



CLARIFICATION 2

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ނަންބަރު No:	TES/2025/G-002	
ޕްރޮޖެކްޓް Project:	Procurement of materials required for Rooftop Solar Photovoltaic systems of aggregate capacity 1.5MWp for household consumers	
އިޝްތިޔާދު Issued Date	7 th September 2025	
ސަފުހާގެ އަދަދު No. of Pages: -03	އެލިމެންޓް BoQ: -00	ވަޢަންދު Drawings: -00

Please include this Clarification when submitting the bid. ބަދަލުގެ ޖަވާބު 2 ދަށުން ދިވެހިރާއްޖޭގެ ޖުމްހޫރިއްޔާގެ ފުލުހުގެ ވަޢަންދުގެ ދަށުން

➤ Please find below the response to the queries raised.

Contractor Comment	Response/Reference Document
1. Panel Capacity Section 6 specifies a required panel capacity of 400 Wp – 550 Wp. However, these panels are no longer commonly manufactured, as higher-capacity modules with better performance are now available. The use of newer panels in the 600 Wp – 650 Wp range reduces the number of modules required, improves efficiency, and lowers overall system cost. Would it be acceptable to quote using these updated panel capacities while meeting or exceeding other specific requirements?	We accept the use of 600 Wp – 650 Wp panels, provided all other technical requirements are met or exceeded. These higher-capacity modules improve efficiency and reduce module count.
2. Inverter Efficiency Section 6 requires inverters to have an efficiency of >98.2%. For single-phase inverters, nearly all the models listed in the “Preferred make” do not meet this requirement, typically offering >97%. Would it be acceptable to quote single-phase inverters from the preferred brands with efficiency >97%?	Inverter efficiency has to be greater than 98.2% as specified.
3. DC Cable Specification Section 6 states that the DC cable must be XLPE (double insulation). Could you kindly confirm whether XLPE is mandatory, or if standard copper with UV protection type, insulation XLPO DC cables are acceptable?	XLPO (double insulation) and adequate UV protection are also acceptable, provided they meet all relevant electrical and safety requirements.
4. Bid Security Beneficiary Kindly confirm the correct beneficiary address for the bid security.	The Bid Security must be addressed to: Ministry of Finance and Planning, Ameenee Magu, Malé, Maldives.

<p>President, Chairman, or any other authorized person Ministry of Finance and Planning, Ameenee Magu, Malé Maldives.</p>	
<p>5. Confirmation on scope of work Please confirm that the scope of work is the supply and delivery of all items mentioned in section 6 to the islands Feneka Premises.</p>	<p>Yes, we confirm that the scope of work includes the supply and delivery of all items mentioned in Section 6 to the islands' Feneka Premises.</p>
<p>6. Kindly please clarify the following on Section 6: Schedule of Supply.</p> <p>List of spare parts and components to be supplied:</p> <p>List of Accessories</p> <p>List of Special Tools</p> <p>If the delivery for the above items is DDP to the mentioned islands, how should we split the items or where should we deliver them?</p> <p>The number of tools, spares and accessories do not equally match the number of islands.</p>	<p>Special Tools have been removed and Delivery locations have been updated. Kindly check Addendum 03.</p>
<p>7. whether the bid bond can also be submitted in USD equivalent value, and if so, please confirm the exchange rate or conversion method that should be applied for calculating the equivalent amount.</p>	<p>Yes, the Bid Security may be submitted in US dollars or in any freely convertible currency of equivalent value. Regardless of the currency used, the Bid Security must fully comply with all specified requirements, including the form, amount, and validity period.</p>
<p>8. Section 6: Schedule of Supply Weatherproof MCB Enclosure (4P) Please confirm the size of the MCB enclosure, what equipment needs to be installed inside, what is the protection level, and whether it is a rail type.</p>	<p>Enclosure of suitable size to accommodate 4 pole MCB, with rail. Protection Level: IP66 or higher</p>
<p>9. Section 6: Schedule of Supply PV modules made of monocrystalline silicon PERC half-cut cells that comply with IEC 61215 and are manufactured by Tier 1 manufacturers shall be supplied. Performance of all PV modules shall be warranted with more than 95% power output for 5 years and 87% of minimum rated power for 25 years with not more than 0.6% degradation over a period of one year. The bidding document requires the use of monocrystalline silicon PERC half cut cells, and requires 87% of minimum rated power for 25 years. Currently, P-type photovoltaic panels cannot meet this requirement. We hope to use N</p>	<p>The use of N-type monocrystalline PV modules is acceptable, provided that they are manufactured by Tier 1 manufacturers, comply with IEC 61215, and meet the performance requirements specified in the bidding documents.</p>

Type monocrystalline cells. N-type photovoltaic panels can meet the technical requirements and parameter table of the bidding documents, and the technology of N-type is more advanced, with higher battery conversion efficiency, longer effective working time, and nearly zero photoinduced attenuation effect.	
10. In order to ensure a fully compliant and competitive submission, we kindly request that the bid submission deadline be extended by one week.	Extended. Kindly check Addendum 03 .

<p>  Name: Aishath Nadheema </p>	<p>  Signature:  </p>
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