

Clarifications for ReFit International Tender 2022

Reference number: Tender/03/RE-FIT/ICU/25/08/2022

Baabda 19/09/2022

No	Question	Clarification
1	Regarding the inverter required certifications do you consider that G99 and G98 can be a replacement for G83/2?	G99 and G98 cannot be a replacement for G83/2.
2	If the inverter has already an integrated over current protection for the DC side (solar panels) is it required to include fuses?.	Yes, it is required to include fuses regardless of the protections of the inverter.
3	The battery bank required to be 19200Wh shall be 400AH per battery for a battery system of 24pcs of 2V batteries. If the existing models are 390AH and 450AH is it possible to choose the 390AH? Or we have to choose the 450AH?	The requirement is to have at least 19200 Wh battery bank.
4	For the earthing system we believe that the max resistance should be 5 Ohms instead of 30 Ohms as per the international standards in order to maintain a high level of protection during summertime.	As per section 2.3 Earthing System (A INFORMATION FOR THE TENDERER): "Place as many earth rods as necessary at the appropriate location as to ensure a resistivity value around 30 Ohm"
5	For some sites the requirement for solar panels capacity is 4000W for an inverter of 5000W which results in a DC/AC ration of 80%. We believe that this ration should be 120% specially that these systems will mostly be used during wintertime (schools).	The inverter size specification of this system is 5000W
6	Regarding the payment terms kindly advise if there is an advance payment or if the payments are based on deliverables only.	<p>According to C) FORMAT OF CONTRACT TO BE SIGNED in Annex7-Tender Dossier Article 5.1</p> <p>5.1 General principles for payments</p> <p>5.1.1 Payments shall be made in Euros</p> <p>5.1.2 Payments per Site. Partial payments must be realized to the contractor per every individual site (Public Buildings) in the following terms:</p> <p>Eighty-Five percent (85%) of the Goods Value shall be paid to the Supplier upon Delivery, Installation, Testing and Acceptance of Goods:</p> <p>Upon receipt of the Goods and submission of the details of shipping, detailed delivery sheets and other documents to be furnished by the Supplier.</p> <p>Final payment Fifteen percent (15%) of Goods Value shall be paid to the supplied after the date of the satisfactory certificate of completion for the respective delivery issued by the ICU and after completing the maintenance</p>

		<p>training for two persons in each site (Public Buildings Completed).</p> <p>For goods and works supplied, the Supplier will submit to the Purchaser detailed delivery and installation notes signed by the ICU representative. Delivery notes should also be submitted in an electronic version indicating the following information: schedule of requirement reference, brief description of item, model number, serial number, number of units delivered, and location of installation.</p> <p>Payment, Transfer of Risks and Liability: ICU will make the payments above upon receipt of complete payment documents. Such payment does not constitute acceptance of the goods nor does it constitute a transfer of risks and liability associated with the delivery, installation, operation, and maintenance of the items.</p>
7	Can we offer lithium battery type in lieu of OPz type?	<p>According to section 3.3.1.2(A INFORMATION FOR THE TENDERER) Type “The battery shall be lead-acid, deep discharge type with a permissible repeated deep discharge without damage. Automotive or starting type batteries are not acceptable under this tender.</p> <p>The batteries shall be OPzS of the open “vented” type and transparent enclosure for easy inspection of electrolyte level.”</p> <p>Lithium batteries are not acceptable</p>
8	Can we offer different inverter manufacturer and not necessarily all inverters have to be from the same manufacturer?	<p>Yes this is a valid option as long as the manufacturers conform with the technical requirements of the tender</p> <p>“The multi-mode inverter for this application is a 5000VA bidirectional sinusoidal inverter and 10000 VA for 2 installations (2 inverters are also acceptable). It can operate in autonomous mode as well as grid-tied mode. Inverters must satisfy these standards to allow feed in to the grid:</p> <ul style="list-style-type: none"> - IEC 62109-1 and IEC 62109-2 Safety Standard or Equivalent - IEC 62116 - IEC 61727 - VDE-ARN 4105 - G83/2 (up to 16A)”
9	Would it be possible to offer Chinese material following the required standards and specifications?	<p>According to Annex 12 - Contract notice for open-international tenders</p> <p>Eligibility of tenderers and origin of the supplies (if applicable)</p> <p>Participation in tender procedures is open on equal terms to all natural who are nationals of and legal persons (participating either individually or in grouping-consortium- of tenderers) effectively established in a Member State or a country, territory or region</p>

		<p>mentioned as eligible by the relevant regulation/basic act governing the implementation of the Union's instruments for external action (CIR) for the applicable instrument under which the contract is financed¹ as per Annex A2a. Tenderers must state their nationality in their tenders and provide the usual proof of nationality under their national legislation.</p> <p>Under CIR (REGULATION (EU) No 236/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down common rules and procedures for the implementation of the Union's instruments for financing external action), supplies may originate from any country if the amount of the supplies to be procured is below EUR 100,000 per purchase. This means that as far as the value of goods originating from a country not included under Annex A2a to the PRAG is below this threshold, the related expenditure should be considered eligible.</p> <p>The tenderer must state the origin of the supplies, and the selected contractor will always have to prove the origin of the supplies. For equipment and vehicles of a unit cost on purchase of more than EUR 5 000, contractors must present proof of origin at the latest when the first invoice is presented.</p> <p>The certificate of origin must be made out by the competent authorities of the country of origin of the supplies and must comply with the rules laid down by the relevant Union legislation. Failure to comply with this condition may result in the termination of the contract and/or suspension of payment.</p>
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