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Tender

Online Hydrogen Quality Sensor

National Physical Laboratory

F02: Contract notice

Notice identifier: 2021/S 000-004897

Procurement identifier (OCID): ocds-h6vhtk-029a92

Published 10 March 2021, 10:56pm

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

anthea.osammor@npl.co.uk

Telephone

+44 89773222

Country

United Kingdom

NUTS code

UK - UNITED KINGDOM

Internet address(es)

Main address

www.npl.co.uk

I.3) Communication

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

www.bravosolutions.co.uk

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

www.bravosolutions.co.uk

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Online Hydrogen Quality Sensor

Reference number

N/A

II.1.2) Main CPV code

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.1.3) Type of contract

Supplies

II.1.4) Short description

NPL has been awarded funding to develop an online hydrogen quality sensor. In an already completed first phase of the project NPL demonstrated two new sensor technologies sensitive to ppm of relevant impurities in hydrogen. In the second phase (due to start 1st April 2021 and end 31st March 2022) NPL and sub-contractors will further develop these sensors, incorporate them into two prototype devices, demonstrate the prototypes at two hydrogen refuelling stations (owned by other partners in the project) and plan for their commercialisation. NPL has the knowledge to further develop the sensors and build a lab prototype, the partners have hydrogen refuelling stations and are able to advise on safety requirements and carry out testing. NPL are seeking a partner to develop the field prototypes and assist with plans for future commercialisation.

II.1.5) Estimated total value

Value excluding VAT: £400,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UK - UNITED KINGDOM

II.2.4) Description of the procurement

NPL are developing an online hydrogen quality sensor and are seeking a sub-contractor with experience in the production of gas analysis instruments or similar to support the development of prototypes and subsequent commercialisation.

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: £400,000

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

Duration in months

12

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

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

Open procedure

Accelerated procedure

Justification:

Awarding of the contract is time critical

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

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

Date

24 March 2021

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

Breton

IV.2.7) Conditions for opening of tenders

Date

24 March 2021

Local time

3:00pm

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

National Physical Laboratory

Teddington

Country

United Kingdom