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Tender

West Central Bio-Resource

Scottish Water

F05: Contract notice – utilities

Notice identifier: 2024/S 000-031884

Procurement identifier (OCID): ocds-h6vhtk-04a5e5

Published 4 October 2024, 12:33pm

Section I: Contracting entity

I.1) Name and addresses

Scottish Water

6 Buchanan Gate

Glasgow

G33 6FB

Contact

Eddie Steedman

Email

eddie.steedman@scottishwater.co.uk

Telephone

+44 1414830191

Country

United Kingdom

Region code

UKM - Scotland

Justification for not providing organisation identifier

Not on any register

Internet address(es)

Main address

<https://www.scottishwater.co.uk/>

I.3) Communication

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

https://atamis-scottishwater.my.salesforce-sites.com/ProSpend__CS_PublicLandingPage?SearchType=Projects

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

https://atamis-scottishwater.my.salesforce-sites.com/ProSpend__CS_PublicLandingPage?SearchType=Projects

Tenders or requests to participate must be submitted to the above-mentioned address

I.6) Main activity

Water

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

West Central Bio-Resource

Reference number

SW25/CDC/1477

II.1.2) Main CPV code

- 45252127 - Wastewater treatment plant construction work

II.1.3) Type of contract

Works

II.1.4) Short description

In accordance with its bioresource strategy, Scottish Water (SW) is developing a project to create a new major bioresource processing facility (utilising thermal hydrolysis Advanced Anaerobic Digestion (AAD) technology - Cambi) to process circa 85,000 tonnes dry solids (tds) Per Annum at a location in the central belt of Scotland.

The new asset will produce a class A bioresource product suitable for recycling to agricultural land, maximise energy recovery and reduce the energy usage, carbon footprint and operating costs of bioresource treatment.

SW is currently working on the design for this project with framework consultants and engaging with the AAD technology provider Cambi to assist in the design. SW is seeking to appoint Contractors with experience of delivering and commissioning AAD plants.

The planned construction site start date is April 2027. The estimated value is in the range of 265 000 000 to 415 000 000 GBP (based on 2024 prices). Determining the most cost-effective design is a key aspect of the project.

Scottish Water will consider Consortium, Joint Venture and other arrangements, in relation to this opportunity.

II.1.5) Estimated total value

Value excluding VAT: £415,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 45200000 - Works for complete or part construction and civil engineering work
- 45350000 - Mechanical installations

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

Main site or place of performance

Scotland central belt

II.2.4) Description of the procurement

At present, there are numerous sludge treatment centres (STCs) across Scotland which deploy a range of technologies including Advanced Anaerobic Digestion (AAD), Anaerobic Digestion (AD), liming, thermal drying and dewatering. With the return of the Private Finance Initiative (PFI) sites back to Scottish Water ownership over the next decade, Scottish Water is seeking to create a bioresource treatment asset base that will produce a Class A bioresource product suitable for recycling to agricultural land, maximise energy recovery and reduce the energy usage, carbon footprint and operating costs of bioresource treatment. To meet these aspirations and provide best overall customer value, Scottish Water has identified a need to rationalise the number of existing STCs across the country and construct strategically located energy centres employing thermal hydrolysis AAD Cambi technology.

This project covers the energy centre proposed for the West Central region, treating bioresource from Greater Glasgow and Central Scotland with a projected average throughput to 2040 of 85,000tDS/yr. Daldowie has been selected as the preferred location for the proposed energy centre. The existing PFI asset was designed in the late 1990s and is the current strategic STC for Greater Glasgow. The STC currently uses thermal drying technology and receives feedstock from the region's largest Waste Water Treatment Works (WwTWs) via the Greater Glasgow Sludge Main (GGSM) and road imports.

Land adjacent to the existing Daldowie site would need to be acquired for the installation

of the proposed energy centre. Land purchase and planning discussions are ongoing with Glasgow City Council however, should Daldowie become unfeasible as the proposed location, an alternative greenfield location will be considered instead.

Scottish Water intends to implement a phased approach for Contractor engagement for this project, incorporating the following phases: -

- Phase 1 - Early Contractor Involvement
- Phase 2 - Design, Build and Commission

This Pre-Qualification Questionnaire (PQQ)/ Invitation to Negotiate (ITN) covers Phase 1 and is to undertake Early Contractor Involvement (ECI) activities to progress the design of the proposed energy centre to Gate 80 (design sufficiently progressed to allow development of target cost), considering buildability, commissioning, operation and maintenance aspects of the proposals. Scottish Water aims to appoint Contractor(s) to assist in the ECI phase, during which the ECI Contractor(s) are expected to collaborate with each other as well as the Design Consultant, the designated technology provider (Cambi) and Scottish Water to develop an agreed design for the project. The ECI Contractor(s) are expected to work with Scottish Water's Customer Service Delivery (CSD) teams to ensure buildability, commissioning, operation and maintenance are considered throughout the design, and Specialist Services Delivery (SSD) teams to understand and manage third party risks and provide information to support SSD Screening Report requests and third party applications.

Once the Gate 70/ 80 design deliverables are finalised, a design freeze will take place, following which the ECI Contractor(s) may be asked to provide a price and tender submission for Phase 2 Design & Build. Once the tenders have been reviewed, a Contractor may be appointed to undertake the agreed Phase 2 activities relating to the design, build and commissioning of the proposals to project acceptance. The appointed Contractor may decide whether to progress with the Design Consultant to continue as design support beyond Gate 80, or to engage an alternative consulting partner at this phase.

Further information is available within the Scope Document uploaded to Atamis in connection with this opportunity.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £415,000,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

96

This contract is subject to renewal

Yes

Description of renewals

Option to extend for a further 2 x 12 month periods, subject to the sole discretion of Scottish Water.

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 1

Maximum number: 6

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.14) Additional information

This opportunity can be accessed through this link https://atamis-scottishwater.my.salesforce-sites.com/ProSpend__CS_PublicLandingPage?SearchType=Projects

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement documents

III.1.4) Objective rules and criteria for participation

List and brief description of rules and criteria

See procurement documents for further information.

III.1.6) Deposits and guarantees required

Scottish Water reserves the right to require deposits, guarantees, deposits, bonds or other forms of appropriate security.

III.1.7) Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them

All prices quoted shall be Sterling (UK) and all payments shall be made in Sterling (UK). Payment shall be made on the basis of completed services in accordance with the agreed contract rates, schedules and conditions of contract.

III.1.8) Legal form to be taken by the group of economic operators to whom the contract is to be awarded

In the event of a group of companies submitting an accepted offer, it will be necessary for each member of the group to sign an undertaking that each group member will be jointly and severally liable for the satisfactory performance of the contract

III.2) Conditions related to the contract

III.2.2) Contract performance conditions

See Procurement Documents for further information.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated procedure with prior call for competition

IV.1.3) Information about a framework agreement or a dynamic purchasing system

The procurement involves the establishment of a framework agreement

Framework agreement with several operators

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

18 November 2024

Local time

9:00am

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3) Additional information

o view this opportunity, please click this link: https://atamis-scottishwater.my.salesforce-sites.com/ProSpend_CS_PublicLandingPage?SearchType=Projects

VI.4) Procedures for review

VI.4.1) Review body

Glasgow Sheriff Court

1 Carlton Place

Glasgow

G5 9DA

Country

United Kingdom

VI.4.2) Body responsible for mediation procedures

Scottish Water

6 Buchanan Gate

Glasgow

G33 6FB

Country

United Kingdom