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Tender

Wrexham Smart Towns Expansion – LoRaWAN/ IOT Sensors and Associated Hardware Framework

Wrexham County Borough Council

UK4: Tender notice - Procurement Act 2023 - view information about notice types
Notice identifier: 2025/S 000-049531
Procurement identifier (OCID): ocds-h6vhtk-0589da (view related notices)
Published 18 August 2025, 2:31pm

Scope

Reference

itt_118024; Proc-25-66

Description

Wrexham County Borough Council wish to establish a Framework for LoRaWAN IOT sensors and other associated hardware for the expansion of the Wrexham Smart Towns initiative.

The SMART Towns initiative was launched in 2022 and has proven highly successful. It is hosted within the Regeneration team at Wrexham County Borough Council (WCBC), links to the Council plan and is backed by the Welsh Government. WCBC is now seen as one of the leading authorities in the UK on implementing IOT (Internet of Things) sensors to obtain data to help the Council make better informed decisions. These sensors obtain data sets such as footfall, dwell time, air quality and traffic data etc. Progress has seen some key benefits to the local authority, including the ability to make efficiencies. The use of moisture sensors within the city centre has provided data that ensures the local authority embeds a smarter way of working, as it only has to water necessary plant beds.

The authority is now looking to expand on the success of the pilots and explore more possible projects, such as flood monitoring (flood risk team), air quality (open spaces team), road temperature sensors to identify savings on gritting, sensors to highlight potential savings on energy, and the technology is to be introduced to parts of Social Care to ensure SMART is a way of life to ensure the safety of our residents

Please see the Invitation to Tender (ITT) document, pricing list, appendices and other supporting documents for full details of the proposed work. These have been published and are available on the eTenderWales (Bravo Solutions) online e-sourcing portal, which can be accessed through this web address: https://etenderwales.bravosolution.co.uk/. You will need to be registered as a supplier on both Sell2Wales/FTS and eTenderWales. To access and download the documents you will need to be logged into eTenderWales and search for the Invitation to Tender (ITT). You can look up the tender with the following reference: project_59662, itt_118024 - Wrexham Smart Towns Expansion – LoRaWAN/ IOT Sensors and Associated Hardware Framework. Interested suppliers may ask clarification questions though eTenderWales. If you wish to tender for the work, your tender submission will need to be uploaded though eTenderWales.

Commercial tool

Establishes a framework

Total value (estimated)

- £300,000 excluding VAT

- £360,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 27 October 2025 to 26 October 2028

- Possible extension to 26 October 2029

- 4 years

Description of possible extension:

Option to extend for an additional period of twelve months.

Options

The right to additional purchases while the contract is valid.

Pricing list for framework purchases and option to extend contract duration.

Main procurement category

Goods

CPV classifications

- 30237475 - Electric sensors

- 90730000 - Pollution tracking and monitoring and rehabilitation

- 31642400 - Detection apparatus for non-metallic objects

- 32430000 - Wide area network

- 32410000 - Local area network

- 32400000 - Networks

- 38120000 - Meteorological instruments

- 38410000 - Metering instruments

- 38420000 - Instruments for measuring flow, level and pressure of liquids and gases

- 38431000 - Detection apparatus

- 38930000 - Humidity and moisture measuring instruments

- 38344000 - Pollution-monitoring devices

- 38340000 - Instruments for measuring quantities

- 72110000 - Hardware selection consultancy services

- 38430000 - Detection and analysis apparatus

- 38400000 - Instruments for checking physical characteristics

- 38290000 - Surveying, hydrographic, oceanographic and hydrological instruments and appliances

Contract locations

- UKL23 - Flintshire and Wrexham

Framework

Maximum number of suppliers

3

Maximum percentage fee charged to suppliers

0%

Further information about fees

N/A

Justification for framework term over 4 years

The Wrexham SMART Towns initiative is anticipated to run over a number of years and hardware will need to be purchased for different projects and phases over that time.

Framework operation description

Upon conclusion of the tender assessment, the scores for 'price' and 'quality' will be combined to give a total score out of 100 points. The Tenderer with the highest overall score will be ranked number 1, the Tenderer with the second highest score ranked number 2, and the Tenderer with the third highest score ranked number 3. Tenderers with the fourth highest and lower scores will not be awarded a place on the Framework. Orders for goods in the framework pricing list will initially be offered to the Contractor ranked number 1. If the number 1 ranked Contractor is unable to provide the required goods to the Council's requirements and timescales, the order for goods will be offered to the number 2 ranked Contractor, and so on. Please see the Invitation to Tender (ITT) documents and appendices available on eTenderwales for more information.

Award method when using the framework

Without competition

Contracting authorities that may use the framework

Establishing party only

Participation

Legal and financial capacity conditions of participation

Please see the Invitation to Tender (ITT) documents and appendices available on

eTenderwales.

Technical ability conditions of participation

Please see the Invitation to Tender (ITT) documents and appendices available on eTenderwales.

Particular suitability

- Small and medium-sized enterprises (SME)

- Voluntary, community and social enterprises (VCSE)

Submission

Enquiry deadline

3 September 2025, 12:00pm

Tender submission deadline

17 September 2025, 5:00pm

Submission address and any special instructions

Please see the Invitation to Tender (ITT) document, pricing list, appendices and other supporting documents for full details of the proposed work. These have been published and are available on the eTenderWales (Bravo Solutions) online e-sourcing portal, which can be accessed through this web address: https://etenderwales.bravosolution.co.uk/. You will need to be registered as a supplier on both Sell2Wales/FTS and eTenderWales.

To access and download the documents you will need to be logged into eTenderWales and search for the Invitation to Tender (ITT). You can look up the tender with the following reference: project_59662, itt_118024 - Wrexham Smart Towns Expansion – LoRaWAN/ IOT Sensors and Associated Hardware Framework. Interested suppliers may ask clarification questions though eTenderWales. If you wish to tender for the work, your tender submission will need to be uploaded though eTenderWales.

Tenders may be submitted electronically

Yes

Languages that may be used for submission

- Welsh

- English

Award decision date (estimated)

23 October 2025

Award criteria

Name	Description	Type	Weighting
Price	Price. (Please see the Invitation to Tender (ITT) documents available on eTenderwales for more information)	Price	70.00%

Name	Description	Type	Weighting
Quality	Quality. (Please see the Invitation to Tender (ITT) documents available on eTenderwales for more information)	Quality	30.00%

Other information

Payment terms

Please see the Invitation to Tender (ITT) documents, including terms and conditions, available on eTenderwales.

Description of risks to contract performance

Please see the Invitation to Tender (ITT) documents, available on eTenderwales.

Applicable trade agreements

- Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP)

- Government Procurement Agreement (GPA)

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Justification for not publishing a preliminary market engagement notice

Preliminary Market Engagement has not been undertaken before this tender process. It was not deemed necessary due to the requirements being straight forward and items in the pricing list being available on the market.

Documents

Associated tender documents

https://etenderwales.bravosolution.co.uk/

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Technical specifications to be met

https://etenderwales.bravosolution.co.uk/

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Contracting authority

Wrexham County Borough Council

• Public Procurement Organisation Number: PJHN-6516-JQNZ

Wrexham County Borough Council, Lambpit Street

Wrexham

LL11 1AR

United Kingdom

Contact name: Commissioning Procurement and Contract Management Unit

Email: procurement@wrexham.gov.uk

Website: https://www.wrexham.gov.uk/

Region: UKL23 - Flintshire and Wrexham

Organisation type: Public authority - sub-central government

Devolved regulations that apply: Wales