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Planning

UKAEA - RAICo - Laser Ablation Technologies for Robotic Decommissioning Applications

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-005370

Procurement identifier (OCID): ocids-h6vhtk-03a7a6

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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

Phil Perkins

Email

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Telephone

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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/rwlentrance_s.asp?PID=60632&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

UKAEA - RAI Co - Laser Ablation Technologies for Robotic Decommissioning Applications

Reference number

T/PJP021/23

II.1.2) Main CPV code

- 38636110 - Industrial lasers

II.1.3) Type of contract

Supplies

II.1.4) Short description

Decontamination is one of the RAI Co programme's main themes and it is aiming at developing tools for fission decommissioning and fusion engineering applications. The tools shall meet a range of sizes and requirements but focusing on smaller tools than have been previously developed making them suitable for remote handling.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 38636100 - Lasers

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The Robotics and Artificial Intelligence Collaboration (RAICo®) programme is a collaboration between UKAEA, UKNDA, Sellafield and Manchester University and includes an initial 3-year programme of technology development. The programme is focused on delivering and proving underlying robotics and artificial intelligence technologies that are required for effective decommissioning, as well as providing deployment opportunities to have maximum operational impact.

Using robotics and AI in hazardous nuclear decommissioning environments will provide the step-change in capabilities needed to move towards a cheaper, faster, and less hazardous set of next generation decommissioning activities.

The programme is managed by UKAEA's Remote Applications in Challenging Environments ("RACE") facility.

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II.3) Estimated date of publication of contract notice

26 June 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