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Planning

Procurement of a Contractor for the replacement of Diesel Rotary Uninterrupted Power Supply (DRUPS) at two FCDO UK locations

Foreign Commonwealth and Development Office

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-018476

Procurement identifier (OCID): ocds-h6vhtk-047019

Published 14 June 2024, 2:23pm

Section I: Contracting authority

I.1) Name and addresses

Foreign Commonwealth and Development Office

King Charles Street

London

SW1A 2AH

Contact

Jon Meadows

Email

Jon.Meadows@fcdo.gov.uk

Telephone

+44 2070080932

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.gov.uk/fcdo/

Buyer's address

<https://fcdo.bravosolution.co.uk/>

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

Procurement of a Contractor for the replacement of Diesel Rotary Uninterrupted Power Supply (DRUPS) at two FCDO UK locations

Reference number

ESND-10915 -2024

II.1.2) Main CPV code

- 45000000 - Construction work

II.1.3) Type of contract

Works

II.1.4) Short description

The Foreign Commonwealth and Development Office (“FCDO”) intend to engage the market in relation to this project as part of market engagement activity in accordance with Regulation 40 of the Public Contracts Regulations 2015. The purpose of this PIN is to initiate market engagement and is not being used as a call for competition. This PIN is intended to:

1. Engage with and inform the market of the FCDO’s requirements, enabling potential contractors to better understand the scope of the requirement and the approach to the procurement process; and
2. Provide detail of the market engagement event which will be hosted online on 28 June 2024 date may be subject to change. Details on how to register for this event is provided in section VI.3 (Additional Information). Please refer to section II.2.4 Description of the Procurement for details in relation to the requirement.

II.1.5) Estimated total value

Value excluding VAT: £40,000,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Maximum number of lots that may be awarded to one tenderer: 2

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

Lots 1 and 2

II.2) Description

II.2.1) Title

DRUPS replacement - King Charles Street

Lot No

1

II.2.2) Additional CPV code(s)

- 51100000 - Installation services of electrical and mechanical equipment
- 51110000 - Installation services of electrical equipment
- 51112000 - Installation services of electricity distribution and control equipment
- 51120000 - Installation services of mechanical equipment

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

King Charles Street,

London,

SW1A 2 AH

II.2.4) Description of the procurement

Resilience of power supply to King Charles Street (KCS). The operation of all the departments and services located at KCS requires electrical power for the most critical of systems to be provided without interruption.

This project seeks to change the existing DRUPS critical electrical infrastructure to:

- In the case of KCS a UPS that provides power via a battery system that provides power to the NO BREAK assets.
- Diesel generators that provides power to SHORT BREAK & NO BREAK assets power demands.

The works involves the removal of existing diesel rotary uninterruptible power supplies (DRUPS) and the replacement of them with traditional diesel generators and uninterruptible power supply (UPS) system's along with the supporting cabled infrastructure, fire protection & detection, mechanical cooling services, control and

monitoring system

Activity to Date

Based on the primary and critical recommendations of an initial condition assessment, a feasibility study was conducted in April 2021 as a follow-on activity from the initial electrical infrastructure assessment. Within this feasibility exercise was an intrusive load assessment of the key power nodes of the site to ascertain the sizing requirements of the additional generator and support systems.

An initial stage 3 design was completed in June 2022 based on the recommendations of the preceding feasibility study.

A peer review was then conducted by FCDO MEP leadership team, following this peer review the design was then updated to incorporate the comments made to enhance the central 11kV switchgear and central generator provision. Design to RIBA stage 3 on this revised scheme has now been completed.

The procurement of the Contractor will be a Restricted above threshold tender procedure. We are exploring options to run the procurement as a 'lotted' structure and have the market bid for one or both projects. The recommended route to market is a 2 stage Design and Build from RIBA 4 onwards. These aspects of the project will be further explored in the market engagement exercise.

The FCDO are looking for Contractors with experience in this specialist field and with a proven track record of projects dealing with key critical infrastructure of this nature and this scale.

Case studies and in-house technical expertise will need to be demonstrated in terms of scale, technology and similar critical environments (e.g. financial, Government, or data centre)

II.2) Description

II.2.1) Title

DRUPS replacement - Hanslope Park, Milton Keynes

Lot No

2

II.2.2) Additional CPV code(s)

- 45000000 - Construction work
- 51100000 - Installation services of electrical and mechanical equipment
- 51110000 - Installation services of electrical equipment
- 51112000 - Installation services of electricity distribution and control equipment
- 51120000 - Installation services of mechanical equipment

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Hanslope Park,

Milton Keynes,

Buckinghamshire,

MK19 7BH

II.2.4) Description of the procurement

Resilience of power supply to Hanslope Park (HSP). The operation of all the departments and services located at HSP requires electrical power for the most critical of systems to be provided without interruption.

This project seeks to change the existing DRUPS critical electrical infrastructure to:

- A BESS system that provides stored power to the NO BREAK assets via battery technology.
- A diesel generator that provides power to SHORT BREAK & NO BREAK assets power demands
- Install 2 new 11kV switchgear panels with modern intelligent controls. The existing main electrical building will be extended.
- New mechanical cooling provided to the four main data rooms in building 38 with free cooling for energy savings.

The works involve the removal of existing DRUPS and the replacement of them with traditional diesel generators and battery energy storage system's (BESS) along with the supporting cabled infrastructure, fire protection & detection, mechanical cooling services, PLC control and monitoring system. Additionally, a new 11kV central facility will be constructed and installed as part of these works, and a new critical cooling system to one of the data centre buildings on campus

Activity to Date

Based on the primary and critical recommendations of an initial condition assessment, a feasibility study was conducted in April 2021 as a follow-on activity from the initial electrical infrastructure assessment. Within this feasibility exercise was an intrusive load assessment of the key power nodes of the site to ascertain the sizing requirements of the additional generator and support systems.

An initial stage 3 design was completed in June 2022 based on the recommendations of the preceding feasibility study.

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The FCDO are looking for Contractors with experience in this specialist field and with a proven track record of projects dealing with key critical infrastructure of this nature and this scale.

Case studies and in-house technical expertise will need to be demonstrated in terms of scale, technology and similar critical environments (e.g. financial, Government, or data centre)

II.3) Estimated date of publication of contract notice

10 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

This notice is being published to advertise a forthcoming early market engagement webinar, which will be held on 28 June 2024. The Webinar is scheduled for a 10:30am start and will last approximately 1 hour. Suppliers wishing to attend the forthcoming market engagement event should register their interest by email to jon.meadows@fcdo.gov.uk. You will be sent details of the event and how to join. For the avoidance of doubt, this market approach is not part of a formal procurement process. The FCDO reserves the right to change the process at any stage and to undertake this procurement using alternative routes. Participation or non-participation in this market engagement exercise shall not prevent any supplier participating in the future procurement, nor is it intended that any information supplied as part of this exercise shall place any supplier at an advantage in a procurement process.

No formal assessment of capability or down selection of bidders will be carried out in relation to any responses received as a result of this. The requirement will be procured via the Foreign, Commonwealth and Development Office's e-procurement portal: <https://fcdo.bravosolution.co.uk>. Suppliers, not currently registered on the portal, who are interested in being considered for this opportunity must self-register on the site in order to participate in the tender when published — registration is free and instantaneous.