

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/020231-2021>

Planning

## **Use of low carbon, carbon-neutral, or carbon negative concrete in order to reduce embodied carbon**

SEVERN TRENT WATER LIMITED

Severn Trent Water

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-020231

Procurement identifier (OCID): ocids-h6vhtk-02d676

Published 18 August 2021, 3:29pm

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

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

SEVERN TRENT WATER LIMITED

2 S Johns Street

COVENTRY

CV1 2LZ

#### **Contact**

Ben Beede

#### **Email**

[Ben.beebe@severntreant.co.uk](mailto:Ben.beebe@severntreant.co.uk)

#### **Telephone**

+44 7976858398

**Fax**

+44 7976858398

**Country**

United Kingdom

**NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

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

Buyer's address

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

**I.1) Name and addresses**

Severn Trent Water

2 St Johns Street

Coventry

CV1 2LZ

**Contact**

Ben Beebe

**Email**

[Ben.Beebe@severntrent.co.uk](mailto:Ben.Beebe@severntrent.co.uk)

**Telephone**

+44 7976858398

**Fax**

+44 7976858398

**Country**

United Kingdom

**NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

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

Buyer's address

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

**I.2) Information about joint procurement**

The contract involves joint procurement

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

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

Body governed by public law

**I.5) Main activity**

Other activity

use of low carbon, carbon-neutral, or carbon negative concrete in order to reduce embodied carbon

---

## **Section II: Object**

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

#### **II.1.1) Title**

Use of low carbon, carbon-neutral, or carbon negative concrete in order to reduce embodied carbon

#### **II.1.2) Main CPV code**

- 44000000 - Construction structures and materials; auxiliary products to construction (except electric apparatus)

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

Supplies

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

To research and explore low carbon, carbon-neutral, or carbon negative concrete in order to reduce embodied carbon.

If there are products currently in development that meets these requirements, we may be interested to understand the technologies and their respective timelines.

#### **II.1.5) Estimated total value**

Value excluding VAT: £0.01

#### **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

Main site or place of performance

Within the Utilities service delivery area

#### **II.2.4) Description of the procurement**

To research and explore low carbon, carbon-neutral, or carbon negative concrete in order to reduce embodied carbon.

If there are products currently in development that meets these requirements, we may be interested to understand the technologies and their respective timelines.

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

19 August 2021

---

### **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

Severn Trent Water and Hafren Dyfrdwy (the Utilities) are seeking to publish a PIN notice and conduct a soft market testing exercise as permitted by regulations 58 and 59 of the Utilities Contracts Regulations 2016 to understand the opportunity to research and explore the use of low carbon, carbon-neutral, or carbon negative concrete in order to reduce embodied carbon. Concrete is commonly used throughout the utilities capital programme, which has a total budget of £2.5bn for 2020-2025.

The Utilities would like to further understand the use of accelerated carbon curing in conjunction with the potential use of cementitious replacements, either partial or complete. The Utilities are interested in technology/methods that can be retrofitted to our existing supply chain's concrete production sites.

Specification/Technical Requirements:

- Low carbon, carbon-negative or carbon-neutral
- Meets or exceeds strength in comparison to conventional concrete
- Meets or exceeds durability in comparison to conventional concrete

The Utilities would also like to understand the current uses of the concrete, any future potential uses that may be in development, alongside limitations of the material compared to conventional concrete.

If there are products currently in development that meets these requirements, we may be interested to understand the technologies and their respective timelines.

Thank you