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Tender

## **Domestic Hydrogen Detectors**

NORTHERN GAS NETWORKS LIMITED

F05: Contract notice – utilities

Notice identifier: 2022/S 000-029416

Procurement identifier (OCID): ocds-h6vhtk-0376ee

Published 19 October 2022, 10:45am

### **Section I: Contracting entity**

#### **I.1) Name and addresses**

NORTHERN GAS NETWORKS LIMITED

1100 Century Way Thorpe Park

LEEDS

LS158TU

#### **Contact**

Andrew Christophers

#### **Email**

[achristophers@northerngas.co.uk](mailto:achristophers@northerngas.co.uk)

#### **Telephone**

+44 7510367358

#### **Country**

United Kingdom

**Region code**

UKE42 - Leeds

**Companies House**

05167070

**Internet address(es)**

Main address

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

**I.3) Communication**

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

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

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

**I.6) Main activity**

Production, transport and distribution of gas and heat

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

Domestic Hydrogen Detectors

**II.1.2) Main CPV code**

- 31620000 - Sound or visual signalling apparatus

### **II.1.3) Type of contract**

Supplies

### **II.1.4) Short description**

Northern Gas Networks are in the process of bidding to be the provider of the UK's first trial Hydrogen Village which will involve the conversion of circa 2000 homes in Northern England from Natural Gas to Hydrogen as a fuel source. The award of this project would result in the demand for approximately 2,000 - 4000 domestic hydrogen detectors.

Although the technology is available for the detection of Hydrogen NGN do not believe that such a domestic detector is available on the market and as such wishes to engage with potential manufacturers of such a device. Northern Gas Networks are looking for approx. 2-4,000 Hydrogen domestic detectors/alarms to assist in the BEIS/Ofgem led Hydrogen Village Trials that will go live from mid-2024

### **II.1.6) Information about lots**

This contract is divided into lots: No

## **II.2) Description**

### **II.2.3) Place of performance**

NUTS codes

- UKC - North East (England)

### **II.2.4) Description of the procurement**

Northern Gas Networks are in the process of bidding to be the provider of the UK's first trial Hydrogen Village which will involve the conversion of circa 2000 homes in Northern England from Natural Gas to Hydrogen as a fuel source. The award of this project would result in the demand for approximately 2,000 domestic hydrogen detectors.

For more information about this process including dates and the official bodies involved please visit: <https://redcarhydrogencommunity.co.uk/>

Although the technology is available for the detection of Hydrogen NGN do not believe that such a domestic detector is available on the market and as such wishes to engage with potential manufacturers of such a device.

Northern Gas Networks are looking for approx. 2-4,000 Hydrogen domestic detectors/alarms to assist in the BEIS/Ofgem led Hydrogen Village Trials that will go live from mid-2024

For more information on these trials please visit:

<https://www.gov.uk/government/consultations/hydrogen-for-heat-facilitating-a-grid-conversion-hydrogen-heating-trial> and <https://redcarhydrogencommunity.co.uk/>

These detection devices must be able to meet and achieve all relevant British Standards regulation and legislation currently applicable for flammable gas detection. For instance: BS EN 50194-1

The intention for these devices is to be as similar in appearance and application to smoke and carbon monoxide detectors that currently exist on the market and within the public's homes. I.e., audible alarm, flashing light alarm, etc. They must not falsely alarm with other potentially interfering vapours other than hydrogen and be simple to operate and maintain for the consumer.

Ideally the devices will be battery operated with a long-life span, >1 year. With the option to be hard wired also, having a battery additionally for mains power failure.

Low-cost solutions would be ideal though we understand the small quantities and the non-commercial demand of these domestic devices currently could hinder competitive rates.

#### **II.2.5) Award criteria**

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

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

Duration in months

24

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **II.2.11) Information about options**

Options: No

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

Date

24 November 2022

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

English

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Northern Gas Networks

Leeds

Country

United Kingdom