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Tender

NW2676 - Stream Data Portal

NORTHUMBRIAN WATER GROUP LIMITED

F05: Contract notice – utilities

Notice identifier: 2023/S 000-026943

Procurement identifier (OCID): ocds-h6vhtk-03fc08

Published 12 September 2023, 1:16pm

Section I: Contracting entity

I.1) Name and addresses

NORTHUMBRIAN WATER GROUP LIMITED

Northumbria House, Abbey Road, Pity Me

DURHAM

DH15FJ

Contact

Andriy Volkov

Email

andriy.volkov@nwl.co.uk

Country

United Kingdom

Region code

UKC14 - Durham CC

Companies House

02366703

Internet address(es)

Main address

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

I.3) Communication

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

<https://s1.ariba.com>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://s1.ariba.com>

I.6) Main activity

Water

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

NW2676 - Stream Data Portal

Reference number

NW2676

II.1.2) Main CPV code

- 48000000 - Software package and information systems

II.1.3) Type of contract

Supplies

II.1.4) Short description

Stream is a high profile, ambitious, sector-wide initiative with a mission to enable a scalable, repeatable approach to Open Data in Water.

Working as a collective comprised of 11 water companies and 5 partner organisations, Stream has already worked through a Blueprint phase to define the strategy and co-create an open data framework for the sector.

In early 2023 Stream was successful in securing further funding from the Ofwat Water Breakthrough Challenge Transform stream to support the Implementation phase and establish Stream as an operational open data platform for the water sector.

The implementation phase consists of an initial 10-month delivery stage to enable Stream to deliver both a Minimum Viable Product (MVP) in December 2023 and 'Day-1' of the industrialised platform in Spring 2024.

Following the launch of the 'Day-1' platform, Stream will then focus on publishing additional open datasets to enable more complex use cases and develop additional user functionality. Stream will also develop a business plan to identify and develop new revenue models that will support the transition to a sustainable operating model after the current 2-year funding phase, hence the contract is 2 years (+2+1 years to extend; up to 5 years in total).

Stream aims to bring benefits to the water sector and beyond by establishing a widely

accessible open data platform and associated governance and data standards, with a vision to unlock the potential of water data to benefit customers, society, and the environment.

As part of the implementation plan, there is a requirement to procure a data sharing platform capable of enabling the easy publication of data in both a centralised and decentralised manner as well as enabling data re-users to easily search, understand and access those datasets and share their findings to stimulate further innovation. By centralised we mean data uploaded to a central repository within the platform, while decentralised data will be data hosted by the individual companies, but still discoverable via the centralised search and data catalogue. We expect the centralised data to be mainly smaller volume, and less frequently updated, while more real time datasets are likely to follow the decentralised model. The platform must also enable both the sharing of fully open, public and shared data (as defined by the ODI Open Data Spectrum) and therefore will need to accommodate appropriate access controls under a range of licence types.

The data sharing platform shall form part of the scalable open data framework.

The platform will need to support the achievement of the following benefits across the water sector and beyond:

- Transparency with simpler regulation
- Collaboration becomes the default
- More engagement with stakeholders and innovators
- Simple experience for users, with a single interface
- Quicker to share innovation and best practice
- More efficient water companies and lower bills
- Improved data based decisions and better performance

The successful platform (solution) vendor shall have the following capabilities:

- Provide a robust project plan that demonstrates how an effective implementation can be achieved in a short timeframe (4-6 weeks)
- Provide a clear and realistic roadmap for the platform to demonstrate ongoing development and response to user feedback.

- Have a clear and easily understandable licence/pricing model that enables cost transparency and control by the client
- Ability to conform with the non-functional requirements
- Provide a good fit with the specified functional requirements with the minimum of customisation
- Demonstrate good client relationship management including robust support and maintenance arrangements
- Demonstrate how client lock-in is avoided by facilitating migration to another platform in the future
- Demonstrate a commitment to driving and facilitating the open data agenda and demonstrate experience of having successfully implemented similar with other clients

II.1.5) Estimated total value

Value excluding VAT: £1,350,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 48700000 - Software package utilities
- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Stream is a high profile, ambitious, sector-wide initiative with a mission to enable a scalable, repeatable approach to Open Data in Water.

Working as a collective comprised of 11 water companies and 5 partner organisations, Stream has already worked through a Blueprint phase to define the strategy and co-

create an open data framework for the sector.

In early 2023 Stream was successful in securing further funding from the Ofwat Water Breakthrough Challenge Transform stream to support the Implementation phase and establish Stream as an operational open data platform for the water sector.

The implementation phase consists of an initial 10-month delivery stage to enable Stream to deliver both a Minimum Viable Product (MVP) in December 2023 and 'Day-1' of the industrialised platform in Spring 2024.

Following the launch of the 'Day-1' platform, Stream will then focus on publishing additional open datasets to enable more complex use cases and develop additional user functionality. Stream will also develop a business plan to identify and develop new revenue models that will support the transition to a sustainable operating model after the current 2-year funding phase, hence the contract is for 2 years (+2+1 years to extend; up to 5 years in total).

Stream aims to bring benefits to the water sector and beyond by establishing a widely accessible open data platform and associated governance and data standards, with a vision to unlock the potential of water data to benefit customers, society, and the environment.

As part of the implementation plan, there is a requirement to procure a data sharing platform capable of enabling the easy publication of data in both a centralised and decentralised manner as well as enabling data re-users to easily search, understand and access those datasets and share their findings to stimulate further innovation. By centralised we mean data uploaded to a central repository within the platform, while decentralised data will be data hosted by the individual companies, but still discoverable via the centralised search and data catalogue. We expect the centralised data to be mainly smaller volume, and less frequently updated, while more real time datasets are likely to follow the decentralised model. The platform must also enable both the sharing of fully open, public and shared data (as defined by the ODI Open Data Spectrum) and therefore will need to accommodate appropriate access controls under a range of licence types.

The data sharing platform shall form part of the scalable open data framework, developed by Stream to enable innovators and other data re-users to use data to address key water sector challenges, such as the examples below:

- Preventing environmental incidents;
- Reducing absolute carbon emissions associated with water extraction, use, and treatment;

- Bringing down the cost of water, particularly for the most vulnerable customers;
- Catalysing innovation and new ways of working across the sector

The platform will need to support the achievement of the following benefits across the water sector and beyond:

- Transparency and openness with simpler regulation
- Collaboration becomes the default
- More engagement with stakeholders and innovators
- Simple experience for users, with a single interface and set of legal agreements
- Quicker to share Innovation, research and best practice
- More efficient water companies and lower bills
- Improved data based decisions and better performance

The successful platform (solution) vendor shall have the following capabilities:

- Provide a robust project plan that demonstrates how an effective implementation can be achieved in a short timeframe (4-6 weeks)
- Provide a clear and realistic roadmap for the platform to demonstrate ongoing development and response to user feedback.
- Have a clear and easily understandable licence/pricing model that enables cost transparency and control by the client
- Ability to conform with the non-functional requirements
- Provide a good fit with the specified functional requirements with the minimum of customisation
- Demonstrate good client relationship management including robust support and maintenance arrangements
- Demonstrate how client lock-in is avoided by facilitating migration to another platform in the future
- Demonstrate a commitment to driving and facilitating the open data agenda and

demonstrate experience of having successfully implemented similar with other clients

Note: The funding available is for 2 years (including implementation), hence any proposed contract award is for 2 years (with options to extend for 2+1 years; up to 5 years in total). Therefore, the estimated values of £1,350,000 stated in Sections II1.5 and II2.6 reflect the full five (5) year period of contract.

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: £1,350,000

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

Duration in months

60

This contract is subject to renewal

Yes

Description of renewals

for up to 36 months

II.2.10) Information about variants

Variants will be accepted: Yes

II.2.11) Information about options

Options: Yes

Description of options

for up to 36 months

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions

Selection criteria as stated in the procurement documents.

III.1.2) Economic and financial standing

List and brief description of selection criteria

Selection criteria as stated in the procurement documents.

III.1.3) Technical and professional ability

List and brief description of selection criteria

Selection criteria as stated in the procurement documents.

III.1.6) Deposits and guarantees required

If the Dunn and Bradstreet credit rating returns a rating of 'above average risk' or 'high risk', the contracting entity will request further financial information for review and a parent company guarantee may be required.

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

Please see the terms and conditions in the procurement documents.

III.2) Conditions related to the contract

III.2.2) Contract performance conditions

These will be set out in the tender documents.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated procedure with prior call for competition

IV.1.4) Information about reduction of the number of solutions or tenders during negotiation or dialogue

Recourse to staged procedure to gradually reduce the number of solutions to be discussed or tenders to be negotiated

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

The procurement is covered by the Government Procurement Agreement: No

IV.2) Administrative information

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

Date

27 September 2023

Local time

3:00pm

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

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Tender must be valid until: 31 January 2024

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

Applicants are asked to note that this procurement process will be conducted electronically with all documents and communication being managed through the Northumbrian Water eSourcing Spend Management portal called 'Ariba'. Expressions of interest must be sent to the e-mail address andriy.volkov@nwl.co.uk before the deadline date of the 27th September 2023 (15:00). Once expression of interest has been received that contains the details below, applicants will be given access to the Ariba portal within 48 hours from request. This portal will contain all the tender documents associated with this procurement that are available at the time. An email link will also be provided to the email address you provide to access the portal. The deadline for return of the completed PQQ is the 9th October 2023 at 12.00 noon.

When sending expression of interest, applicants must provide the following information:

- 1) Full company name;
- 2) Main contact details of the person who will be given access to the Ariba portal - name, job title, email address and telephone.

VI.4) Procedures for review

VI.4.1) Review body

TBC

tbc

Country

United Kingdom