

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/016180-2024>

Tender

## **STEP Engineering Partner and Construction Partner**

United Kingdom Atomic Energy Authority

F02: Contract notice

Notice identifier: 2024/S 000-016180

Procurement identifier (OCID): ocds-h6vhtk-0361bf

Published 22 May 2024, 2:19pm

### **Section I: Contracting authority**

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

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

#### **Email**

[procurement@step.ukaea.uk](mailto:procurement@step.ukaea.uk)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

#### **National registration number**

N/A

**Internet address(es)**

Main address

<http://www.gov.uk/government/organisations/uk-atomic-energy-authority>

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/72814>

**I.3) Communication**

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

[https://uk.eu-supply.com/app/rfq/rwIentrance\\_s.asp?PID=81210&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwIentrance_s.asp?PID=81210&B=UKAEA)

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

[https://uk.eu-supply.com/app/rfq/rwIentrance\\_s.asp?PID=81210&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwIentrance_s.asp?PID=81210&B=UKAEA)

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**

Other activity

Fusion Research

---

## **Section II: Object**

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

#### **II.1.1) Title**

STEP Engineering Partner and Construction Partner

Reference number

T-SP049-22 & T-SP050-22

#### **II.1.2) Main CPV code**

- 45220000 - Engineering works and construction works

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

Works

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

UKAEA (on behalf of UKIFS – a special purpose vehicle to be established during the procurement process as the delivery body for STEP) is conducting this Procurement for an Engineering Partner (EP) and a Construction Partner (CP), who, together with a Fusion Partner (determined to be UKAEA), will bring together and develop extensive industrial capabilities to design and build a UK prototype fusion energy plant capable of delivering net-energy to the grid, and build a world-leading fusion delivery industry.

The Procurement is divided into two lots:

- Lot 1: Engineering Partner (EP)
- Lot 2: Construction Partner (CP)

#### **II.1.5) Estimated total value**

Value excluding VAT: £20,000,000,000

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

This contract is divided into lots: Yes

Tenders may be submitted for one lot only

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

UKAEA will apply bid restrictions. Please see the SSP for further details.

## **II.2) Description**

### **II.2.1) Title**

Engineering Partner (EP)

Lot No

1

### **II.2.2) Additional CPV code(s)**

- 45200000 - Works for complete or part construction and civil engineering work
- 66519000 - Engineering, auxiliary, average, loss, actuarial and salvage insurance services
- 71000000 - Architectural, construction, engineering and inspection services
- 71240000 - Architectural, engineering and planning services
- 71250000 - Architectural, engineering and surveying services
- 71310000 - Consultative engineering and construction services
- 71311000 - Civil engineering consultancy services
- 71312000 - Structural engineering consultancy services
- 71313000 - Environmental engineering consultancy services
- 71318000 - Advisory and consultative engineering services
- 71320000 - Engineering design services
- 71321000 - Engineering design services for mechanical and electrical installations for buildings
- 71322000 - Engineering design services for the construction of civil engineering works
- 71323000 - Engineering-design services for industrial process and production
- 71323200 - Plant engineering design services
- 71330000 - Miscellaneous engineering services

- 71333000 - Mechanical engineering services
- 71334000 - Mechanical and electrical engineering services
- 71336000 - Engineering support services
- 71337000 - Corrosion engineering services
- 71340000 - Integrated engineering services
- 71350000 - Engineering-related scientific and technical services

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

NUTS codes

- UK - United Kingdom

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

The Engineering Partner's (EP) primary responsibility will be to provide the capability to drive the integrated design of the STEP Prototype Plant (SPP), and to then manufacture that plant through a developing supply chain. This includes (but not be limited to) providing capabilities for management of all engineering data, responsibility for the detailed design of SPP systems, equipment, and components, and contracting through the engineering supply chain. The EP will be responsible for leading a supply chain which delivers the manufacture and assembly of the SPP components. See the procurement documents for further details.

### **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: £10,000,000,000

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

Duration in months

36

This contract is subject to renewal

Yes

## Description of renewals

The EP contract term will be an initial 3 year period, followed by 3 optional extension periods of 4, 6 and 7 years (these durations are subject to change as the Programme develops). UKIFS will have the right to exercise an extension option on 6 months' notice. The maximum contract length duration for the EP contract will be 20 years with an estimated value of £10,000,000,000.

### **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

## **II.2) Description**

### **II.2.1) Title**

Construction Partner

Lot No

2

### **II.2.2) Additional CPV code(s)**

- 45200000 - Works for complete or part construction and civil engineering work
- 45213250 - Construction work for industrial buildings
- 45214610 - Laboratory building construction work
- 45222000 - Construction work for engineering works except bridges, tunnels, shafts and subways
- 45223000 - Structures construction work
- 45251000 - Construction works for power plants and heating plants
- 45251100 - Construction work for power plant

- 45251110 - Nuclear-power station construction work
- 45251111 - Construction work for nuclear reactors
- 45254200 - Construction work for manufacturing plant
- 71300000 - Engineering services
- 71322000 - Engineering design services for the construction of civil engineering works
- 71500000 - Construction-related services
- 71520000 - Construction supervision services
- 71521000 - Construction-site supervision services
- 71530000 - Construction consultancy services
- 71540000 - Construction management services
- 71541000 - Construction project management services
- 79418000 - Procurement consultancy services

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

NUTS codes

- UK - United Kingdom

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

The Construction Partner's (CP) primary responsibility will be to collaboratively provide the capability to drive the integrated design of the overall layout, buildings, infrastructure, onsite and offsite facilities of the STEP Prototype Plant (SPP) to fulfil the support, enclosure and environmental requirements of the operational plant. The Construction Partner will then purchase, fabricate, deliver and install all elements of the designed facilities utilising existing and new supply chains, directly sourced or contracted resources. The CP's responsibilities will include (but not be limited to) managing the overall health, safety, environment and security systems applicable to all parties engaged at the site. See the procurement documents for further details.

### **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: £10,000,000,000

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

Duration in months

36

This contract is subject to renewal

Yes

Description of renewals

The CP contract term will be an initial 3 year period, followed by 3 optional extension periods of 4, 6 and 7 years (these durations are subject to change as the Programme develops). UKIFS will have the right to exercise an extension option on 6 months' notice. The maximum contract length duration for the CP contract will be 20 years with an estimated value of £10,000,000,000.

#### **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 III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions

Refer to Procurement Documents for information.

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

### **III.2) Conditions related to the contract**

#### **III.2.2) Contract performance conditions**

Refer to Procurement Documents for information.

---

## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Competitive dialogue

#### **IV.1.4) Information about reduction of the number of solutions or tenders during negotiation or dialogue**

Recourse to staged procedure to gradually reduce the number of solutions to be discussed or tenders to be negotiated

#### **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.2.1) Previous publication concerning this procedure**

Notice number: [2022/S 000-023363](#)

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

Date

12 July 2024

Local time

1:00pm

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

English

---

## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **VI.3) Additional information**

UKAEA is launching this procurement on behalf of UK Industrial Fusion Solutions Limited (UKIFS). UKIFS will take over responsibility for running the procurement when it is established part way through the procurement process and will be the client entity that will enter into the contracts at the conclusion of the procurement.

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

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

The High Court

The Royal Courts of Justice

London

Country

United Kingdom

#### **VI.4.2) Body responsible for mediation procedures**

The High Court

The Royal Courts of Justice

London

Country

United Kingdom

#### **VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

In accordance with the Public Contracts Regulations (PCR) 2015, the authority will observe a minimum ten (10) calendar day standstill period at the point that information

regarding the award of the contract is communicated to tenderers.

If an appeal regarding the award of a contract has not been successfully resolved by the authority, the Public Contracts Regulations (PCR) 2015 provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the Regulations to take action in the High Court (England, Wales and Northern Ireland).

**VI.4.4) Service from which information about the review procedure may be obtained**

The High Court

The Royal Courts of Justice

London

Country

United Kingdom