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Planning

## **Design for Manufacture and Non-Destructive Testing**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-005356

Procurement identifier (OCID): ocds-h6vhtk-029c5d

Published 16 March 2021, 10:35pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Reece Baines

#### **Email**

[reece.baines@ukaea.uk](mailto:reece.baines@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=37170&B=UK](https://uk.eu-supply.com/app/rfq/rwlentrance_s.asp?PID=37170&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

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Design for Manufacture and Non-Destructive Testing

Reference number

T/SP022/21

#### **II.1.2) Main CPV code**

- 71632200 - Non-destructive testing services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

Design for Manufacture and Non-Destructive Testing

#### **II.1.5) Estimated total value**

Value excluding VAT: £880,000

#### **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
- 42151000 - Nuclear reactors

- 71323200 - Plant engineering design services
- 71335000 - Engineering studies
- 98113100 - Nuclear safety services

### **II.2.3) Place of performance**

NUTS codes

- UKJ14 - Oxfordshire
- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire
- UKJ - SOUTH EAST (ENGLAND)
- UK - UNITED KINGDOM

### **II.2.4) Description of the procurement**

Design for Manufacture and Non-Destructive Testing

Phase One

- general manufacturing expertise and guidance for manufacture of nuclear components (as part of concept design sprints),
- involvement in design sprints by providing manufacturing input as required to proposed high-level, immature and evolving design concepts (Phase One),
- the development (in collaboration with UKAEA STEP Manufacturing team) of a quantitative manufacturability assessment tool for use during Phase One,
- guidance and assessment, using the tool generated, on general manufacturability of high-level concepts during Phase One,
- provide comment on risk levels and contribute to developing plan for de-risk activities including suggestions on changes to design to improve ease of manufacture.

5.4. Phase Two

- input and involvement in focused Design for Manufacture assessments for more refined design concepts (not detailed design),

- input and guidance in manufacturing process-related considerations to help refine concept designs,
- offer guidance and expertise for improvements to design concepts based on manufacturing-related requirements,
- toward the end of Phase Two, offer guidance and expertise related to NDT assessments.

### **II.3) Estimated date of publication of contract notice**

30 April 2021

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## **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