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Planning

Net Zero Site - Ephyra

SEVERN TRENT WATER LIMITED

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-034789

Procurement identifier (OCID): ocids-h6vhtk-038be1

Published 8 December 2022, 1:30pm

Section I: Contracting authority

I.1) Name and addresses

SEVERN TRENT WATER LIMITED

2 St. Johns Street

COVENTRY

CV12LZ

Contact

Matt Shenton

Email

matthew.shenton@severntrent.co.uk

Country

United Kingdom

Region code

UK - United Kingdom

Companies House

02366686

Internet address(es)

Main address

<http://www.stwater.co.uk>

Buyer's address

<http://discovery.ariba.com/rfx/14846437>

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<http://discovery.ariba.com/rfx/14846437>

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Other type

Utility

I.5) Main activity

Other activity

Utility

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Net Zero Site - Ephyra

Reference number

<http://discovery.ariba.com/rfx/14846437>

II.1.2) Main CPV code

- 45252122 - Sewage digesters

II.1.3) Type of contract

Works

II.1.4) Short description

1. Introduction & Background

1.1 Severn Trent Water Company Profile

Severn Trent Water Ltd (Severn Trent) serves over eight million people in the heart of the UK, supplying nearly two billion litres of drinking water a day to the highest standards in Europe. Severn Trent take away used water and treats it at over 1,000 sewage works and put it safely back into rivers and streams.

Severn Trent operates in an area of more than 21,000 square kilometres, stretching from the Bristol Channel to the Humber estuary and along the Welsh boarder to the East Midlands.

This area takes in the basins of the rivers Severn and Trent, from which the company derives its name, and includes Birmingham and ten other major industrial cities.

For further information on Severn Trent and Procurement including detail of the company structure and area of operation please visit our web site www.stwater.co.uk

1.2 Severn Trent Water and its Supply Chain

- Severn Trent aim to transform one of our large wastewater treatment works into the first net carbon neutral wastewater treatment works in the UK by the End of March 2024.

- We will achieve this by installing a combination of innovative technologies that will reduce, remove or offset carbon emissions.

Severn Trent would like to obtain support from the market to understand what Technologies currently exists under the following targeted Net Zero areas:

- Reduce & Remove Technologies (RRT) aligned to the Project or Intervention Accounting: Quantified GHG emissions reduction or removal impacts of projects or interventions which are credited for GHG claims to be transferred between entities
- Circular Economy Technologies (CET) aligned to both the above and Inventory Accounting: Emissions and removals in the GHG inventory. These occur in a company's operations and value chain (Reduce/Remove of Scope 1, 2, 3)

Within these targeted areas STW has identified the following type of Technology which we may wish to implement on the Net Zero site.

This document details the PIN Notice process we are conducting and guidance for engagement during this process.

PLEASE NOTE THAT THIS IS NOT A CALL FOR COMPETITION

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

CET Desired Technology - EPHYRA

1. Required Outputs of Technology

1.1 Reconfiguration of digesters (post-Thermal Hydrolysis Process) to plug flow digestion which will lead to improved volatile solids break down and biogas yield and hence biogas production.

1.2 Increased VS and DS destruction which reduces downstream methane emissions and

means less sludge requiring dewatering and recycling.

2. Technology Readiness Level (TRL)

2.1 Technology must currently be between = or > TRL 8

3. Technology - Contracted & Delivered on site

3.1 Technology must be capable of being installed and operational on site by the End of March 2024

1.4 Supplier Interest

Suppliers who feel that they can meet the requirements of the desired Technology should provide written confirmation via SAP Ariba that they can meet the following requirements:

1. Technology Outputs

2. Meet the TRL level

3. Technology could be installed and operational on site by the End of March 2024

Severn Trent will evaluate the written confirmation, before requesting further information & evidence from the supplier to further validate the supplier confirmation.

Following the conclusion of the PIN notice Severn Trent may, at its discretion run a full procurement exercise. Please note that there will be no obligation on Severn Trent to launch such an exercise nor does participation in this PIN notice guarantee that Severn Trent will enter into any contractual relationship with any individual companies.

1.5 Indicative Timetable

Key dates within this process are shown below:

- Prior Information Notice launch- 12/12/2022
- Deadline for suppliers to submit a completed record of interest - noon 03/01/2023

All dates are indicative only and may be subject to change where necessary.

1.6 Queries & Contact Information

All queries about this process must be submitted via SAP Ariba

Any communication attempt made by a supplier that is not made via SAP Ariba eSourcing messaging tool will not be responded to.

PLEASE NOTE THAT THIS IS NOT A CALL FOR COMPETITION

II.3) Estimated date of publication of contract notice

9 December 2022

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