



United Nations Support Office in Somalia

REQUEST FOR INFORMATION (RFI)

This notice is placed by UNSOS. The accuracy, reliability and completeness of the contents of furnished information is the responsibility of United Nations Support Office in Somalia. You are therefore requested to direct all queries regarding this RFI to United Nations Support Office in Somalia using the fax number or e-mail address provided below.

Title of the RFI:

Supply of energy to the UNSOS sites located at Aden Abdulle International Airport (AAIA)

Date of this RFI: 26 April 2023**Closing Date for Receipt of RFI:** 25 May 2023**RFI Number:** RFIUNSOS21169**Beneficiary Country/Territory:** SOMALIA**Commodity/Service category:** Energy**Address RFI response by fax or e-mail to the Attention of:** Chief Procurement Officer, Unsos**Fax Number:** n/a**E-mail Address:** unsos-procurement@un.org; andraos@un.org**UNSPSC Code:** 83101800

DESCRIPTION OF REQUIREMENTS

The United Nations Support Office in Somalia (UNSOS) has a mandate to provide logistical support to the African Transition Mission in Somalia (ATMIS), provide administrative and operational support to the United Nations Assistance Mission in Somalia (UNSOM) as well as provide logistic and life support to the Somali National Army (SNA) on joint operations with ATMIS.

In line with Security Council resolution S/RES/2628 (2022), inviting UNSOS to promote a positive legacy of the mission and reminding the mission of the Secretary-General's call for field operations to shift to renewable energy by 2030, UNSOS wishes to explore options to outsource its energy supply in a way that can support the growth of local/national renewable energy capacity that can be sustained past the mission's deployment.

In particular, UNSOS wishes to identify potential Energy Service Providers (ESPs), with existing or planned energy infrastructure, who can sell electricity in Mogadishu that initially includes a minimum share of renewable energy of 15% and that will increase to 45% within two (2) calendar years after an agreement is established with UNSOS.



The potential Vendor must possess or obtain the right to sell electricity to the UNSOS sites located at Aden Abdule International Airport (AAIA) for a projected period of five (5) years and a possible extension, with an all-inclusive fee. This transition is expected to provide UNSOS with a more sustainable and economical source of energy and favor the growth of local energy infrastructure.

SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

UNSOS is now inviting companies or formal consortia of companies, who can obtain the necessary permits, to sell electricity to the mission for a minimum period of five (5) years in line with the UN General Conditions of Contract.

Eligible companies or consortia will have to prove their experience in financing, constructing (for new projects), operating, managing, and selling electricity through a power purchase agreement (or similar) from a power plant or national grid network.

QUALIFICATIONS

In particular, UNSOS is looking for a competent and qualified company that can sell energy to UNSOS and execute the interconnection of the UNSOS internal grids located within the Aden Abdule International Airport (AAIA) site in Mogadishu to the Vendor's main distribution systems or synchronization panels, including the following works and services:

1. Finance, construct (for new projects), operate and maintain a Power Plant including renewable energy with the appropriate back up capacity guaranteeing continuous energy supply. The share of renewable energy should be a minimum of 15% and increase to 45% within two (2) calendar years after an agreement is signed with UNSOS.
2. Connect nine UNSOS AAIA powerhouses namely ; Synchronized PH#1 @Phase – 8, Synchronized PH#2 @Cetral Kitchen, Synchronized PH#40 @Halane, Synchronized PH#04 @Cold Park, Synchronized PH#03 @Movcon, Synchronized PH#10 @MLB, PH @IST, PH#01 @Old JSOC and PH#12 @Marineto the existing mains distribution or synchronization panels in each respective powerhouse.
 - 2.1 Survey, design, supply of entire medium to low voltage electrical system, installation, testing, commissioning and putting the system into service at UNSOS powerhouses.
 - 2.2 Design, supply and install required Medium Voltage (MV) aerial or underground line and poles.
 - 2.3 Design, supply, transport, install and commission a new transformer package unit including protective devices and complete accessories.
 - 2.4 Design, supply, transport, survey and install a Low Voltage (LV) - 230/400V, Three Phase Distribution system from the transformer to the Mains Distribution Boards (MDB) or Synchronization Panels of the existing powerhouses which power the selected buildings through an Automatic Transfer Switch (ATS).



2.5 Supply, transport and install bi-directional energy meters on each line (for billing purposes) accessible by UNSOS at any time to control consumption and good delivery of electricity.

Approximate Total Energy demand of UNSOS AAIA is: 21,000 GWh per year with a peak load demand of 5,000 kW and an average daily consumption of 57,940 kWh.

The nominal frequency for all UNSOS operated grids within AAIA is 50 Hz and the nominal voltage is 230/400 VAC.

3. Sell electricity at an all-inclusive unit tariff (i.e., USD for each kWh consumed) including Renewable Energy Credits from renewable energy generation (if applicable)

4. Obtain all relevant permits and licenses to operate and sell electricity in Somalia and Mogadishu (the UN/UNSOS will not assist in obtaining permits or such).

INFORMATION REQUESTED

Vendors/Companies interested in this published RFI should submit the following documentation on or before 25 May 2023:

- a. A summary of your organization profile, structure, and previous experience in Hybrid Power Plant projects where the Vendor has been either or all of the following: Energy Retailer, Independent Power Producer (IPP), Operation & Maintenance (O&M) contractor, Engineering, Procurement and Construction (EPC) contractor.
- b. Ability to perform all or part of the services specified in "QUALIFICATIONS" above.
- c. Tentative timeline based on previous project experience for execution of works and services as specified in "QUALIFICATIONS" above.
- d. Information on the Vendor's installed or planned power generation capacity that would be utilized for this project, clearly showing the share of renewable energy by filling in Table 1 and Table 2 provided in the attached Annex A
- e. Fill out the Vendor Response Form including the attached Annex A and provide any relevant information as required and related to the information requested.

This requirement will be fulfilled in Somalia.

This RFI does not constitute a solicitation. UNSOS reserves the right to change or cancel the requirements at any time during the RFI. Thus, submitting a reply to this RFI does not automatically guarantee that your firm will be considered for receipt of any solicitation documents if carried on.

Any requests for clarification about the contents of this RFI shall be sent via email to andraos@un.org copy to unsos-procurement@un.org and shall be received no later than 10 May 2023.

NOTE

Information on tendering for the UN Procurement System is **available free of charge** at the following address: <https://www.ungm.org/Public/Notice>

Only the United Nations Global Marketplace (UNGM) has been authorised to collect a nominal fee from vendors that wish to receive automatically Procurement Notices or Requests for Expression Of Interest. Vendors interested in this Tender Alert Service are invited to subscribe on <http://www.ungm.org>



Vendors interested in participating in a potential future solicitation process should submit the Vendor Response Form of this RFI electronically (through the link available on the next page) before the closing date set forth above.



VENDOR RESPONSE

NOTICE

- Companies can only participate in solicitations of the UN Secretariat after completing their registration (free of charge) at the United Nations Global Marketplace (www.ungm.org).
- Please verify that your company is registered under its **full legal** name on the United Nations Global Market Place (www.ungm.org) and that your application for registration as vendor has been submitted to the **UN Secretariat** in the same site, to be able to participate in any potential solicitation process as a result of this RFI.
- While companies can participate in solicitations after completion of registration at Basic Level, we strongly recommend all companies to register at least at **Level 1** under the United Nations Secretariat prior to participating in any solicitations.

PLEASE NOTE: You should submit your response to this RFI electronically at:

<https://www.un.org/Depts/ptd/node/add/interest-expressed?EOI=RFIUNSOS21169>

In case you have difficulties submitting your response electronically, please contact unsos-procurement@un.org; andraos@un.org directly for instructions.



RFI INSTRUCTIONS

1) Registering as a Vendor with the United Nations

Vendors interested in fulfilling the requirement described above must be registered at the UN Global Marketplace (www.ungm.org) with the UN Secretariat in order to be eligible to participate in any solicitation. Information on the registration process can be found at <https://www.un.org/Depts/ptd/vendors>.

Prerequisites for Eligibility

In order to be eligible for UN registration, you must declare that:

- A. Your company (as well as any parent, subsidiary or affiliate companies) is not listed in, or associated with a company or individual listed in:
 - I. the Compendium of United Nations Security Council Sanctions Lists (<https://www.un.org/sc/suborg/en/sanctions/un-sc-consolidated-list>), or
 - II. the IIC Oil for Food List website or, if listed on either, this has been disclosed to the United Nations Procurement Division in writing.
- B. Your company (as well as any parent, subsidiary or affiliate companies) is not currently removed or suspended by the United Nations or any other UN organisation (including the World Bank);
- C. Your company (as well as any parent, subsidiary or affiliate companies) is not under formal investigation, nor have been sanctioned within the preceding three (3) years, by any national authority of a United Nations Member State for engaging or having engaged in proscribed practices, including but not limited to: corruption, fraud, coercion, collusion, obstruction, or any other unethical practice;
- D. Your company has not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against your company that could impair your company's operations in the foreseeable future;
- E. Your company does not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with the Vendor in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15).
- F. Your company undertakes not to engage in proscribed practices (including but not limited to: corruption, fraud, coercion, collusion, obstruction, or any other unethical practice), with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN.

For Registered Vendors: Vendors already registered at the UN Global Marketplace with the UN Secretariat must ensure that the information and documentation (e.g. financial statements, address, contact name, etc.) provided in connection with their registration are up to date in UNGM. Please verify and ensure that your company is registered under its full legal name.

For Vendors Interested in Registration: Vendors not yet registered should apply for registration on the United Nations Global Marketplace (<http://www.ungm.org>); information on the registration process can be found at <https://www.un.org/Depts/ptd/vendors>. Vendors must complete the registration process prior to the closing date of the RFI. Vendors who have not completed the UNGM registration process with the UN Secretariat before the closing date of the RFI are not considered eligible to participate in the potential solicitation process related to the RFI. We strongly recommend all companies to register at least at Level 1 under the UN Secretariat prior to participating in any solicitations.

IMPORTANT NOTICE: Any false, incomplete or defective vendor registration may result in the rejection of the application or cancellation of an already existing registration.

2) RFI Process

Vendors interested in participating in the potential solicitation process should forward their information (as requested in the RFI) to United Nations Support Office in Somalia (UNSOS) by the closing date set forth in this RFI. *Due to the high volume of communications UNSOS is not in a position to issue confirmation of receipt of RFIs.*

Please note that no further details of the potential solicitation can be made available to the vendors prior to issuance of the solicitation documents.

This RFI is issued subject to the conditions contained in the RFI introductory page available at <https://www.un.org/Depts/ptd/rfi>.



Annex A

Company Name:

Table 1. Vendor's operational power generation capacity that would be utilized for the project.

No	Description (<i>add lines if required</i>)	Vendor's response	
		Thermal (e.g., diesel generator)	Renewable
	Power generation level		
1	Installed Capacity (KW) (please specify the technology)		
2	Date of Installation		
3	Effective Installation Capacity (KW)		
4	Total Peak Output (KW)		
5	Energy Generation Capacity of each power plant installed (KWh)		
6	Current share of energy from renewable sources versus total energy generation (including diesel generation) (%)		
7	Plant downtimes (Number of times per month and maximum duration)		
	Power distribution level		
8	Substation Capacity (KVA)		
9	Existing distribution voltage level (kV), frequency (Hz), proximity to AAIA, interconnection requirements to UNSOS premises		
10	System maximum Voltage and frequency fluctuations		
11	System outages (Number per month/year)		
	Commercial information		
12	Tariff (USD/KWh) (include variations if any based on kW peak demand)		
13	Monthly/Annual sales (KWh)		
14	Are Power Purchase Agreements in place (Yes/No) and if so, please indicate their Period (Years)		
15	Any other data/information		

Annex A

Table 2. Vendor's planned power generation capacity that would be relevant for the project

No	Description	Vendor's response
1	Additional planned Diesel generator capacity, investment (USD) and timeline	
2	Additional planned Renewable Energy capacity, % share of energy, investment (USD) and timeline (months)	
3	Land required for renewable energy	
4	Main limitations in increasing the renewable energy installed capacity	
5	Any additional data/information (e.g. status of project permits)	