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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): ocds-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

Telephone

+44 7976858398

Fax

+44 7976858398

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

www.stwater.co.uk

Buyer's address

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

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Severn Trent Water

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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