

## LIST OF ISSUES FOR HEARING

### FEASIBILITY STAGE TARIFF PETITION OF 150 MW SHARMAI HYDROPOWER PROJECT OF SAPPHIRE HYDRO LIMITED (SHL) LOCATED ON PANJKORA RIVER OF DISTRICT DIR, KHYBER PAKTUNKHAWA

1. Whether the project design/feasibility study has been approved by the competent Authority/forum?
2. Whether consent of the power purchaser and approved Interconnection Study has been obtained and whether the Project has been included in the IGCEP of NTDC or otherwise?
3. Whether NOCs have been obtained from the relevant Irrigation and Environmental Protection departments?
4. Whether the claimed plant Capacity factor of 52.29% and net annual Energy of 689.839 GWh stage, is justified?
5. Whether the construction period of 4.5 years (54 months) is justified?
6. Whether the requested EPC cost of US\$ 316.252 million is justified?
7. Whether the requested Custom duty, import tax and Sindh Infrastructure Cess calculated at an average rate of 6.05% (Provisional cost of US\$ 3.277 million) on import of plant and equipment is justified?
8. Whether the requested non EPC costs amounting to US\$ 39.116 million Charges is justified?
9. Whether the Lenders Financial Fee amounting to 6.390 million claimed is justified?
10. Whether tariff control period of 50 years is justified?
11. Whether the Water Usage Charge payable to Government of Khyber Pakthunkhawa based on actual energy assumed at 0.425 PK/kWh is justified?
12. Whether the claimed per annum O&M cost of US\$ 7.455 million for Fixed O&M in the ratio of 80% foreign and 20% local during operations is justified?
13. Whether the claimed Insurance cost per annum for the operation period based at 1% of the EPC cost justified?
14. Whether the proposed terms of 100% foreign debt financing i.e. spread of 4.6% and Interest during Construction (IDC) is justified?
15. Whether the Return on Equity (ROE) and Return on Equity during Construction (ROEDC) computed at 17% is justified?
16. Any other issues the Authority deems appropriate.