

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



Ministry of Finance
Ameenee Magu, Male', Republic of Maldives

ޖިސަރާތުގެ ފިނާންސް މިނިސްޓްރީ
އިމީނީ މާގު، ފަރާޖު، ރިޕުބްލިކް އޮފް މާލްދީވުސް

CLARIFICATION 1

ފަނޫނީ ޖަވާބު 1

ނަންބަރު No:	TES/2023/G-018		
ފަންޖުގެ ނަންބަރު Project:	Procurement of materials required for rooftop Solar Photovoltaic systems of aggregate capacity 3MWp for household consumers		
ޖަވާބުގެ ތާރީޚު Issued Date	18 th December 2023		
ސަފުހާގެ ނަންބަރު No. of Pages: -04	ބޮޑުވަޅުގެ ނަންބަރު Boq: -00	ޖަހަންތަކުގެ ނަންބަރު Drawings: -00	

Please include this clarification when submitting the bid

މި ޖަވާބު ފަނޫނީ ޖަވާބުގެ ފޮޓޯ ކޮޕީއެކުގައި ހިމާލައިގެން ފޯމުގައި ހަދާ ބިދު ފޮޓޯ ކޮޕީއެކުގައި ހިމާލައިގެން ހުށަހަޅާން ޖެހޭނެއެވެ.

- Please find attached, answers to the queries received.

ނަންބަރު
Name: Aminath Naheen Ahmed

ސަފްޙާ
Signature:




CLARIFICATION 01

#	Document Name	Document Reference	Query	Response
1			Reference: Section 6-12, Performance Warranty for PV Modules Question: It is requested that PV modules are warranted 87% of minimum rated power for 25 years. However, usually tier 1 manufacturers can warrant around 84%. Is this a mistake?	It is not a mistake.
2			Reference: Section 4-21, PV Module requirements Question: It is requested that PV modules shall have a height of <2200. But usually Tier 1 panels of the power requested have a height of 22xx (more than 2200). Can 2300 be accepted?	2300mm is not acceptable. Height should be less than 2200mm as in the bid document.
3			Reference: Section 6-14, Inverter Warranty Question: It is requested that the inverter warranty shall be 10 years from the date of commissioning, but commissioning date is not in the supplier's responsibility, then it cannot be assured. Can this be change to since date of provision/delivery?	Yes, it can be from the date of the delivery.
4			Reference: Section 6-13, Inverter Efficiency Question: It is requested that the inverter efficiency shall be >98.2%, some of the brands listed have lower efficiency than the requested one. Can the efficiency requirement be lowered or ignored if the offer has any of the listed preferred brands?	The efficiency requirement cannot be lowered. It has to be greater than 98.2%.
5			Reference: RCCB Question: Will you specify the fault current rating (mA) for the RCCB, is it different per system type? And can you confirm you need x10 pcs more in the Spare part list for the 4P type?	Yes, we need 10 x "4P, 32 A RCCB, din-rail type conforming to IEC 61008-1". Fault current rating for the RCCB Iis 30mA.
6			Reference: Section 6-7 energy meters Question: It is requested "digital smart energy meter" per system type (Lists 2, 3, 4, 5, 6), and in list 7) another amount is requested (1200pcs of single and 150 of 3phse). Is this the same item requested in both lists or are you referring to a different item?	Have to supply the amounts in the lists.

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7		<p>Reference: Section 6-8, 8) Accessories list</p> <p>Question: Can you share a reference picture of both: the I-lug and O-lug requested? Do you mean I lug as ferrule? And from the same section. The O-lugs requested are 27000 pcs 2.5sqmm and 6sqmm or is it up for the bidder to define.</p>	
8		<p>Reference: Energy meters approved by URA Maldives</p> <p>Question: Can you share a list of approved smart energy meters by the URA Maldives?</p>	<p>Bidders are advised to contact URA Maldives regarding this.</p>
9		<p>Reference: Deadline</p> <p>Question: Can you extend the deadline date for 3 weeks due to the holiday season, and because the physical submission needs 5 working days to arrive on time</p>	<p>No extension can be provided at this time.</p>
10		<p>Bid Validity</p> <p>Due to completely unstable panel prices, we kindly ask to reduce the bid validity from 120 days to 90 days.</p>	<p>Cannot change.</p>
11		<p>Reference: BDS, ITB 11.1 (i)</p> <p>Prior to bid submission, international bidders are advised to seek all applicable foreign investment registration requirements of Maldives which may be required during contract award stage. For more information please visit: http://www.trade.gov.mv/ International foreign companies who are already engaged in any work in Maldives, or have re-registered their entity in the Maldives, or have incorporated a company in Maldives shall be eligible to pay local taxes under tax regulations of the Maldives and shall submit the certificate along with the bid. Winning bidder shall be eligible to pay local taxes under tax regulations of the Maldives. For more information please visit: https://www.mira.gov.mv/</p> <p>Question: Typically, under an ADB tender where international bidders are allowed to participate, local registration is not required. Kindly confirm that this is the case.</p>	<p>In order to participate in the tender, foreign bidders do not require to register as a FDI in Maldives. The successful bidder would need to adhere to the registration requirement as per FDI.</p>




12		<p>Reference: Mounting structure solution</p> <p>Question: Can the solution include drilling the tin roof? Standing-seam solution needs exact measurements of the roofs profile, limiting the final offer.</p>	It is ok drill the tin roof.
13		<p>Reference: Mounting structure solution</p> <p>Question: Can you clarify if you prefer standing-seam or L-foot? Both are options in the tender document.</p>	L-foot is preferred.
14		<p>Reference: O&M tools</p> <p>Question: Can you provide a list of minimum requirements for the O&M tools needed?</p>	It is given in the document.
15		<p>Reference: PV Module Voc>50V</p> <p>Question: Will you accept PV modules with 49 to 50 [V] Voc?</p>	Voc has to be greater than 50V
16		<p>Reference: PV Module Class A</p> <p>Question: Is class A referred to Fire Safety"? Most PV module Tier 1 manufacturers offer Class C</p>	Please use as in the bid document.
17		<p>Reference: General</p> <p>Question: As per NEC, wires need to be protected by conduit, metallic plastic/flex, but this is not specified in the requested BoQ, only PVC trunking, which doesn't last outdoors. Are bidders expected to supply this extra items? If yes, how will you evaluate the bids if more items like these are found not to be part of the tender BoQ but are expected to be supplied by the bidders? Because it will mean a higher price.</p>	PVC trunking is ok.
18		<p>Reference: Bill of quantity, item 19, Design diagram, connection diagram, installation manual, O&M and troubleshooting manual.</p> <p>Question: Are the specific supplier manuals enough?</p>	Supplier manual is enough.

