

## REQUEST FOR INFORMATION (RFI)

RFI Reference: NG30-24-0384	Date: 11 June 2024
<b>Title of the RFI</b>	Purchase of Air Conditioners for Humanitarian Hub
<b>UNSPSC code(s)</b>	26110000 - Batteries and generators and kinetic power transmission 26111601 - Diesel generators 26111607 - Solar generators 26111600 - Power generators
<b>Closing date for receipt of the RFI</b>	<p><a href="#">17 June 2024 at 12:00hrs WAT</a></p> <p>If any doubt exists as to the time zone, refer to <a href="http://www.timeanddate.com/worldclock/">http://www.timeanddate.com/worldclock/</a>.</p>
<b>Address RFI response by e-mail to the attention of:</b>	Supply Chain Officer
<b>E-mail address for Submission of Responses:</b>	<p>Responses must be submitted as follows:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> E-tendering</li> <li><input checked="" type="checkbox"/> Email</li> <li><input type="checkbox"/> Courier / Hand delivery</li> <li><input type="checkbox"/> Other <a href="mailto:iommaiduguribids@iom.int">iommaiduguribids@iom.int</a></li> </ul> <p>Bid submission address: <a href="#">Click or tap here to enter text.</a></p> <ul style="list-style-type: none"> <li>▪ File Format: <a href="#">PDF or Word format signed and stamped</a></li> <li>▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard.</li> <li>▪ All files must be free of viruses and not corrupted.</li> <li>▪ Max. File Size per transmission: <a href="#">30MB in total</a></li> <li>▪ Mandatory subject of email: <a href="#">RFI NG30-24-0384 Purchase of Air Conditioners for Humanitarian Hub</a></li> <li>▪ Multiple emails must be clearly identified by indicating in the subject line “email no. X of Y”, and the final “email no. Y of Y”.</li> <li>▪ It is recommended that the entire Quotation be consolidated into as few attachments as possible.</li> </ul> <p>The proposer should receive an email acknowledging email receipt.</p>
<b>OBJECTIVES OF RFI</b>	
<p>Over 75% of the electricity consumption in the IOM Hub sites is used for air conditioning units in offices and guest residences. Existing installed split window air conditioners have relatively low energy efficiency ratio (EER- Energy Efficiency Ratio and Combined Energy Efficiency Ratio CEER are measures used by the US Department of Energy to measure AC performance. A good EER rating has a value of over 12 (IOM AC units are valued at below 8).</p> <p>Efficient air conditioning units have the potential to save IOM sites money and to greatly increase the performance of the solar electric system. Moreover, intelligently-managed air conditioners will save IOM even more money by a) adjusting their output to specific needs of the location and by b) automatically switching on and off units in rooms where cooling is not needed.</p> <p>IOM intends to procure efficient and intelligently managed air conditioners with monitoring systems to replace old less functional generators.</p>	

We are interested in learning about the range of air conditioners you offer to include capacities and performance.

**DESCRIPTION OF REQUIREMENTS**

We intend to replace over 500 AC units ( with these capacities 1HP, 1.5HP, 2HP, 5HP) which we intend to deploy to remote locations .(Bama, Banki, Monguno, Dikwa, Gwoza, Damasak, Maiduguri, Ngala)

**SPECIFIC INFORMATION IOM IS EXPECTING TO RECEIVE**

Kindly provide us with detailed specifications for the Split (1HP, 1.5HP and 2 HP and Standing (5HP) Air conditioners you have available with the information below.

**High energy efficiency ratings (EER)**

**Quiet operation**

**Moderate start up current surge**

**Remote management capability and internet connectivity**

**Ease of installation**

**Robust design**

**Warranty and Support (After sale support): Details on Warranty and after-sales support services offered by your company.**

No	Feature of AC	Project Requirement
1	Rated Capacity (BTU/h)	>8000 BTU/h
2	Rated Power input (W)	900W to 1500W
3	Rated Voltage.	220-240VAC
4	Surge Power (W)	Maximum draw during startup to <u>be</u> provided
5	Rated frequency (hz)	50 <u>hz</u>
6	Energy Efficiency Rating EER Rating <sup>2</sup>	> 10 rating required
7	Energy Star Rating	Proposals should include units with an Energy Star Rating
8	Noise	Indoor and outdoor noise ratings to be provided
9	Refrigerant / charge type	To be provided
10	Overall physical dimensions	To be provided
11	Monitoring and remote control capability i	The product shall have the capability to receive, interpret and act upon consumer-authorized signals by automatically adjusting its operation depending on both the signal's contents and settings from consumers.

Additionally, please do well to share technical documents, data sheets, brochures, or other resources that provide further insight into your products.

Please note, your proposal should contain full information about your company and previous experience with other clients you had successfully supplied similar types of air conditioning systems to clients in off-grid locations.

- a) Partnerships or established joint ventures with air conditioning suppliers
- b) Details of the company's key staff and their technical qualifications.
- c) Demonstrated experience supplying, installing and maintaining air conditioners in Nigeria and the region
- d) Experience providing after-sale support to clients in previous projects.
- f) Experience providing remotely monitored and controlled AC units
- e) Evidence that spare parts will be availability.

For clarifications or further information, kindly reach out to us through the email address below. Looking forward to receiving the requested specifications.

Focal Person: IOM Maiduguri Tender  
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**NOTE**