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Major parameter	1. Type	Under slung crane, Tram Beam type EOT Crane
	2. Capacity	03 Ton
	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°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 safety 5. (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/4 Pole/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	1- Beam (Existing at shed)
4. Motor	1.5 HP/4 Pole/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 Ton (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	20 No extra Current collectors should be provided.	
Optional Accessories	Nil	
Spares Along with Supply	<ol style="list-style-type: none"> All types of switches (Limit switch, Rotary geared) separately for all cranes Thruster brakes for all motions and separate for all cranes. Hook - 4 Nos. & pulley - 4 set Wheels - 8 Nos. 	
AMC requirement	Not required	
Warranty requirement	As per IRS conditions of contract	
Special requirement	<ol style="list-style-type: none"> Two copies of original operation & maintenance Manuals and also Diagram of (Mech. & Elect.) Circuit. DSL of 90 meters length required for no. one crane of hard drawn copper bus bar, Top covered with MS Sheet is required separately. DSL of 90 meters length required for no. two crane of hard drawn copper bus bar, Top covered with MS Sheet is required separately. DSL of 70 meters length required for three crane & DSL not required for no. four crane of hard drawn copper bus bar, Top covered with MS Sheet is required separately. 	

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