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Planning

In-Vessel Dexterous Manipulators & Technology Capability Scoping

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-011708

Procurement identifier (OCID): ocids-h6vhtk-02b52e

Published 26 May 2021, 12:06pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Daniel Brown

Email

daniel.brown@ukaea.uk

Telephone

+44 123546

Country

United Kingdom

NUTS code

UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

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=38068&B=UK

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

In-Vessel Dexterous Manipulators & Technology Capability Scoping

Reference number

T/DB082/21

II.1.2) Main CPV code

- 31720000 - Electromechanical equipment

II.1.3) Type of contract

Supplies

II.1.4) Short description

This is an Expression of interest (EOI)

The authority is investigating the feasibility of conducting remote operations within the STEP reactor core, focussing on dextrous manipulators and other enabling technologies. Currently the full extent of operations that will take place within the reactor have not been defined, but are likely to include visual inspection, metrology, sample and component lifting and manipulation, and handling bespoke tools.

The main objective of this PIN is to ascertain the limits and capability, as well as enable future tenders of current technology with regards to remote maintenance in a highly irradiated environment under the conditions detailed within this PIN. We are interested to know about any technology that can operate in at least one of the environmental conditions noted in the PIN.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 42150000 - Nuclear reactors and parts

- 42418500 - Mechanical handling equipment
- 42997300 - Industrial robots
- 90521000 - Radioactive waste treatment services

II.2.3) Place of performance

NUTS codes

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

II.2.4) Description of the procurement

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The main objective of this PIN is to ascertain the limits and capability, as well as enable future tenders of current technology with regards to remote maintenance in a highly irradiated environment under the conditions detailed within this PIN. We are interested to know about any technology that can operate in at least one of the environmental conditions noted in the PIN.

The future project might entail carrying out short, bespoke pieces of work to establish the capability of relevant technology, as well as to produce quantitative parameters, to produce trials and reports to demonstrate these actions

II.3) Estimated date of publication of contract notice

25 December 2021

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