

Addenda Amendment to BID Document Project for Renovation and Modernization of Umiam-Umtru Stage III Hydroelectric Power Station : Rehabilitation of Electro Mechanical Equipments (Volume-II of II)					
SI No		Page	Clause	Description of the existing bid	Amended to
1	Volume II of II SECTION VI	4	1.1 Turbine and its auxiliaries Part "l" Column 1	Through-flow type MIV and its servomotor	Main inlet Valve and its servomotor
			1.1 Turbine and its auxiliaries Part "l" Column 4	To replace the existing spherical valve with thruflow type valve including adjusting pipes. Modification work of existing concrete foundation is also to be done	To replace the existing spherical valve including adjusting pipes. Modification work of existing concrete foundation is also to be done if required.
2	Volume II of II SECTION VI	4	1.1 Turbine and its auxiliaries Part "k" Column 4	New upper/lower draft tube cone, including adjustable rings. .	New upper/lower draft tube cone, including adjustable rings. The embedded draft tube liner shall be inspected and repaired as directed
3	Volume II of II SECTION VI	5	1.10 Penstock Valves Column 4	Two sets. Including dedicated power supply to valve house from Power house. Dedicated & independent control system for each unit to be provided. Complete replacement is needed to enable SCADA control operation.	Two sets. Including dedicated power supply to valve house from Power house. Dedicated & independent control system for each unit to be provided. Complete replacement is needed to enable SCADA control operation. Upstream and Downstream Connections of Penstock Valve shall be tested and repaired.
4	Volume II of II	6	2.1.(a) Generator and Its Auxiliaries	Stator core	Stator core including stator frame

	SECTION VI				
5	Volume II of II SECTION VI	11	S.2. Turbines and their Auxiliaries	The contractor is required to conduct the hydraulic study of the existing parameters and Power House cut outs and offer maximum output (with at least 10% overload), at rated head and above with available discharge. The offer with maximum output matching to existing structure shall be given due consideration during evaluation.	The contractor is required to conduct the hydraulic study of the existing parameters and Power House cut outs and offer maximum output (with at least 10% overload), at rated head and above with available discharge. The bidder should offer with maximum output matching to existing structure. Each turbine shall be capable of delivering a guaranteed output of not less than 33.00 MW at generator terminal when operated at a designed head and at rated speed of 428.6 rpm.
6	Volume II of II SECTION VI	12	S.2.1(10)	Thru-flow Type Inlet Valve and By-pass Valve	Main Inlet valve and By-pass Valve. (Upstream and Downstream Connections of Inlet Valve shall be tested and repaired)
7	Volume II of II SECTION VI	12	S.2.1 (9)	Replacement of Draft Tube Liner	Repairing of Draft Tube liner (Cleaning and repairing as per requirement, testing & painting of Draft tube liner)
8	Volume II of II SECTION VI	13	S.2.1 (10) Thru-flow Type Inlet Valve and By-pass Valve	- Replacement of inlet valve - Replacement of inlet valve servomotor - Replacement of by-pass valve	- Replacement of inlet valve - Replacement of inlet valve servomotor - Replacement of by-pass valve -Repair of inlet pipe and outlet pipes including flanges
9	Volume II of II SECTION VI	13	S.2.2. (Design Data of Existing Turbines	EL. 500.973 m	EL. 501.3 m

			c) Centre line of turbine distributor		
10	Volume II of II SECTION VI	19	S.11(a) (a) Penstock valves and by-pass valves	To be replaced completely with new ones with all the associated accessories.	To be replaced completely with new ones with all the associated accessories. Upstream and Downstream Connections of Penstock Valve shall be tested and repaired.
11	Volume II of II SECTION VI	25	S.23	Communication Facilities	This item is deleted
12	Volume II of II SECTION VI	8	SI 2.11	Communication Facilities	This item is deleted
13	Volume I of II SECTION VI	103	Appendix 5 Si no 20	Communication system	This item is deleted
14		104	Appendix 5 Si no 21	Internet Facilities	This item is deleted