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Planning

Environmental Test Chamber

University of Strathclyde

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-012420

Procurement identifier (OCID): ocds-h6vhtk-03c567

Published 1 May 2023, 8:52am

Section I: Contracting authority

I.1) Name and addresses

University of Strathclyde

McCance Building, 16 Richmond Street

Glasgow

G1 1QE

Email

magdalena.bamford@strath.ac.uk

Telephone

+44 7811592949

Country

United Kingdom

NUTS code

UKM82 - Glasgow City

Internet address(es)

Main address

<http://www.strath.ac.uk/>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00113

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

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

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Environmental Test Chamber

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

Environmental test chamber and all associated ancillaries required to allow for the analysis of test equipment under variable temperature and humidity conditions.

II.1.5) Estimated total value

Value excluding VAT: £400,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKM82 - Glasgow City

II.2.4) Description of the procurement

The University of Strathclyde seeks notes of interest from suppliers able to provide an environmental test chamber assembly, capable of carrying out tests on a variety of power systems equipment across various sectors of industry, including maritime, aerospace and transport.

This tender forms part of a larger expansion programme, enhancing the multi-vector energy systems capability within the Power Networks Demonstration Centre (PNDC), one of the University of Strathclyde's off-campus research & development facilities.

The University is seeking notes of interest for a tender opportunity for the supply, delivery and commissioning of an environmental test chamber.

- 1.The tender is for the supply of an environmental test chamber assembly capable of testing equipment under variable temperature and humidity conditions.
- 2.The succesful supplier is expected to provide the environmental test chamber and any ancilliary equipment needed to meet the requirements of the tender as a turn-key solution.
- 3.The succesful succesful supplier is expected to deliver all necessary equipment to the University, carry out all required on-site assembly and associated functional testing.

4. The chamber assembly should have 25m³ of useable internal space for test equipment under variable temperature and humidity conditions.
5. The system must be capable of temperature ranges from -40°C to +90°C, with a rate of change of up to 4°C per min for heating and cooling under test conditions.
6. The system should be capable of relative humidity conditions from 10 to 95% in the climatic range of +10°C to +95°C.
7. The system shall be monitored by a safety PLC system that manages all conditions in line with a dedicated safety matrix.
8. The environmental chamber shall have two operation modes: a) via a graphical user interface, and b) via an automated system connected via TCP/IP Modbus or alternative industrial communication protocol.
9. The exterior housing shall be coated steel, with the chamber's inner wall being stainless steel.
10. Access to the environmental chamber shall be via a double door with 180 degrees' opening angle. Each door shall have its own viewing window.
11. The environmental chamber shall include port holes to allow the connection of cables, cooling equipment, etc, to the devices under test.
12. The contract scope will include supply, delivery, commissioning, ongoing UK-based support and warranty.

II.2.14) Additional information

To be involved in pre-tender engagement, interested suppliers are asked to register their interest against this notice by 10th May 2023.

II.3) Estimated date of publication of contract notice

31 May 2023

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

To be involved in pre-tender engagement, interested suppliers are asked to register their interest against this notice by 10th May 2023.

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at

https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=730838.

(SC Ref:730838)