 September 2031
- 6 years

Description of possible extension:

Subject to the satisfactory performance of the Supplier(s), Anglian Water may elect at its sole discretion to extend the Agreement(s) in whole or in part by 4 further periods of one year each or for any alternative periods and not expiring later than 6 years from the Effective Date.

Main procurement category

Goods

Options

The right to additional purchases while the contract is valid.

This is a framework agreement with multiple call off contracts to be awarded over the period of the framework.

CPV classifications

- 38422000 - Level-measuring equipment

Contract locations

- UKH - East of England

Submission

Submission type

Requests to participate

Procedure

Procedure type

Competitive flexible procedure

Special regime

Utilities

Suppliers

METASPHERE LIMITED

- Companies House: 05673888
- Public Procurement Organisation Number: PZRD-2636-JYBM

Millfield

Tadworth

KT20 7TD

United Kingdom

Email: sales@metasphere.co.uk

Website: <http://www.metasphere.co.uk>

Region: UKJ26 - East Surrey

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1

TECHNOLOG LIMITED

- Companies House: 01574170
- Public Procurement Organisation Number: PDZR-8485-TTJR

Technolog House, Ravenstor Road

Matlock

DE4 4FY

United Kingdom

Email: technolog@technolog.com

Website: <http://www.technolog.com>

Region: UKF13 - South and West Derbyshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1

UDLIVE LIMITED

- Companies House: 10556479
- Public Procurement Organisation Number: PPJW-5834-PBJM

The Barn

Alton

GU34 1QL

United Kingdom

Email: info@udlive.io

Website: <https://www.udlive.io/>

Region: UKJ36 - Central Hampshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1

Contracting authority

ANGLIAN WATER SERVICES LIMITED

- Companies House: 02366656

- Public Procurement Organisation Number: PMZW-7779-DCNZ

Lancaster House Lancaster Way

Huntingdon

PE29 6XU

United Kingdom

Email: suppliersupport@anglianwater.co.uk

Region: UKH12 - Cambridgeshire CC

Organisation type: Private utility