Planning

Plant Information System

United Kingdom Atomic Energy Authority

F01: Prior information notice
Prior information only
Notice identifier: 2021/S 000-017515
Procurement identifier (OCID): ocds-h6vhtk-02cbd9
Published 23 July 2021, 2:38pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Guy Wells

Email

guy.wells@ukaea.uk

Telephone

+44 0123546

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.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=38943&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

Plant Information System

Reference number

T/GW/129/21

II.1.2) Main CPV code

- 48100000 - Industry specific software package

II.1.3) Type of contract

Supplies

II.1.4) Short description

UKAEA are carrying out an expression of interest exercise and are taking views from interested parties in respect of a Plant Information System project. The questionnaire should be completed and returned via the EU Supply website.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 48300000 - Document creation, drawing, imaging, scheduling and productivity software package
- 48461000 - Analytical or scientific software package
- 48610000 - Database systems
- 48982000 - Configuration management software package

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The Spherical Tokamak for Energy Production (STEP) is an ambitious programme to accelerate the delivery of sustainable fusion energy.

The STEP programme is a staged programme to design and build the world's first compact fusion reactor, based on the spherical tokamak, by 2040. It will develop and identify solutions to the challenges of delivering fusion energy, benefiting from UKAEA's breadth of expertise and its suite of research facilities – RACE, Materials Research Facility, H3AT and Fusion Technology Facilities.

A STEP Plant and Tokamak Information Management System is envisaged to provide a centralised repository for all Plant/Reactor information assets. The information backbone provided by such a system will record the 'Digital Thread', tracing relationships and origins between data sets, to capture the evolutionary design rationale and intent, of the fusion reactor definition.

The system shall supply core capabilities summarised as Simulation Management, Design by Analysis, Process & Record Management, Product Requirements & System Engineering Management, Plant Item and Plant Breakdown Structure Management,CAD & Document Management and Configuration Management & Change Control.

The system shall facilitate the Tranche 1 objectives of the STEP Programme lifecycle, to produce a concept design by 2024. It shall be scalable to meet the functional needs of future phases of the STEP lifecycle.

II.2.14) Additional information

UKAEA are carrying an expression of interest exercise and are taking views from interested parties in respect of this project. The questionnaire should be completed and returned via the EU Supply website.

II.3) Estimated date of publication of contract notice

20 September 2021

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