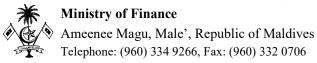
كب المدازحمن إرحيهم



وبرساعی بر از وبربرت در بردد ، در، دردربرد

CLARIFICATION 1

موبروس شوسر 1

سرَسْرْهَ مَر No:	TES/2024/G-005		
Project:	Procurement of Design, Supply and Installation of Grid-tied Solar PV- Diesel Hybrid Power Generation Plants in 7 inhabited islands of Gaafu Alifu Atoll and 2 inhabited islands of Gaafu Dhaalu Atoll in Maldives		
گرمیربر Issued Date:	17th Septembe	er 2024	
ار در المراز ال	BoQ: -00	Drawings: -00	

وع المناهدة و المنافذة المناف

> Answers for the are attached with this Clarification.



NO.	Reference	Requirement Description	Query	Response
1	Section 6: the Table Selected locations of Section 2. 8 to 2.16 Section 6: 3.2.4 Mounting Structure	In the Table Selected locations in section 6, a total of five kinds of installation methods are proposed, respectively: 1. Ground Mount 2. Ground Mount with Roof/GM with Roof 4. Roof-top But in the part of Technical Specifications Mounting structure in the bid, only have two installation methods, Installation Rooftop installation and Ground mounted installation.	Please determine which installation methods are required and tell us what the differences are between them. It is best to provide photos showing the case.	Three types are used: GM, GM with roofing sheet, and roof-top. In all these types, the roof must be waterproof.
2	Section 6: 3.2.4.3 Ground mounted installation	Roofing sheets suitable for coastal area shall be used in all ground mounting structures.	Please specify what type of roof you need. Can you provide photos of actual cases	Details are given in the Section 6. Please propose roofing sheets that meets the requirement.
3	Section 6: 3.2.4.3 Ground mounted installation	1. Minimum distance between two rows imposed: 2.8m allowing a small vehicle to drive between the rows without risk of damaging the modules. The size of the tables will actually be defined by the size of PV modules considering as well the orientation and the tilt. 2. The Contractor shall ensure that the table size meet the recommendation from the PV module manufacturer (i.e. gap between the modules) and the site boundary conditions such as distances to roads, fences and adjacent tables.	What's mean of the 'table' ? PV subarray? or other.	The "tables" refer to the mounting structures that hold the PV modules in place.

4	Section 6: 3.5.6 Distribution Boxes (DBs) Section 4: Price Schedules Section 4: Form Data Sheet for Distribution Boxes	Section 6: 3.5.6 Distribution Boxes (DBs) Section 4: Price Schedules Section 4: Form Data Sheet for Distribution Boxes	In Section 6 'Distribution Boxes (DBs)' and Section 4 'Form Data Sheet for Distribution Boxes', there are requirements for distribution boxes. However, in 'Section 4: Price Schedules' we do not find any list of power distribution boxes or section containing the contents of power distribution boxes. Also, in the specific description of each island in Section 6, we do not find any island that has a need to replace or retrofit the distribution box. So our question is whether we need to provide a distribution box, and if so, what quantity needs to be supplied.	Please check the drawings provided with the bid documents.
5	Section 6: 1.2 Scope of work	replacement of existing main LV distribution board in Power house with new LV distribution board	To Annex 1: P01-kolamaafushi-lvdb as an example, do we need to replace all LVDB? If not, Please indicate what we need to replace in the 'CONCEPTUAL SCHEMATIC DIAGRAM FOR LV DISTRIBUTION BOARD OF POWER HOUSE' for islands where LVDB needs to be replaced.	If the bid says "Replacement of Main LV Distribution board in Powerhouse" that means replace all LVDB.
6	Section 3: 2.5 Subcontractors and Manufacturers	Selected cables must be type tested as per relevant IEC/BS standards and shall meet the local Maldives Energy Authority requirements.	Please clarify the requirements of the Maldives local Energy Authority for LV cables	Please refer https://www.ura.gov.mv on the requirements



7	Section 6: 3.2.5 PV Inverters	Necessary auxiliary power supply shall be provided by Contractor.	Please specify what kind of auxiliary power supply is required	The auxiliary power supply for a PV inverter is power source used to supply the necessary electrical power to the inverter's control and monitoring systems when the main inverter is not generating power or is in standby mode. The supplier can propose type auxiliary power supply.
8		we would like to request an extension of the bid submission deadline. So could you please review this request and advise on the possibility of extending the deadline?		Bid Submission Deadline will be extended to 03rd October 2024.

