

1.	Steel	Sail / Tisco / Jindal / Essar
2.	Bearings	FAG / SKF / ZKL
3.	Hooks	Steel Forging & Engg. Co. / Hercules Forging / EE Kanachiwala Co. / Kwaliti Forging & Engg. Works / Smriti Forging.
4.	Gear Couplings	Alliance Engg. Co./ Vishal Engg./ ALPHA
5.	Brakes - Thrustor Brake & Electro magnetic	Crane Control/Electromag/ Speedage
6.	Wire Ropes	Usha Martin
7.	Current Collector	Safe Track / Alpha
8.	Motors - Squirrel Cage	Marathon (Alstom)/ ABB / Siemens
9.	Contactors	Siemens/ Telemecanique/ L&T
10.	Time Relay	L&T/Siemens
11.	MPCB	Siemens/ Telemecanique/ L&T
12.	Isolators	Siemens / L & T
13.	Fuses	Siemens / GE Power Control / L&T
14.	Overload Relays	Siemens / L & T
15.	Master Controllers	Crane Control / Speedage
16.	Resistance	Crane Control / Speedage
17.	Push Buttons	Siemens / L&T / Telemecanique
18.	Cables	ISI approved eg. Polycab / Finolax
19.	VVV F Drive	L&T Yashkawa
20.	MCCB	Siemens/ Telemecanique / Schneider
21.	Limit Switches	Crane Control/ Speedage
22.	Moulded Case Breaker	Siemens / L&T / ABB / Telemecanique
23.	Lights	CGL / Philips

#### **MATERIAL OF IMPORTANT COMPONENTS**

1.	Gears	En 9
2.	Input Pinions	En 24
3.	Axles	EN 8
4.	Shafts	EN 8
5.	Wheels	EN 9
6.	Hook	Forged steel as per IS : 3815
7.	Pulleys	MS
8.	Floating Shafts	EN - 8
9.	Half Rigid Couplings	C45
10.	Half Gear Couplings	C45