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Tender

Research into Suitability of Solder and Brazing Alloys for Use in Low Pressure Hydrogen Gas Installations

Department for Business, Energy & Industrial Strategy

F02: Contract notice

Notice identifier: 2023/S 000-013150

Procurement identifier (OCID): ocds-h6vhtk-03c73b

Published 9 May 2023, 3:03pm

Section I: Contracting authority

I.1) Name and addresses

Department for Business, Energy & Industrial Strategy

London

Email

nzip.hydrogen@beis.gov.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/department-for-energy-security-and-net->

[zero](#)

I.3) Communication

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

<https://beisgroup.ukp.app.jaggaer.com>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://beisgroup.ukp.app.jaggaer.com>

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

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Research into Suitability of Solder and Brazing Alloys for Use in Low Pressure Hydrogen Gas Installations

II.1.2) Main CPV code

- 73300000 - Design and execution of research and development

II.1.3) Type of contract

Services

II.1.4) Short description

This Invitation to Tender (ITT) invites potential suppliers to deliver an evidence project on the suitability of solder and brazing alloys for use in low pressure hydrogen gas installations. The evidence generated will support a series of hydrogen standards and training specifications being developed under DESNZ' Hydrogen Skills and Standards for Heat (HSS4H) programme.

The work will define a methodology for assessing material suitability including appropriate test methods, specimen types, environmental conditions, analysis techniques and material assessment criteria. This will provide clear unambiguous evidence in accordance with the defined methodology to categorise relevant grades of solder and brazing alloys as either suitable or not suitable for use with low pressure hydrogen. Ultimately the evidence will support writing sections relating to suitability of materials within hydrogen standards being developed under the HSS4H programme and make information available in a way that will support future standards.

Full ITT documents can be found in prj_1824 at <https://beisgroup.ukp.app.jaggaer.com>

II.1.5) Estimated total value

Value excluding VAT: £200,000

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
- 38432100 - Gas-analysis apparatus
- 39341000 - Gas pressure equipment
- 39721410 - Gas appliances
- 76000000 - Services related to the oil and gas industry

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

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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: £200,000

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

Duration in months

13

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

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

16 June 2023

Local time

2:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

16 June 2023

Local time

2:01pm

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

Department for Energy Security & Net Zero

London

Country

United Kingdom