

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/007617-2021>

Contract

C1081 - Hydrogen and Oxygen Ecosystem

NI Water and its subsidiaries

F06: Contract award notice – utilities

Notice identifier: 2021/S 000-007617

Procurement identifier (OCID): ocds-h6vhtk-02a532

Published 12 April 2021, 3:35pm

Section I: Contracting entity

I.1) Name and addresses

NI Water and its subsidiaries

Westland House

Belfast

BT14 6TE

Contact

alan.mcconnellniwater.com

Email

sourcing@niwater.com

Country

United Kingdom

NUTS code

UK - UNITED KINGDOM

Internet address(es)

Main address

<https://etendersni.gov.uk/epps>

Buyer's address

<https://etendersni.gov.uk/epps>

I.6) Main activity

Water

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

C1081 - Hydrogen and Oxygen Ecosystem

II.1.2) Main CPV code

- 71314000 - Energy and related services

II.1.3) Type of contract

Services

II.1.4) Short description

Northern Ireland (NI) Water would like to run an Innovation partnership approach to appoint a Partner to explore the opportunities with treated water released from NI Water's Waste Water Treatment Works (WWTWs) and whether this could be used as a feedstock to produce green hydrogen using an electrolyser. NI Water proposes to establish an Innovation Partnership to appoint a Partner for a Demonstrator Project as part of the initial phase to: • design, build, commission, operate and maintain an at-scale demonstrator for an innovative oxygen and hydrogen ecosystem at one of NI Water's wastewater works; and • support it to run live and at scale for at least 6 months. If successful, NI Water would want the option to be able to work with the Partner to develop other facilities to support the production of hydrogen to fuel a fleet of vehicles and to optimally deploy the oxygen in its wastewater treatment processes. NI Water expects this will pave the way for a business case attracting investors in a portfolio of further electrolyser opportunities across NI Water's WWTWs and Water Treatment Works (WTW) sites.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 71314300 - Energy-efficiency consultancy services
- 71314200 - Energy-management services

- 71241000 - Feasibility study, advisory service, analysis
- 71242000 - Project and design preparation, estimation of costs
- 90713100 - Consulting services for water-supply and waste-water other than for construction
- 45252127 - Wastewater treatment plant construction work
- 45259100 - Wastewater-plant repair and maintenance work

II.2.3) Place of performance

NUTS codes

- UK - UNITED KINGDOM
- UKN - NORTHERN IRELAND
- 00 - Other NUTS code

II.2.4) Description of the procurement

Northern Ireland (NI) Water would like to run an Innovation partnership approach to appoint a Partner to explore the opportunities with treated water released from NI Water's Waste Water Treatment Works (WWTWs) and whether this could be used as a feedstock to produce green hydrogen using an electrolyser. NI Water proposes to establish an Innovation Partnership to appoint a Partner for a Demonstrator Project as part of the initial phase to: • design, build, commission, operate and maintain an at-scale demonstrator for an innovative oxygen and hydrogen ecosystem at one of NI Water's wastewater works; and • support it to run live and at scale for at least 6 months. If successful, NI Water would want the option to be able to work with the Partner to develop other facilities to support the production of hydrogen to fuel a fleet of vehicles and to optimally deploy the oxygen in its wastewater treatment processes. NI Water expects this will pave the way for a business case attracting investors in a portfolio of further electrolyser opportunities across NI Water's WWTWs and Water Treatment Works (WTW) sites.

II.2.5) Award criteria

Quality criterion - Name: 1. Oxygen benefits to wastewater process / Weighting: 12%

Quality criterion - Name: 2. Hydrogen production and delivery / Weighting: 12%

Quality criterion - Name: 3. Choice of electrolyser for NI Water's needs / Weighting: 12%

Quality criterion - Name: 4. Replicable solution / Weighting: 4%

Quality criterion - Name: 5. Meeting project timescales / Weighting: 8%

Quality criterion - Name: 6. Integration at the site / Weighting: 8%

Quality criterion - Name: 7. Effective management of the Demonstrator Project / Weighting: 4%

Quality criterion - Name: 8. Right values and behaviours / Weighting: 8%

Quality criterion - Name: 9. Looking beyond the Demonstrator Project / Weighting: 8%

Quality criterion - Name: 10. Ability to find off-takers / Weighting: 2%

Quality criterion - Name: 11. Ability to attract investors / Weighting: 2%

Cost criterion - Name: Price / Weighting: 20%

II.2.11) Information about options

Options: Yes

Description of options

options to extend the contract for further period of up to 10 years beyond the initial 5 year contract period

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated procedure with prior call for competition

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.2.1) Previous publication concerning this procedure

Notice number: [2020/S 209-511893](#)

Section V. Award of contract

Contract No

1

Title

Contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

12 April 2021

V.2.2) Information about tenders

Number of tenders received: 7

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 7

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

LAGAN MEICA JV

ROSEMOUNT HOUSE

BELFAST

BT3 9HA

Email

fionnuala.mcgrenaghan@laganscg.com

Country

United Kingdom

NUTS code

- UK - UNITED KINGDOM

Internet address

<https://etendersni.gov.uk/epps>

The contractor is an SME

No

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Northern Ireland Water

Belfast

Country

United Kingdom