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Planning

Sludge Treatment Services

United Utilities Water Limited

F04: Periodic indicative notice – utilities

Periodic indicative notice only

Notice identifier: 2023/S 000-030516

Procurement identifier (OCID): ocds-h6vhtk-040c77

Published 16 October 2023, 4:51pm

Section I: Contracting entity

I.1) Name and addresses

United Utilities Water Limited

Lingley Mere Business Park

Warrington

WA5 3LP

Contact

Neil Gray

Email

Neil.Gray@uuplc.co.uk

Telephone

+447 818493992

Country

United Kingdom

Region code

UKD - North West (England)

National registration number

02366678

Internet address(es)

Main address

<https://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

Sludge Treatment Services

II.1.2) Main CPV code

- 90000000 - Sewage, refuse, cleaning and environmental services

II.1.3) Type of contract

Services

II.1.4) Short description

• United Utilities Water Ltd (UU) produces over 200,000 dry tonnes (tDS) of wastewater derived sludge per annum. • Due to sludge growth and reconfiguration of our asset base we have a need for sludge treatment services in the North of our region. • We have previously issued PINs and conducted market engagement for short term and strategic solutions for these treatment services. • This has enabled us to define the strategic sludge treatment service we want to procure from the market, which is: to outsource 45,000 tDS of sludge treatment capacity for a period of 20 years for sludge arising in the North of our region. • We will be hosting a supplier day in November to set out the details of the procurement and answer questions from potential suppliers.

Please see Complementary information section for more information.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 09000000 - Petroleum products, fuel, electricity and other sources of energy
- 09300000 - Electricity, heating, solar and nuclear energy
- 09310000 - Electricity
- 09320000 - Steam, hot water and associated products

- 42320000 - Waste incinerators
- 42996900 - Sludge-processing equipment
- 45000000 - Construction work
- 45222100 - Waste-treatment plant construction work
- 45232420 - Sewage work
- 45232421 - Sewage treatment works
- 45232422 - Sludge-treatment works
- 45252000 - Construction works for sewage treatment plants, purification plants and refuse incineration plants
- 45252100 - Sewage-treatment plant construction work
- 45252122 - Sewage digesters
- 45252130 - Sewage plant equipment
- 90400000 - Sewage services
- 90420000 - Sewage treatment services
- 90430000 - Sewage disposal services
- 90481000 - Operation of a sewage plant
- 90492000 - Sewage treatment consultancy services
- 90511000 - Refuse collection services
- 90512000 - Refuse transport services
- 90513000 - Non-hazardous refuse and waste treatment and disposal services
- 90513700 - Sludge transport services
- 90513800 - Sludge treatment services
- 90513900 - Sludge disposal services

II.2.3) Place of performance

NUTS codes

- UKD - North West (England)

II.2.4) Description of the procurement

• United Utilities Water Ltd (UU) produces over 200,000 dry tonnes (tDS) of wastewater derived sludge per annum. • Due to sludge growth and reconfiguration of our asset base we have a need for sludge treatment services in the North of our region. • We have previously issued PINs and conducted market engagement for short term and strategic solutions for these treatment services. • This has enabled us to define the strategic sludge treatment service we want to procure from the market, which is: to outsource 45,000 tDS of sludge treatment capacity for a period of 20 years for sludge arising in the North of our region. • We will be hosting a supplier day in November to set out the details of the procurement and answer questions from potential suppliers.

Please see Complementary information section for more information.

II.3) Estimated date of publication of contract notice

2 September 2024

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

United Utilities Water Ltd (UU) produces over 200,000 dry tonnes (tDS) of wastewater derived sludge per annum. Due to sludge growth and reconfiguration of our asset base we have a need for sludge treatment services in the North of our region. We have previously issued PINs and conducted market engagement for short term and strategic solutions for these treatment services, which have enabled us to define the strategic sludge treatment service we want to procure from the market.

We are looking to outsource the treatment of 45,000 tDS per year of sludge arising in the North of our region (Cumbria and Lancashire). The scope of the sludge treatment services we are procuring will be limited to the treatment of the raw sludge and the management of by-products from the treatment process. We are asking suppliers to provide this outsourced sludge treatment service on a £/tDS gate fee basis over a 20 year operational period, with suppliers providing the financing required. We want the operational period to commence before the end of AMP8.

The sludge to be treated is derived from a range of Wastewater Treatment Works (WwTW) with sludge types including Primary sludge, Secondary sludge, and Co-settled sludge (mix of primary and secondary). The raw sludge is a mix of raw, thickened liquid and cake. The wastewater treatment processes vary and include biological and chemical phosphorus removal technologies.

We want to give suppliers the flexibility to develop the most efficient solutions possible, therefore:

1. We will not specify the location or technology that the supplier must use. Suppliers can use their existing facilities, build new facilities, or use a combination of the two.
2. Whilst the supplier does not need to be co-located with our existing operations, they can use a plot within our Blackburn WwTW to develop a treatment facility.
3. We will deliver the raw sludge to the supplier and recycle BAS compliant digested sludges to land if an AD process is used. The cost of transport and recycling of sludges to land will be factored into the assessment of bids.
4. We are open to the supplier supplementing our sludge with other merchant feedstocks in order to achieve economies of scale.
5. We encourage suppliers that have solutions for a proportion of the total volume to work together to offer an aggregated service.

Following closure of the PIN we will host a supplier day in November to provide more detail for interested parties.

If you have experience in this area please provide as a minimum the following information and submit to Neil.Gray@uuplc.co.uk

1. Company Name

2. Contact details,

- Location, telephone and e-mail address
- Main point of contact and position in Company

3. Details of your company's core skills in relation to the services outlined in the notice

- Services offered
- Example projects / services