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Planning

T/SP050/22 STEP Construction Partner – Site, Plant, and Infrastructure Delivery PIN 1

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-023369

Procurement identifier (OCID): ocids-h6vhtk-0361c5

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Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Sarah Palmer

Email

sarah.palmer@ukaea.uk

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/rwlenrance_s.asp?PID=51997&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/SP050/22 STEP Construction Partner – Site, Plant, and Infrastructure Delivery PIN 1

Reference number

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

The current phase of the STEP programme (Tranche 1) concludes in April 2024 when, subject to approval, Tranche 2a will commence. This is the phase when STEP will develop from an embryonic programme with a concept design and a selected site, and contracted support; to a fully formed major programme bringing together and developing extensive industrial capabilities to deliver a full plant design, a viable supply chain and to seek the consents needed for construction.

STEP is looking for a Construction Partner that will be a full member of the Integrated Delivery Team and, in collaboration with the wider team and the STEP leadership, will help shape the design for constructability, evolve the construction strategy, develop site plans and ultimately manage and develop the STEP site through a major multi – project construction phase, ensuring highest standards of safety.

II.1.5) Estimated total value

Value excluding VAT: £10,000,000,000

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
- 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

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The current phase of the STEP programme (Tranche 1) concludes in April 2024 when, subject to approval, Tranche 2a will commence. This is the phase when STEP will develop from an embryonic programme with a concept design and a selected site, and contracted support; to a fully formed major programme bringing together and developing

extensive industrial capabilities to deliver a full plant design, a viable supply chain and to seek the consents needed for construction.

To enable delivery of Tranche 2a and beyond, UKAEA proposes to establish an appropriate programme leadership capability, potentially a new Special Purpose Vehicle (subject to approvals), which will establish an integrated delivery team with three strategic partners; an engineering partner (EP) (via a separate procurement), a construction partner (CP) (via this procurement) 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. Proprietary Value, including IP, is intended to be developed across all participating organisations.

The CP will be a full member of the Integrated Delivery Team and, in collaboration with the wider team and the STEP leadership, will help shape the design for constructability, evolve the construction strategy, develop site plans and ultimately manage and develop the STEP site through a major multi – project construction phase, ensuring highest standards of safety.

The CP will be responsible for delivering a site development programme, including innovative building designs focused on cost, schedule, safety and sustainability; provide an integrated concurrent deployment schedule and ensure effective asset management for all facilities across the site and management of the construction supply chain, taking direct responsibility for some sourcing decisions and working with the SPV leadership on more significant procurements. The CP will work with the EP and SDO Engineering Team to design and construct all buildings and facilities on the STEP site.”

II.3) Estimated date of publication of contract notice

1 December 2022

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