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Planning

Supply of 60-kV 40-A Air-insulated 3-phase/12-pulse Full-bridge Diode Rectifiers

CERN, CH – 1211 Geneva 23

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-020505

Procurement identifier (OCID): ocds-h6vhtk-047ada

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Section I: Contracting authority

I.1) Name and addresses

CERN, CH – 1211 Geneva 23

CH – 1211 Geneva 23

Meyrin

Email

hugh.alabaster@stfc.ukri.org

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.ukri.org/councils/stfc/>

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Supply of 60-kV 40-A Air-insulated 3-phase/12-pulse Full-bridge Diode Rectifiers

Reference number

MS-4976/SY

II.1.2) Main CPV code

- 31711100 - Electronic components

II.1.3) Type of contract

Supplies

II.1.4) Short description

This Technical Description concerns the supply of 60-kV 40-A Air-insulated 3-phase/12-pulse

full-bridge diode rectifiers. The quantity of rectifiers to be delivered is five units, of which one is a pre-series, plus two further units in option.

The estimated value for this activity is 200k – 750k CHF

II.1.5) Estimated total value

Value excluding VAT: 2,000,000 CHF

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 31153000 - Rectifiers

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The Supply shall include the following technical deliverables and activities:

- Detailed Design File (DDF) (3D STEP files, bill of materials, datasheets, etc.);
- Submodule pre-series (one unit);
- Full bridge rectifier unit Pre-series (one unit);
- Full bridge rectifier unit series manufacturing (four units);
- Mechanical assembly, and optional high voltage divider integration;
- Technical documentation (drawing, tests reports, component datasheets, etc.);
- Factory Acceptance Tests;

- Packing of the Supply;
- Shipping to CERN, if so requested;
- Transport of all materials and tooling required for the proper installation, commissioning, and maintenance on the CERN site.

CERN will make available the following equipment and/or services:

- Dismantling / decommissioning of existing installation / system;
- Unloading and handling of the diode rectifiers inside the CERN site;
- Cabling;
- Installation and commissioning on CERN site

II.3) Estimated date of publication of contract notice

31 July 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

Section VI. Complementary information

VI.3) Additional information

Following this Market Survey, an Invitation to Tender will be issued in Q3 2024 with the subsequent Contract scheduled to be awarded in Q3 2024. The Contractor shall deliver the DDF to CERN within 6 weeks from the Contract placement.

The Contractor shall deliver a rectifier sub-module within 3 months from CERN's written acceptance of the DDR.

The Contractor shall deliver the pre-series of a full-bridge rectifier unit within 6 months from CERN's written acceptance of the pre-series rectifier sub-module. The Contractor shall deliver the series to CERN within 6 months from CERN's written acceptance of the pre-series full-bridge rectifier.

Variants may be considered through discussion with CERN at the Market Survey stage.

Options may be considered through discussion with CERN at the Market Survey stage.

CERN is funded by a consortium of global nations and also receives funds from EU sources. It is an NGO (Non-Governmental Organisation) and therefore is not directly subject to EU regulations. This contract is not expected to be bound to any specific EU rules.

Please note that even though the 'official' stated deadline on the market survey has passed, the contract remains open until the Invitation to Tender is issued. A Market Survey is merely an expression of interest and does not in any way constitute a commitment to bid. If you are interested in this contract, we encourage you to submit the Pre-Qualification Questionnaire and you are welcome to later decline if you decide you do not wish to proceed.