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Future opportunity

T/SP049/22 & T/SP050/22 STEP Engineering and Construction Partners PIN 2

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice reference: 2022/S 000-031914

Published: 10 November 2022, 5:07pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Sarah Palmer

Email

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Telephone

+44 1235467082

Country

United Kingdom

NUTS 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/rwentrance_s.asp?PID=55832&B=UKAEA

Additional information can be obtained from 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

T/SP049/22 & T/SP050/22 STEP Engineering and Construction Partners PIN 2

Reference number

T/SP049/22 & T/SP050/22 PIN 2

II.1.2) Main CPV code

- 45220000 - Engineering works and construction works

II.1.3) Type of contract

Works

II.1.4) Short description

T/SP049/22 STEP Engineering Partner: Whole Plant Engineering Design and Delivery & T/SP050/22 STEP Construction Partner – Site, Plant, and Infrastructure Delivery PIN 2 - Request for Information 1

Please refer to the attached RFI and list of capabilities.

To support the development of the STEP programme, we will tender for the engineering and construction partners in the coming months. We will likely be utilising the Competitive Dialogue procedure for these procurements. The contract duration will be circa 20 years (with appropriate break clauses) and the anticipated contract value is expected to range between circa £300m - £10bn (subject to ongoing approvals) for the duration of the contract, with the contract value increasing progressively through each approved Tranche of the programme and as each work package is successively defined and placed.

Please note that the "Estimated total value" of £20bn is the value of both the engineering and construction partners combined.

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: No

II.2) Description

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
- 45214620 - Research and testing facilities 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
- 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
- 71300000 - Engineering 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
- 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

Please refer to the attached RFI and list of capabilities

To support the development of the programme, we will tender for the engineering and construction partners in the coming months. We will likely be utilising the Competitive Dialogue procedure for these procurements. The contract duration will be circa 20 years (with appropriate break clauses) and the anticipated contract value is expected to range between circa £300m - £10bn (subject to ongoing approvals) for the duration of the contract, with the contract value increasing progressively through each approved Tranche of the programme and as each work package is successively defined and placed.

To enable delivery of Tranche 2a and beyond, UKAEA proposes to establish an appropriate programme leadership capability via the STEP Delivery Organisation (SDO), a new Special Purpose Vehicle (subject to approvals), which will establish the Integrated Delivery Team with three strategic partners; an Engineering Partner (EP), a Construction Partner (CP) and a Fusion Partner (FP) (already defined to be UKAEA). This team will work collaboratively, under joint incentivisation mechanisms to be developed. These partners will not only be core to delivery of the programme but will also secure market-leading experience and knowledge, helping secure a clear transition from prototype development to commercial plant development. Proprietary Value, including IP, is intended to be developed across all participating organisations.

It is envisaged that there will be a bilateral contract between the STEP Delivery Organisation and each individual partner; and then an overarching collaborative contract that is signed by all four parties to the integrated delivery team. In the spirit of collaboration, most contractual terms will be captured within the overarching collaborative contract, while clauses that are only relevant to the specific input of a particular partner will be included in

the bilateral contracts

II.3) Estimated date of publication of contract notice

30 April 2023

Section IV. Procedure

IV.1) Description

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](#)

Section VI. Complementary information

VI.3) Additional information

Publication 2022/S 000-023369 also relates