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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](mailto: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

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## **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**

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.

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Full ITT documents can be found in prj\_1824 at <https://beisgroup.ukp.app.jaggaer.com>

### **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

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## **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

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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**

Department for Energy Security & Net Zero

London

Country

United Kingdom