

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](mailto: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](mailto: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