

Tender No. 65.12.8014
TECHNICAL SPECIFICATION FOR 03 TON EOT CRANE

Major parameter	1. Type	Under slung crane, Tram Beam type EOT Crane	
	2. Capacity	03 Tones	
	3 Span	12.192 Mtrs	
	4. Height and lift	12 Mtrs (above floor level 10.44 Mtrs. Below floor level 1.5 Mtrs.)	
	5. Classification	Class – II/MS As per IS : 3177& IS : 3938,IS : 807	
	6. Duty	Indoor	
	7. AMB. TEMP	45 ⁰ C	
	8. Control	Push Button Pendent (10 to 12 nos. type) /Plastic Moulded (Heavy Duty type) Extra for Light Arrangement.	
	Hoist		
	1 Speed	10 Mtrs/Min	
	2. Wire Rope	Ø 10mm/6x 36 Const./Fiber Core/4falls/Factor of safety5.(Make Usha Martin/Bharat) Galvanized steel wire rope RHO	
	3. Motor	10 HP/4 Pole/40% CDF/SC type (7.5 to 10 HP) Reputed make	
	4. Brake	ACEM type/ Thruster type (Preferable) only thruster type	
	5. Limit Switch	Rotary Geared	
	6 Hook	Single Point Shank Hook	
	Cross Traverse		
	1 Speed	15 Mtrs/Min	
	2 Wheels	Ø 120mm – 4 Nos.	
	3 Motor	1.5 HP/4Pole/40% CDF/SC type	
	4 Brake	Thruster type (Preferable) 15 Kg/ Compact	
	5. Limit Switch	Lever type	
	Long Travel		
	1 Speed	30 Mtrs/Min	
	2 Wheels	Ø 160mm – 8 Nos.	
	3 Rails	I- Beam (Existing at shed)	
	4 Motor	1.5 HP/4Pole/40% CDF/SC type -2 No	
	5 Brake	Thruster type (Preferable) 15 Kg/ Compact	
6. Limit Switch	Lever type (New one)		
7.Total Weight of Crane	4.5 to 5 Tonnes (Appox)		
Minor parameter	Light arrangement should be there on the crane to see the job work carefully with extra contactor (to be provided)		
Concomitant accessories	Current collectors Extra should be provided.		
Optional Accessories	1.All essential accessories tools required for efficient working of crane and its Maintenance thereof. (Unit switches all type, wheels, brake etc) 2.Two copies of printed original operation & maintenance Manuals and also Drawing copies (Mech. & Elect.)		
Spares	Cost of consumables required for two years as quoted by firm will be advised separately to consignee		
Warrantee requirement	18 months from the date of commissioning		
Special requirement	Commissioning at the consignee site by firm free of cost.		

Note- DSL Should be of 90 mtrs. Length (Copper bus bar type)

For Controller of Stores