

Annexure-A

Sl.No.	Item Description	Unit	Quantity
A	BHEL Items		
1	400KV outdoor type SF6 Circuit Breakers		
1.1	400KV Interrupter poles and operating mechanism	Nos	3
1.2	SF6 gas filling and evacuating units	Nos.	1
1.3	20% spare gas for 12 Nos. 400kV Breakers	Lot	1
2	400KV Outdoor type Current Transformer		
2.1	Line CTs	Nos.	3
2.2	GT Bay CTs	Nos.	3
3	400KV Outdoor type Capacitive voltage Transformers	Nos.	2
4	Control and Realy Panels		
4.1	Line protection sets (relays only)	complete set	1
4.2	Generator protection sets (relays only)	complete set	1
4.3	LBBU Protection Relay	Nos.	1
5	SCADA Spares	Lot	1
B	Bought out items		
1	400KV Disconnecter Switches HCB Type		
1.1	GoD with earth switch (complete with drive but without structure.)	Nos (single phase unts)	3
1.2	GoD (complete with drive etc but without structures.)	Nos (single phase unts)	3
2	360KV Station Class Outdoor Surge Arrestor	Nos.	3
3	11KV Line Insulators with hardware	Nos.	75
4	Clamps and connectors and hardware	% of each type	10
5	ACSR Moose Conductor	mtrs	250
6	400KV Outdoor type Electromagnetic voltage transformers	Nos.	1
7	EPABX SYSTEM		
	2W/4W Tie line Interface card for PLCC	Nos.	1
	Analog Extensions card	Nos.	2
	Table Top Telephone	Nos.	3
	Wall Mounted loud ringing telephone	Nos.	1
	Telephone socket	Nos.	6
8	PLCC		
	Protection Couplers (4 Commands)	Nos.	1
	Set of Electronic card for each type of PLCC terminal	Set	1

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Sl.No.	Item Description	Unit	Quantity
9	LV Switchboard		
	Auxillary relays	1 set of each rating	1
	Timers	1 set of each rating	1
	Busbar support insulators	1 set	1
	Gaskets	1 set	1
	Current transformer	1 no. of each type	1
	MCCB	2 nos. of each rating	1
	ACB	1 no. of each rating	1
	MCB	2 nos. of each rating	1
	Indicating lamps	2 nos. of each type and rating	1
	Current transformer	1 no. of each type	1
	Voltage Transformer	1 no. of each type	1
	Indicating Instruments	1 no. of each type	1
	Measuring Instruments	1 no. of each type	1
	Selector switches	1 no. of each type	1
	Push Buttons	2 nos. of each type	1
	Contactors	1 set of each rating	1
	Bimetallic thermal elements to suit motors	1 no. for each motor rating	1
	Switch disconnectors	1 no. of each rating	1
	Fuses	5 nos. of each rating	1
10	Battery		
	Inter-cell/Inter row/ Inter-bank/connectors	1 each	1
	battery stand insulators and cell insulators	1 each	1
	Nuts,bolts,washers etc.	1 each	1
	Vent plugs/Vent plugs cum level indicators	1 each	1
	Spare cells (in dry charged condition without electrolyte)	4 nos.	4
11	Battery Charger		
	Electronic cards of each type	1 each	1
12	DC Distribution Boards		
	MCBs of each type and rating	Nos	2
	Control and protection relay of each type	Nos	2
	Indicating Instrument of each type	Nos	2