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Planning

H3AT Skid Manufacture

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-005470

Procurement identifier (OCID): ocds-h6vhtk-031bfa

Published 28 February 2022, 5:09pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Abigail Woods

Email

abigail.woods@ukaea.uk

Country

United Kingdom

NUTS code

UKJ14 - 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/rwlentrance_s.asp?PID=44211&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

H3AT Skid Manufacture

Reference number

T/AW041/22

II.1.2) Main CPV code

• 31682210 - Instrumentation and control equipment

II.1.3) Type of contract

Supplies

II.1.4) Short description

UKAEA wishes to engage with potential prime contractors, SME's, fabricators and assemblers for the fabrication, assembly and testing of 5-10 modular skid mounted assemblies and the fitout of 20 gloveboxes (gloveboxes to be free issued or provisioned by the contractor). Scope and quantity to be confirmed at ITT and is subject to preliminary and detailed engineering design phases. These units will make up a number of subsystems that will form the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site. The units will generally comprise of equipment, valves, instrumentation and interconnecting pipework mounted into containment skids or in gloveboxes (gloveboxes to be tendered as a separate package). Skids will be required to accommodate equipment and piping in various sizes, approximate footprints of 0.5x0.5m up to 2.8x1.5m and heights 0.5-2.1m (to be confirmed).

II.1.5) Estimated total value

Value excluding VAT: £8,750,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 09343000 Radioactive materials
- 09344000 Radio-isotopes
- 31211110 Control panels
- 31213000 Distribution equipment
- 31213100 Distribution boxes
- 31213300 Cable distribution cabinet
- 31213400 Distribution system
- 31224700 Junction boxes
- 31600000 Electrical equipment and apparatus
- 31682200 Instrument panels
- 31731100 Modules
- 42131390 Assemblies of valves
- 42418500 Mechanical handling equipment
- 42664000 Fusion equipment
- 42961000 Command and control system
- 42990000 Miscellaneous special-purpose machinery
- 44141000 Conduit
- 44141100 Electric conduit
- 44142000 Frames
- 44160000 Pipeline, piping, pipes, casing, tubing and related items
- 44162000 Piping
- 44162100 Piping supplies
- 44163000 Pipes and fittings
- 44163100 Pipes
- 44163150 Low-pressure pipes
- 44163160 Distribution pipes and accessories

- 44163200 Pipe fittings
- 44163210 Pipe clamps
- 44163230 Pipe connectors
- 44163240 Pipe joints
- 44163241 Insulated joints
- 44164200 Tubing
- 44164300 Tubular goods
- 44164310 Tubes and fittings
- 44167100 Couplings
- 44167110 Flanges
- 44167111 Flange adaptors
- 44167300 Bends, tees and pipe fittings
- 44167400 Elbows
- 44200000 Structural products
- 44210000 Structures and parts of structures
- 44212313 Supports
- 44212500 Angles and sections
- 44316400 Hardware
- 44318000 Conductors
- 44320000 Cable and related products
- 44322000 Cable accessories
- 44322100 Cable conduits
- 44322200 Cable connectors
- 44322300 Cable ducts
- 44322400 Cable fasteners
- 44531500 Flange jointing sets

- 44615000 Pressure vessels
- 44615100 Steel pressure vessels
- 45255400 Fabrication work
- 45262670 Metalworking
- 45262680 Welding
- 45311000 Electrical wiring and fitting work
- 45311100 Electrical wiring work
- 45311200 Electrical fitting work
- 71300000 Engineering services
- 71314100 Electrical services
- 71320000 Engineering design services
- 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
- 71335000 Engineering studies
- 71336000 Engineering support services
- 71340000 Integrated engineering services
- 71350000 Engineering-related scientific and technical services
- 72242000 Design-modelling services
- 73430000 Test and evaluation

II.2.3) Place of performance

NUTS codes

• UKJ14 - Oxfordshire

II.2.4) Description of the procurement

UKAEA wishes to engage with potential prime contractors, SME's, fabricators and assemblers for the fabrication, assembly and testing of 5-10 modular skid mounted assemblies and the fitout of 20 gloveboxes (gloveboxes to be free issued or provisioned by the contractor). Scope and quantity to be confirmed at ITT and is subject to preliminary and detailed engineering design phases. These units will make up a number of subsystems that will form the Tritium Plant located within the new H3AT Facility currently in construction on the UKAEA Culham site. The units will generally comprise of equipment, valves, instrumentation and interconnecting pipework mounted into containment skids or in gloveboxes (gloveboxes to be tendered as a separate package). Skids will be required to accommodate equipment and piping in various sizes, approximate footprints of 0.5x0.5m up to 2.8x1.5m and heights 0.5-2.1m (to be confirmed).

Through this process we are looking to open-up the engagement for suppliers with the aim of ensuring there is sufficient production capability and capacity to meet project timelines and design requirements.

UKAEA intend, after the engagement exercise, to issue tenders through the Find a Tender service (replacement to Tenders Electronic Daily) to procure services for design and provision of equipment through competitively tendered contracts.

II.3) Estimated date of publication of contract notice

1 July 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: No