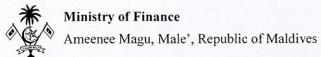
كب الندازمن إرحي



CLARIFICATION 1

مُوْمِرُومٌ عَمْدُ 1

سَرُسُونَهُ مِر No:	TES/2023/G-018			
Project:	Procurement of materials required for rooftop Solar Photovoltaic systems of aggregate capacity 3MWp for household consumers			
Issued Date	18th December 2023			
مَوْرُدُ مُوَرُدُ No. of Pages: -04	30.5.9 Boq: -00	پرورو Drawings: -00		

Please include this clarification when submitting the bid

وفر فروندور و دروم فروندور فروار ومروفر

Please find attached, answers to the queries received.

بزير

Name: Aminath Naheen Ahmed

Signature:

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CLARIFICATION 01

#	Document Name	Document Reference	Query	Response
1	Application and the Tolking and Art Applications are the community and		Reference: Section 6-12, Performance Warranty for PV Modules	It is not a mistake.
			O di Iti was at al that DV ma dulas are vicemented \$70/ of	
			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?	
_			Reference: Section 4-21, PV Module requirements	2300mm is not acceptable. Height should be less
2			Reference: Section 4-21, PV Module requirements	than 2200mm as in the bid document.
			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?	
3			Reference: Section 6-14, Inverter Warranty	Yes, it can be from the date of the delivery.
			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?	
4			Reference: Section 6-13, Inverter Efficiency	The efficiency requirement cannot be lowered. It
				has to be greater than 98.2%.
			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?	
5			Reference: RCCB	Yes, we need 10 x "4P, 32 A RCCB, din-rail type
			O Will	conforming to IEC 61008-1". Fault current rating for the RCCB lis 30mA.
			Question: Will you specify the fault current rating (mA) for the	Fault current rating for the RCCB its 30mA.
			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?	Have to supply the amounts in the lists.
6			Reference: Section 6-7 energy meters	Trave to supply the amounts in the lists.
			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?	

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7	Reference: Section 6-8, 8) Accessories list	
	Question: Can you share a reference picture of both: the l-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.	
8	Reference: Energy meters approved by URA Maldives Question: Can you share a list of approved smart energy meters by the URA Maldives?	Bidders are advised to contact URA Maldives regarding this.
9	Reference: Deadline 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	
10	Bid Validity Due to completely unstable panel prices, we kindly ask to reduce the bid validity from 120 days to 90 days.	
11	Reference: BDS, ITB 11.1 (i) 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/	Maldives. The successful bidder would need to adhere to the registration requirement as per FDI.
	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.	
	required. Kindly confirm that this is the case.	Page 3 of

12	Reference: Mounting structure solution	It is ok drill the tin roof.
	Question: Can the solution include drilling the tin roof? Standing-seam solution needs exact measurements of the roofs profile, limiting the final offer.	
13	Reference: Mounting structure solution Question: Can you clarify if you prefer standing-seam or L-foot?	L-foot is preferred.
14	Both are options in the tender document. Reference: O&M tools Question: Can you provide a list of minimum requirements for	It is given in the document.
15	the O&M tools needed? Reference: PV Module Voc>50V	Voc has to be greater than 50V
16	Question: Will you accept PV modules with 49 to 50 [V] Voc? Reference: PV Module Class A	Please use as in the bid document.
17	Question: Is class A referred to Fire Safety"? Most PV module Tier 1 manufacturers offer Class C Reference: General	PVC trunking is ok.
	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.	
18	Reference: Bill of quantity, item 19, Design diagram, connection diagram, installation manual, O&M and troubleshooting manual. Question: Are the specific supplier manuals enough?	Supplier manual is enough.