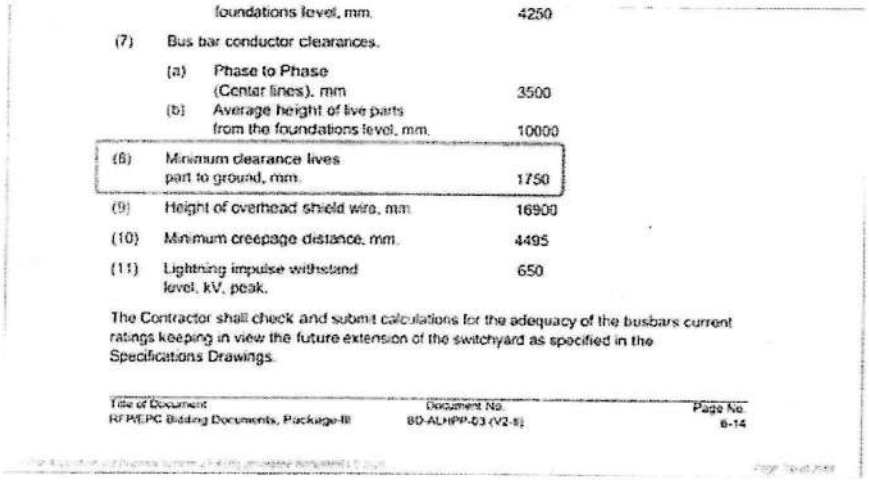
AHMC

Responses to Pre-Proposal Clarification No. 02 from Proposer M/s Al-Fajr International on RFP/EPC Bidding Document of Package-III: Electro-Mechanical Works of ALHPP		
Sr. No.	**Clarifications from Proposer**	**Replies by AHMC**
1.	The Proposer refer to the bidding process for the Package-III: Electro-Mechanical Works of Attabad Lake Hydropower Project (54MW) and would like to express his appreciation for the opportunity to participate in this prestigious Package of the Project. The Proposer respectfully request an extension in the Proposal submission deadline to allow prospective Proposers sufficient time to prepare a technically responsive Proposal. Given the complexity and significance of the Project, additional time is required for detailed review of the RFP/EPC Bidding Document, coordination with the Equipment Manufacturers and Suppliers, finalization of technical solutions, and preparation of a comprehensive Proposal that fully meets the critical Employer's requirements. Furthermore, the Proposer note that the Employer has issued an Addendum No. 01 to RFP/EPC Bidding Document dated May 21, 2026 containing numerous Contractual and Technical amendments and revisions to the RFP/EPC Bidding Document. These changes require careful review and assessment by Proposers to ensure full compliance with the revised requirements. Additional time is therefore necessary to adequately incorporate the amendments into the technical and financial proposals and to obtain updated quotations, commitments, and supporting documentation from relevant stakeholders and Equipment Manufacturers.	Noted. It is hereby clarified that the extension in Proposal submission deadline has already been under consideration to facilitate Prospective Proposers. This request is being reviewed after due consideration of the prevailing circumstances, including the need for Proposers to coordinate with E&M Equipment Manufacturers and Suppliers, prepare technically responsive and commercially competitive Proposals. The extended Proposal submission date will be communicated through Addendum No. 02 to RFP/EPC Bidding Document which will be uploaded on EPADS v2.0 in due course of time.
2.	**Explanation Regarding the Replacement of Equipment in the Step-up Sub-Station with Higher Voltage Class Products by the Manufacture** Technical Specification content:	Noted. It is clarified that 1300mm is the minimum clearance from live part to ground as per IEC standard whereas 1750 mm is the Project requirement. Pease follow the provisions of RFP/EPC Bidding Document without changing the voltage level.

Responses to Pre-Proposal Clarification No. 02 from Proposer M/s Al-Fajr International on RFP/EPC Bidding Document of Package-III: Electro-Mechanical Works of ALHPP		
Sr. No.	**Clarifications from Proposer**	**Replies by AHMC**
	Part-II, Technical Provisions, Volume-II, RFP/EPC Bidding Document **6.3.2.3 Altitude** The height above mean sea level of the switchyard Site is almost 2500 meters. Part-II Technical Provisions, Volume-II, RFP/EPC Bidding Documents  foundations level, mm. 4250 (7) Bus bar conductor clearances. (a) Phase to Phase (Center lines), mm 3500 (b) Average height of live parts from the foundations level, mm. 10000 (8) Minimum clearance lives part to ground, mm. 1750 (9) Height of overhead shield wire, mm 16900 (10) Minimum creepage distance, mm. 4495 (11) Lightning impulse withstand level, kV, peak. 650 The Contractor shall check and submit calculations for the adequacy of the busbars current ratings keeping in view the future extension of the switchyard as specified in the Specifications Drawings. Title of Document: RFP/EPC Bidding Documents, Package-III Document No.: 80-ALHPP-03 (V2-II) Page No.: 6-14 From the RFP/EPC Bidding Technical Document, the Proposer have identified that the Project is actually located at a high altitude and has special clearance requirements (higher than those specified in IEC Standards). Therefore, Proposers have to quote Equipment rated for a higher voltage level. The Proposer has selected a voltage level of 145 kV. Based on this requirement, the minimum clearance from live parts to ground would be only	

Responses to Pre-Proposal Clarification No. 02 from Proposer M/s Al-Fajr International on RFP/EPC Bidding Document of Package-III: Electro-Mechanical Works of ALHPP		
Sr. No.	**Clarifications from Proposer**	**Replies by AHMC**
	1,300 mm, which does not meet the RFP/EPC Bidding Document requirement of 1,750 mm minimum clearance from live parts to ground. Therefore, the Proposer now intend to select 200 kV product. For this product, the minimum clearance from live parts to ground is 2,100 mm, which satisfies the RFP/EPC Bidding Document requirement. Whether upgrading the voltage level of 200 kV complies with the RFP/EPC Bidding Document requirements remains to be confirmed.	
3.	**Regarding the Addendum No. 01 to RFP/EPC Bidding Document issued for selecting SF6 Gas Type Circuit Breakers for the 11 kV Generator Outlet** The Addendum No. 01 to RFP/EPC Bidding Document issued by the Employer requires that the 11 kV Generator outlet Circuit Breaker be of the SF6 Gas type. The specifications required in the drawings and the technical specification are 1600A–40kA. Based on Proposer inquiries, no Domestic or International Equipment Manufacturer produces an SF6 Gas Type Circuit Breaker that achieves this current rating and breaking capacity. The commonly available models are SF6-12/1250–31.5kA. For example, a Manufacturer has a 1600 A model, but its breaking capacity is only 31.5 kA, and these are all conventional SF6 Gas Type Circuit Breakers. The Generator outlet Circuit Breakers have high requirements for DC component, rate of rise of transient recovery voltage (RRRV), and out-of-step breaking capacity. Therefore, it is recommended to select a vacuum type Generator Circuit Breaker specifically intended for Generator Outlet applications.	Noted. The 11 kV Generator outlet Circuit Breaker shall be permitted to have SF6/VCB type. The current carrying capacities of 1600A-40kA shall be followed as specified under Technical Specifications, Volume-II, Part-II of the RFP/EPC Bidding Document.