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Planning

The Supply and Dispensing of Green Hydrogen Fuel

Glasgow City Council

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-028406

Procurement identifier (OCID): ocids-h6vhtk-03745c

Published 10 October 2022, 1:06pm

Section I: Contracting authority

I.1) Name and addresses

Glasgow City Council

Chief Executives Department, City Chambers

Glasgow

G2 1DU

Email

laura.moffat2@glasgow.gov.uk

Telephone

+44 1412876410

Country

United Kingdom

NUTS code

UKM82 - Glasgow City

Internet address(es)

Main address

www.glasgow.gov.uk

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00196

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Regional or local authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

The Supply and Dispensing of Green Hydrogen Fuel

Reference number

GCC005718CPU

II.1.2) Main CPV code

- 24111600 - Hydrogen

II.1.3) Type of contract

Supplies

II.1.4) Short description

The Council requires supply and dispensing of Green Hydrogen fuel as it transitions towards a low emissions fleet.

II.1.5) Estimated total value

Value excluding VAT: £575,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 24111600 - Hydrogen

II.2.3) Place of performance

NUTS codes

- UKM82 - Glasgow City

II.2.4) Description of the procurement

The Council requires supply and delivery of Green Hydrogen fuel as it transitions towards a low emissions fleet. The Hydrogen provided must be fuel cell grade meeting at least one of the following standards: SAE: J2719_20151, ISO: ISO14687:2019, grade D. Supply and dispensing of Hydrogen fuel is required no later than October 2024 from an initial supply location.

The supplier must commit to the creation of a network of local hydrogen refuelling stations to service the developing hydrogen powered fleet at agreed locations with the Council.

It is estimated the initial volume of hydrogen required is between 1,700 - 2400 kgs per week, with the increased demand expected within the life of a contract as the hydrogen powered fleet develops.

Hydrogen production must be connected directly to a renewable asset, in order to avoid costly transmission charges and ensure full advantage of Renewable Transport Fuel Certificates (RTFC's) and offer best value.

Carbon emissions related to the hydrogen delivery process must be limited, along with a zero emission transport commitment.

The supplier will ensure that fuel is available 7 days a week, 24 hours a day – subject to operational need.

The supplier will ensure that any requirement for Hydrogen fuel transport, will be in accordance with existing and future health and safety and legislative requirements. The Council requires to fill 2 vehicles concurrently and at least 10 consecutively with up to 30kg of H₂ Fuel per vehicle at 350bar and the nominated dispensing system must be able to accommodate this from the outset. It is expected that 700bar will be required as the hydrogen powered fleet develops.

The rate of fill must be less than 5 minutes where vehicle-to-HRS comms exist or 10 minutes without HRS comms, in accordance with fuel delivery Standard SAE J2601/2. Each nominated hydrogen refuelling station will be required to meet the refuelling rate of a minimum of 60g/s in accordance with Standard SAE J2601/2.

The supplier will be required to provide full training to enable drivers and supervisory staff to independently fill their vehicles.

An estimated contract value is included in this PIN notice as required but please note the anticipated increase to fleet numbers over the life of the contract.

It is anticipated the contract will be awarded for a total of 7 years

II.3) Estimated date of publication of contract notice

30 November 2022

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: Yes

Section VI. Complementary information

VI.3) Additional information

The Councils wishes to gather information that will assist in the development of a procurement strategy that will deliver a contract for the supply and dispensing of green hydrogen as described in this Prior Information Notice.

The Council is undertaking early market research to inform the procurement and to ensure industry feedback is used to shape, as appropriate, the overall strategy.

All interested organisations are therefore encouraged to provide feedback via a survey response, the link to which is noted below.

Please note, all information provided will be held in the strictest confidence and will not be shared out with the Council. All details are for information only. Whilst market feedback may be used to define the procurement strategy, it will not impact the evaluation of any future tender opportunity

<https://www.smartsurvey.co.uk/s/TheSupplyandDispensingofGreenHydrogen/>

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at

https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=708817.

(SC Ref:708817)