

Response to Pre-Proposal Clarification No. 02 from Proposer M/s Ghulam Rasool & Company on RFP/EPC Bidding Document of Package-III: Electro-Mechanical Works of ALHPP

Sr. No.	Reference	Tender Specifications	Clarification Requested	Replies by AHMC
1.	Criteria 4.2(b) Experience in Key Construction Activities, Section-III, Evaluation and Qualification Criteria, Volume-I, RFP/EPC Bidding Document	The proposed Suppliers must demonstrate at least Twenty (20) years of business starting from January 01, 1997 on International Projects outside their Home countries with similar Equipment designed according to International Standards	The Proposer request to amend this Criteria to "The proposed Suppliers must demonstrate at least Twenty (20) years of business starting from January 01, 2006 on International Projects outside their Home Countries with similar Equipment designed according to International Standards" for Hydraulic Steel Structure Gates, Transformers and 132kV Switchyard Equipment. The Proposer assure Employer to use OEMs who have previously supplied 132 kV HV Switchgear Equipment, Transformers in Pakistan and Hydraulic Steel Structure Gates in Pakistan.	Noted. The provisions of RFP/EPC Bidding Document shall prevail.
2.	Section 3 Electrical Plant Equipment - Under Generator Specifications - 3.1.6 Efficiency and Losses, Part-II Technical Provisions, Volume-II, RFP/EPC Bidding Document	The Generator efficiency when operating at the rated output, 0.8 lagging to 0.9 leading, 11 kV, 50 Hz, shall not be less than 98%	For low speed low output Generators Efficiency is usually less. For Attabad Lake Hydropower Project (54MW) Generator capacity is about 18 MW and speed is 375 rpm. We request to amend the Generator Efficiency requirement to 97%.	Noted. The provisions of RFP/EPC Bidding Document shall prevail.
3.	Section 6.3 Switchyard and Line End Bays Design - Sub-Section 6.3.3 Electrical Design Parameters, Part-II Technical Provisions,	Minimum clearance from lives part to ground = 1750 mm	Could you please clarify what this clearance means? If this means phase-ground clearance, this requirement of 1750 mm is beyond the 132 kV AIS Equipment. To meet this requirement 252 kV Equipment rating shall be used.	Noted. It is clarified that 1300 mm is the minimum clearance from live part to ground as per IEC Standard and 1750 mm is Project requirement for clearance from live part to

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	Volume-II, RFP/EPC Bidding Document			ground. Please follow the provisions of RFP/EPC Bidding Document without changing the voltage level.