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Planning

Supply of Sensors for a Displacement Measurement System

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-002685

Procurement identifier (OCID): ocds-h6vhtk-0434c8

Published 26 January 2024, 10:19am

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Campus

Abingdon

OX14 3DB

Contact

Ben Osborne

Email

ben.osborne@ukaea.uk

Telephone

+44 1235467082

Country

United Kingdom

Region code

UKJ1 - Berkshire, Buckinghamshire and 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=77495&B=UKAEA

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

Supply of Sensors for a Displacement Measurement System

Reference number

T/DJ009/24

II.1.2) Main CPV code

- 35125100 - Sensors

II.1.3) Type of contract

Supplies

II.1.4) Short description

This PIN seeks to identify the current market capability for compact displacement sensors capable of sensing within a 0 – 5 mm range to an accuracy of 1 µm for a Displacement Measurement System, the associated costs and lead times.

An array of these sensors is required for measuring the distance between stationary and moving ferrous metal plates with a nominal distance of 2 mm. The outputs of these sensors must be viewable live and any associated data can be logged. The protocol for communication is open to availability. This array will consist of 8 sensors per tracked plate, hence will need a total of 32 sensors. This number can be discussed depending on availability on chaining sensor outputs.

This system will be used during a planned programme of work conducted in a work hall at UKAEA. This is an indoor work hall, with associated environmental conditions. No radiation or nuclear considerations are relevant to these components.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 30237475 - Electric sensors
- 38300000 - Measuring instruments
- 38423000 - Pressure-measuring equipment

II.2.3) Place of performance

NUTS codes

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

Main site or place of performance

Culham Campus, Abingdon, Oxfordshire, OX14 3DB

II.2.4) Description of the procurement

This PIN seeks to identify the current market capability for compact displacement sensors capable of sensing within a 0 – 5 mm range to an accuracy of 1 µm for a Displacement Measurement System, the associated costs and lead times.

An array of these sensors is required for measuring the distance between stationary and moving ferrous metal plates with a nominal distance of 2 mm. The outputs of these sensors must be viewable live and any associated data can be logged. The protocol for communication is open to availability. This array will consist of 8 sensors per tracked plate, hence will need a total of 32 sensors. This number can be discussed depending on availability on chaining sensor outputs.

This system will be used during a planned programme of work conducted in a work hall at UKAEA. This is an indoor work hall, with associated environmental conditions. No radiation or nuclear considerations are relevant to these components.

II.3) Estimated date of publication of contract notice

29 April 2024

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

