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Planning

Prior Information Notice - Experimental Graphite Processing Facility

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-020308

Procurement identifier (OCID): ocds-h6vhtk-02d6c3

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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

Matt Burton

Email

matt.burton@ukaea.uk

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.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

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

<https://uk.eu-supply.com/ctm/Supplier/Documents/Folder/30821>

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

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Reference number

T/MB154/21

II.1.2) Main CPV code

- 72220000 - Systems and technical consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

The UKAEA is building a new experiment in which reactor materials, in particular carbon materials, will be processed. The processing system is made up of different sections, to process the carbon materials, purify the generated gas streams from radioactive species and capture and store such radioactive species separately.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 72222200 - Information systems or technology planning services
- 72224100 - System implementation planning services
- 72250000 - System and support services
- 73210000 - Research consultancy services
- 73220000 - Development consultancy services
- 45351000 - Mechanical engineering installation works

- 45255400 - Fabrication work
- 48150000 - Industrial control software package
- 48151000 - Computer control system
- 71300000 - Engineering services
- 71320000 - Engineering design services
- 71336000 - Engineering support services
- 71340000 - Integrated engineering services
- 48921000 - Automation system
- 38970000 - Research, testing and scientific technical simulator
- 73000000 - Research and development services and related consultancy services
- 73100000 - Research and experimental development services
- 73110000 - Research services
- 73200000 - Research and development consultancy services
- 73300000 - Design and execution of research and development
- 42300000 - Industrial or laboratory furnaces, incinerators and ovens
- 42510000 - Heat-exchange units, air-conditioning and refrigerating equipment, and filtering machinery
- 39181000 - Laboratory benching
- 42122500 - Laboratory pumps and accessories
- 51430000 - Installation services of laboratory equipment
- 31682210 - Instrumentation and control equipment
- 31720000 - Electromechanical equipment
- 42120000 - Pumps and compressors
- 42131140 - Pressure-reducing, control, check or safety valves
- 38400000 - Instruments for checking physical characteristics
- 38300000 - Measuring instruments
- 38900000 - Miscellaneous evaluation or testing instruments

- 38940000 - Nuclear evaluation instruments
- 42131000 - Taps, cocks and valves

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Culham Science Center

II.2.4) Description of the procurement

The graphite processing experiments aim to optimise processing of carbon materials waste formed from JET operations (HLW or ILW). The system aims to process the carbon material to liberate radioisotopes to reach satisfying low radioactivity levels (LLV or VLLW) in the remaining material.

II.3) Estimated date of publication of contract notice

1 February 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

Section VI. Complementary information

VI.3) Additional information

Scope Supply Options

A) To offer an integrated laboratory solution:

The identified supplier will design the full system (based on initial concept work complete by the UKAEA). The supplier will manufacture, or sub-contact manufacture required elements of the process and integrate all sub-systems for installation at the UKAEA facility as the single source prime contractor.

B) Stand Alone Subsystem Supply

Subsystem integration is not part of the procurement scope. Suppliers to be identified for individual or multiple subsystems only. Final integration responsibility to be completed by UKAEA.

Option A is preferable providing a fully integrated 'turn-key' solution.

If this option is not available to UKAEA, then the minimum number of required individual 'turnkey' sub-system contracts will be considered in order to minimize the required integration tasks to be performed by UKAEA will be considered.