



**CLARIFICATION 01**

S/N	DOC/REF NO.	CLARIFICATION / QUERY	RESPONSE																												
1	Section 2 ITB 13.1, alternative bids are not permitted ITB 13.2, alternative time schedule is not permitted ITB 13.4 alternative technical solutions "None" Section 3 1.2, Alternative Technical Solutions: Not Applicable	Kindly confirm if it is possible to recommend options for improvement (length of blade, turbine diameter to be more than 10m, tower height more than 18m, etc)	Yes, it is possible to recommend alternative technical solutions for Wind Turbine Parameters and Capacity. Kindly refer to Addendum 01.																												
2	Section 3 1.3.2 Timeschedule Pre-commissioning Activities: 365 days O&M Support Services: 365 days Total contract period is 730 days Section 6 Pre-Development: 6 months Installation, Testing & Commissioning: 6 months Pilot Operations: 12 months	Is it possible for Pre-Development, Installation, Testing, and Commissioning to take 12-14 months?	No, total duration has to be maximum 12 months.																												
3	Schedule No. 1, Pre-Development Studies	Kindly advise what does CIP (Column 6) mean?	This should be DDP as per ITB 18.4(a)(i). Kindly refer to Addendum 01.																												
4	Schedule No. 1, Pre-Development Studies Schedule No. 2, Plant and Mandatory Spare Parts Supplied from Abroad	Kindly advise the meaning of Column 8 (Taxes and duties, Local Currency)	Bidders are required to quote their prices, giving details of taxes paid or payable in the Employer's country. Kindly refer to Addendum 01 for Revised Price Schedules.																												
5	Schedule No. 1, Pre-development Studies A.1 Feasibility Study Schedule No. 4, Design Services 1. Front-End Engineering Design	Kindly advise the difference of Feasibility Study & Front-End Engineering Design	Feasibility Study typically includes: Site investigation, Resource Assessment, Conceptual Design, Scenario assessment, Environmental impact statement/assessment (EIS/EIA) Techno-Economic Assessment, Cost and profitability forecasting, Modeling and system analysis  Front-End Engineering Design (FEED) follows after the Feasibility Study and covers basic engineering including preparations of plot area, technical specifications for the power system (including balance of plant), and other aspects beyond the conceptual design covered in the Feasibility Study.																												
6	Section 06 - 2.3 Climate Conditions	Please confirm from which weight the given wind data (Section 06 - 2.3 Climate Conditions) is measured at, we would need these data for simulation purposes.	The wind data were taken from Maafuru Airport (at -10m).																												
7		The tender specifies 25kW turbine which is a very specific output requirement. Our range of turbines includes 5.5/13/20/60kW/p models therefore we would look to deviate from the 25kW rating. As the tender is for the "Pre-Development Study, Design, Supply and Installation and Maintenance of Pilot Wind Renewable Energy for Manadicho Island" can we deviate from the 25kW as this will significantly limit the number of vendors who can respond for the tender. Can we request you consider a range of turbines to allow the bid to be opened to manufacturers who do not have a specific 25kW unit.  The input data set for the simulation with HOMER Proff is mandatory to be used so that all Bidders base their yield forecast on the same wind resource parameter and advanced wind resource parameter values.  Table 2-1: Monthly wind speed data of Maafuru <table border="1"> <thead> <tr> <th>Month</th> <th>Mean Wind Speed</th> </tr> </thead> <tbody> <tr> <td>Jan</td> <td>2,500</td> </tr> <tr> <td>Feb</td> <td>2,023</td> </tr> <tr> <td>Mar</td> <td>3,964</td> </tr> <tr> <td>Apr</td> <td>6,131</td> </tr> <tr> <td>May</td> <td>6,323</td> </tr> <tr> <td>Jun</td> <td>6,192</td> </tr> <tr> <td>Jul</td> <td>5,904</td> </tr> <tr> <td>Aug</td> <td>5,453</td> </tr> <tr> <td>Sep</td> <td>5,830</td> </tr> <tr> <td>Oct</td> <td>5,808</td> </tr> <tr> <td>Nov</td> <td></td> </tr> <tr> <td>Dec</td> <td>2,481</td> </tr> <tr> <td>2021</td> <td>4,789</td> </tr> </tbody> </table> Single Stage Tender/Package Procurement of Plant Bidding Document for Manadicho Pilot Wind Renewable Energy Project  Section 4 - Tenderer's Requirements 3.4	Month	Mean Wind Speed	Jan	2,500	Feb	2,023	Mar	3,964	Apr	6,131	May	6,323	Jun	6,192	Jul	5,904	Aug	5,453	Sep	5,830	Oct	5,808	Nov		Dec	2,481	2021	4,789	Yes, it is possible to recommend alternative technical solutions for Wind Turbine Parameters and Capacity. Kindly refer to Addendum 01.
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8		we would like to know if we can produce a "intend to partner for JV" letter from our partner during the bid submission.	Letter of Intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all partners and submitted with the Bid, together with a copy of the proposed agreement.																												
9		Please provide further clarification regarding the manufacturer details regarding the capacity of the wind turbines	With regards Section 3 Chapter 2.6 Item No. 1, the Minimum Requirements for the Wind turbine Manufacturer are  -Tier 1 manufacturer only. (i.e. "Manufacturers put together the final wind turbines and prepare them for installation.") -Must be in the relevant manufacturing business within the last five (5) years. -Must have shipped at least five hundred (500) kW outside of manufacturer's country in the past 3 years (i.e. from 2021 to 2024). -Selected products/product class for the project must have at least two (2) years of reliable operation with an aggregated capacity of at least fifty (50) kW outside manufacturer's country.																												
10		Bidder (Party A) arranging a joint venture with another company (Party B) which will be named under the "Party A-Party B Joint Venture Agreement".  Party B will arrange the Bank Guarantee  Could you kindly advise which company should be reflected on the Bank Guarantee? Should it be:  § Party A (Company A) or?  § Party B (Company Name), or?  § Party A-Party B Joint Venture Agreement?	The bid security of a Joint Venture shall be in the name of the Joint Venture that submits the Bid. If the Joint Venture has not been legally constituted at the time of bidding, the bid security shall be in the name of any or all of the Joint Venture partners.																												
11	Table 50, Indicative Costing including Contractor Staffing Cost	Kindly confirm if the highlighted portions are part of the Contractor's scope	These Indicative Costs in Table 50 of Annex 1 in Section 6 are not only for the Wind Pilot Project but for multiple projects in the wider program supported by ADB in the Maldives.  The Bidder should comply with the Personnel requirements as indicated in the Bid documents (such as those indicated in Section 4 page 82, i.e. -Environmental and Social Manager (Environmental Specialist) -Health and Safety Specialist -Terrestrial Ecologist																												

**Table 50: Indicative Costing for Environmental Management Plan Implementation**

Mitigation Measures	Estimated Cost in \$	Budget Source
PMU Consultant Support		
PMU Environment Officer for the 5-year implementation period (@2000/month for 5 years)	120,000	PMU Consulting Services Budget
PMU Social (Community Liaison) Officer for the 5-year implementation period (@2000/month for 5 years)	120,000	
PMU Consultant Support		
International environmental specialist (1 for 6.6 PM implementation @ 7,500/month)	107,250	PMU Consulting Services Budget
National environmental specialist (1 for 12 PM implementation @ 7,500/month)	90,000	
National terrestrial ecologist (1 for 12 PM implementation @ 7,500/month)	22,500	
National marine ecologist (1 for 12 PM implementation @ 7,500/month)	90,000	
EQIP Training Cost - see training table for details of activities	18,000	
IA 6663 Consultant Support		
International marine ecology expert (1 x a 6 PM implementation @ 25,000/month)	112,500	ADB TA Budget
EQIP Training Cost - see training table for details of activities	1,000	
<b>Contractor Staffing Costs</b>		<b>Contract Cost</b>
E&S Expert (@ 1,500/month for 36 months X up to 13 contract packages/lots)	702,000	
Health and safety Expert with NEICO/IOSH (@ 1,500/month for 36 months X up to 13 contract packages/lots = additionally EHS officers and health and safety stewards are required for packages/lots having multiple islands/sites the numbers of which are unknown and will need to be determined by the contractor based on their scope of work)	702,000	
Terrestrial Ecology Expert - Wind Pilot (@ 1,500/month for 36 months)	54,000	
Marine Ecology Expert - Ocean Pilot (@ 1,500/month for 36 months)	54,000	
Implementation of Existing Facilities Corrective Action Plan @ \$4,000 per substitution	160,000	PERAKA O&M Budget
Contractor's Mitigation Plan Cost including PPE provision @ 1% of 60M contract cost for 13 contract packages/lots	516,000	Contract Cost
Contractor's Environmental Monitoring - see EMCP (Appendix 16) for details of activities	127,500	Contract Cost
Compensatory Reforestation (1.5)	25,000	E&S Mitigation Budget Counterpart Fund
EQIP application cost: Ongoing Consultation, GRM Implementation, including COVID-19 Precautions for Consultation or GRM Meetings to cover ad hoc cost of printing leaflets, purchasing masks and hand sanitizers for consultants, hire of venue or food purchases etc. (1.5)	25,000	E&S Mitigation Budget Counterpart Fund
<b>TOTAL</b>	<b>2,980,750</b>	

ADP = Asian Development Bank, EHS = Environmental, Health, and Safety, EQIP = environmental management plan, EMCP = environmental monitoring plan, GRM = grievance redress mechanism, IOSH = institute of occupational safety and health, NEICO = National Examination Board in Occupational Safety and Health, PMU = Project Management Consultants, PPE = personal protective equipment.

