

BILL OF MATERIAL FOR ETC PACKAGE
Field Trial of 765kV Equipment at Seoni Substation , PGCIL

1. Sl. No.	2 Description	3 Unit	4 Qty.	5 Rate (Rs.)	6 Amount (Rs.)	7 Remarks
1	DISMANTLING WORK					
1.1	Dismantling , Shifting & placement on new foundation for the existing customer supplied 500 MVA, 765/400 kV Single phase Auto Transformer complete with all tap changers,cooler bank,RTCC & Auxilliaries including HV connectors, MK, Oil filtration/filling cabling,HVW spray system network around the transformer etc. Packing & transportation to storage site of existing piping work of cooler group including blanking of pipes where ever needed.	Nos.	1			
1.2	Dismantling , Shifting , Packing & Storage of the existing customer supplied 765kV Circuit Breaker without closing resistor (3 Ph.) alongwith Support Structure Rigid / Expansion type terminal connectors for Al tube / ACSR Moose, Breaker Control Cabinets and interpole cabling	Nos.	1			
1.3	Dismantling , Shifting , packing & Storage of the existing customer supplied 765kV CT 1 Phase, complete with Rigid / Expansion type terminal connectors for Al tube / ACSR conductor	Nos.	1			
1.4	Dismantling , Shifting, packing & Storage of the existing customer supplied 765 kV CVT 1 Phase, complete with Line terminal connector	Nos.	1			
2	MATERIAL Receipt Erection , Testing & Commissioning					
2.1	500 MVA, 765/400 kV single phase Auto Transformer complete with all tap changers,cooler bank,RTCC & Auxilliaries including HV connectors, MK, Oil filtration/filling cabling , HVW spray system network around the transformer etc.	Nos	1			
2.2	80MVAR,765kV single phase Shunt Reactor including HV connectors,MK, Oil filtration/filling cabling etc.	Nos.	1			
2.3	765kV Circuit Breaker without closing resistor (3 Ph.) alongwith Support Structure Rigid / Expansion type terminal connectors for Al tube / ACSR Moose, Breaker Control Cabinets and interpole cabling	Nos.	1			
2.4	765kV CT 1 Phase, complete with Rigid / Expansion type terminal connectors for Al tube / ACSR conductor and associated structure	Nos.	1			
2.5	765 kV CVT 1 Phase, complete with Line terminal connector and associated structure	Nos.	1			
2.6	765 kV BPI complete with terminal connector and associated structure	Nos.	3			
2.7	145 kV BPI complete with terminal connector and associated structure	Nos.	3			
2.8	5" Aluminium Tube	meter	100			
	3" Aluminium Tube	meter	100			
2.9	75x12 mm GI Flat	meter	50			To be used for earthing work. Welding work included.
2.10	MS Rod	Meter	200			
2.11	40mm 3 m long Pipe Electrode	Nos	1			
2.12	Cable Gland	Nos	50			
2.13	Cables (PVC)					
	4C x 16 sqmm	Meters	1000			
	10C x 2.5 sqmm	Meters	1000			
2.14	PVC Pipe	Meters	100			
2.15	Marshalling Kiosk	Nos	1			
	Total amount (Rs.)					