



V2-S2.3.1

Mandatory Spares List — Electrical Package-A



MANDATORY AND COMMISSIONING SPARE PARTS - ELECTRICAL

The Contractor shall supply the following mandatory spare parts as part of the Contract, to be handed over to GIPCL at the time of Taking Over Certificate (TOC). Commissioning spares shall be available at site before commencement of commissioning.

Sr.	Item Description	Min. Qty.	Remarks
1	Motor Protection Relay (MPR) — each type used	2 nos. per type	
2	SFU — each rating used	2 nos. per rating	
3	Contactor — each rating used	2 nos. per rating	
4	Thermal Overload Relay — each rating used	2 nos. per rating	
5	HT Motor	1 no. Similar motor	
5	VFD	1 no. entire VFD	
6	VFD Driven LT Motor	1 no. Similar motor	
7	Motor Bearing — Drive End (DE)	2 sets per motor type/size	
8	Motor Bearing — Non-Drive End (NDE)	2 sets per motor type/size	
9	Cable Glands — each size/type	20% extra of each size installed	
10	LED Luminaire — each type	10% of each type installed	
11	Fuse cartridges — all ratings used	5 nos. per rating	
12	GI cable tray fasteners and clamps	2% extra of installed quantity	

13	Cable glands and ferrules — all sizes	5% extra of installed quantity	
14	Techo Generator for VFD Motor	1 nos.	(if required)
15	MCB — each rating used	2 nos. per rating	
16	RCCB — each rating used	2 nos. per rating	
17	Numerical Relays — each rating used	1 nos per rating	
18	HT Vacuum Contactor for HT Motor	1 no. per rating	
19	Siren / Hooter	1 no. per rating	
20	Transducers	1 no. per rating	
21	Switchgear used in HT Control Compartments	1 no. per rating	
22	HT Breaker Test / Service Position Switches	2 no. per rating	