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Planning

Design, Manufacture, and Supply of Components for High Heat Flux Testing and Verification Facility for STEP

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-025249

Procurement identifier (OCID): ocds-h6vhtk-02ea0e

Published 8 October 2021, 4:08pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Maili Nugent

Email

Maili.nugent@ukaea.uk

Telephone

+44 1235468141

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/rwlenrance_s.asp?PID=39985&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

Design, Manufacture, and Supply of Components for High Heat Flux Testing and Verification Facility for STEP

Reference number

T/MN213/21

II.1.2) Main CPV code

- 38126300 - Temperature or humidity surface observing apparatus

II.1.3) Type of contract

Supplies

II.1.4) Short description

The STEP project requires a flexible testing platform to perform a number of high heat flux testing campaigns and assessment tasks, with the ultimate goal of becoming a verification and validation (V&V) platform for In Vessel Component (IVC) prototypes. High temperature testing facilities and testing will be done in high vacuum and will include a high temperature water cooling system with the capability to exchange for alternative cooling systems during future operations.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 09320000 - Steam, hot water and associated products
- 35125100 - Sensors
- 38126300 - Temperature or humidity surface observing apparatus
- 42662100 - Electric welding equipment

- 42942200 - Vacuum ovens
- 44161500 - High-pressure pipeline
- 44163140 - Steam and water pipes
- 44610000 - Tanks, reservoirs, containers and pressure vessels
- 44615000 - Pressure vessels
- 71350000 - Engineering-related scientific and technical services

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

The STEP project requires a flexible testing platform to perform a number of high heat flux testing campaigns and assessment tasks, with the ultimate goal of becoming a verification and validation (V&V) platform for In Vessel Component (IVC) prototypes. High temperature testing facilities and testing will be done in high vacuum and will include a high temperature water cooling system with the capability to exchange for alternative cooling systems during future operations.

II.3) Estimated date of publication of contract notice

1 March 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