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Planning

## **Net Zero Site - Ammonia Recovery**

SEVERN TRENT WATER LIMITED

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-034768

Procurement identifier (OCID): ocds-h6vhtk-038bd0

Published 8 December 2022, 12:09pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

SEVERN TRENT WATER LIMITED

2 St. Johns Street

COVENTRY

CV12LZ

#### **Email**

[matthew.shenton@severntrent.co.uk](mailto:matthew.shenton@severntrent.co.uk)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

#### **Companies House**

02366686

**Internet address(es)**

Main address

[www.stwater.co.uk](http://www.stwater.co.uk)

Buyer's address

<http://discovery.ariba.com/rfx/14845866>

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Other type

Utilities

**I.5) Main activity**

Other activity

Utilities

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

Net Zero Site - Ammonia Recovery

Reference number

<http://discovery.ariba.com/rfx/14845866>

**II.1.2) Main CPV code**

- 42912350 - Filtration plant equipment

### **II.1.3) Type of contract**

Supplies

### **II.1.4) Short description**

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 border 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](http://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 - AMMONIA RECOVERY

Required Outputs of Technology

Ammonia recovery from sludge liquors by steam stripping and rectification

1.2 N2O emissions reduction

1.3 Generates 15-20% ammonium hydroxide product

Technology Readiness Level (TRL)

Technology must currently be = or > TRL 6

Technology - Contracted & Delivered on site

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:

## Technology Outputs

Meet the TRL level

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- 09/12/2022

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.

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## **II.3) Estimated date of publication of contract notice**

9 December 2022

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## **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