ELECTRICAL MAINTENANCE JOBS IN COAL HANDLING PLANT, CHP-1

				ost	
SI. No.	Job Desription	UOM	Qty.	Unit Rate (Rs.)	Total Amount (Rs.)
	Electrical Maintenance				
1.0	6.6kv,825kw Crusher Motor				
1.01	Complete overhauling of motor	No	4		
1.02	Changing/Servicing of Both side bearing &accs. Of motor	No	1		
1.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
1.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
1.05	Shifting & Re-installation of motor	No	1		
1.06	Removal &Shifting of motor from foundation to shed	No	1		
1.07	Shifting of motor from shed& fixing on foundation	No	1		
1.08	Shutdown maintenance works on motor	No	16		
2.0	6.6kv,520/400kw BC-7A/7B/5A/5B Motor				
2.01	Complete overhauling of motor	No	4		
2.02	Changing/Servicing of Both side bearing &accs. Of motor	No	4		
2.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
2.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
2.05	Shifting & Reinstallation of motor	No	1		
2.06	Removal &Shifting of motor from foundation to shed	No	1		
2.07	Shifting of motor from shed& fixing on foundation	No	1		
2.08	Shutdown maintenance works on motor	No	16		
3.0	6.6kv,165kw BC-8A/8B Motor				
3.01	Complete overhauling of motor	No	2		
3.02	Changing/Servicing of Both side bearing &accs. Of motor	No	1		
3.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
3.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
3.05	Shifting & Reinstallation of motor	No	1		
3.06	Removal &Shifting of motor from foundation to shed	No	1		
3.07	Shifting of motor from shed& fixing on foundation	No	1		
3.08	Shutdown maintenance works on motor	No	8		
4.0	6.6kv,300kw Stacker/Reclaimer Motor	110			
4.01	Complete overhauling of motor	No	2		
4.02	Changing/Servicing of Both side bearing &accs. Of motor	No	1		
4.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
4.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
4.05	Shifting & Reinstallation of motor	No	1		
	Removal &Shifting of motor from foundation to shed	No	1		
4.07	Shifting of motor from shed& fixing on foundation	No	1		
4.08	Shutdown maintenance works on motor		8		
5.0	6.6kv,330/300/200kw BC-1A/1B/2A/2B/TRH-1A/1B Motor	No	0		
5.01		No	4		
5.02	Complete overhauling of motor Changing/Servicing of Both side bearing &accs. Of motor	No No	4		
		No No	1		
5.03	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
5.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
5.05	Shifting & Reinstallation of motor	No	1		
5.06	Removal &Shifting of motor from foundation to shed	No	1		
5.07	Shifting of motor from shed& fixing on foundation	No	1		
5.08	Shutdown maintenance works on motor	No	24		

ELECTRICAL MAINTENANCE JOBS IN COAL HANDLING PLANT, CHP-1

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			1st Yr. Cost		ost
SI.	lah Dawintian	LIONA		Hait Baka	Total
No.	Job Desription	UOM	Qty.	Unit Rate (Rs.)	Amount
				(113.)	(Rs.)
7.0	415 Volt,90 kw &above but upto 157kw motor (BC-3A/3B,RH-1A,S/R Bucket				
7.01	Wheel,Boom Conveyor, Intermediate Conveyor etc. Complete overhauling of motor	No	6		
7.02	Changing/Servicing of Both side bearing &accs. Of motor	No	1		
7.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
7.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
7.05	Shifting & Reinstallation of motor	No	1		
7.06	Shutdown maintenance works on motor	No	28		
	415 Volt,45 kw &above but less than 90kw motor (RFC-4A/4B/6A/6B,,SC-				
8.0	3A/3B,Paddle FeederHydraulic Pump,Salution Pump etc.)				
8.01	Complete overhauling of motor	No	10		
8.02	Changing/Servicing of Both side bearing &accs. Of motor	No	1		
8.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
8.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
8.05	Shifting & Reinstallation of motor	No	2		
8.06	Shutdown maintenance works on motor	No	70		
9.0	415 Volt,20 kw &above but less than 45kw motor (SC-4A,DS Pump,Grizzly Feeder)				
9.01	Complete overhauling of motor	No	10		
9.02	Changing/Servicing of Both side bearing &accs. Of motor	No	1		
9.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
9.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
9.05	Shifting & Reinstallation of motor	No	4		
9.06	Shutdown maintenance works on motor	No	66		
10.0	415 Volt,9 kw &above but less than 20kw motor (Sump pump Ventilators, Travelling Tripper Drive, S/R Travel Drive, Vibrating Feeder, Dust Extraction etc)				
10.01	Complete overhauling of motor	No	10		
10.02	Changing/Servicing of Both side bearing &accs. Of motor	No	2		
10.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
10.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
10.05	Shifting & Reinstallation of motor	No	11		
10.06	Shutdown maintenance works on motor	No	90		
11.0	415 Volt,5 kw &above but less than 9kw motor (OBMS, Winch Drive, Coal Sampling Hydraulic etc.)				
11.01	Complete overhauling of motor	No	10		
11.02	Changing/Servicing of Both side bearing &accs. Of motor	No	1		
11.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
11.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
11.05	Shifting & Reinstallation of motor	No	4		
11.06	Shutdown maintenance works on motor	No	40		
12.0	415 Volt, Below 5 KW motor				
12.01	Complete overhauling of motor	No	10		
12.02	Shifting & Reinstallation of motor	No	10		
13.0	220 Volt,DC,14 KW S/R Slew Drive motor				
13.01	Complete overhauling of motor	No	2		
13.02	Changing/Servicing of Both side bearing &accs. Of motor	No	1		
13.03	Changing/Servicing of DE side bearing &accs. Of motor	No	1		
13.04	Changing/Servicing of NDE side bearing &accs. Of motor	No	1		
13.05	Shifting & Reinstallation of motor	No	1		
13.06	Shutdown maintenance works on motor	No	8		

ELECTRICAL MAINTENANCE JOBS IN COAL HANDLING PLANT, CHP-1

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			1st Yr. Cost		
SI.	Lib Division	11614			Total
No.	Job Desription	UOM	Qty.	Unit Rate	Amount
				(Rs.)	(Rs.)
14.0	Misclaneous Jobs				
14.01	Misc.Fabrication works	kg	500		
14.02	Servicing of thruster up to 100kg Force	No	40		
14.03	Replacement of thruster up to 100kg Force	No	6		
14.04	Assistance in Belt Weigher Servicing & Calibration	No	30		
14.05	Replacement & Servicing of pull Cord Switch /Welding Socket/Belt sway switch	No	865		
14.06	Preventive maintenance of local electrical panel	No	600		
14.07	Preventive maintenance of Modules of S/R MCC/DFDS MCC	No	100		
14.08	Assistance in Module & Breaker servicing	No	300		
14.09	Assistance in Zero speed switch servicing	No	40		
14.10	Preventive maintenance of Dry type transformer	No	24		
15.0	Cabling				
15.01	Laying of Cable including Survey & transportation from store with loading and unloading				
15.02	6.6 KV Gr. XLPE Insulated Al. Conductor Armoured Cable(1CX1000sq.mm. /3CX400sq.mm/3CX300sq.mm/3CX240sq.mm)	100Mtr	20		
15.03	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 1000 sq. mm/3.5C x 400 sq. mm/3C x 300 sq. mm/1C x 630 sq. mm (Cu))	100Mtr	2		
15.04	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 240 sq. mm/3.5C x150 sq. mm/3C x 150sq. mm/1C x 240sq. Mm/ 2CX120sq.mm)	100Mtr	40		
15.05	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 120sq. mm/3.5C x70sq. mm/3C x 70sq. mm/3.5C x 35sq. Mm/3Cx35sq.mm/2Cx35sq.mm)	100Mtr	30		
15.06	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(4C x 16sq. mm/3C x16sq. mm/2C x 16sq. mm/4C x 4sq. Mm(Cu)/3Cx10sq.mm/3Cx6sq.mm/2Cx6sq.mm)	100Mtr	10		
15.07	650/1100 V gradw PVC insulated Cu. Conductor armored control cable(2C x 1.5 sq.mm/2C x 2.5 sq.mm/3C x 1.5 sq.mm/3C x 2.5 sq.mm/4C x 2.5 sq.mm/5C x 2.5 sq.mm/7C x 2.5 sq.mm)	100Mtr	50		
15.08	650/1100 V gradw PVC insulated Cu. Conductor armored control cable(9C x 2.5 sq.mm/10C x 2.5 sq.mm/12C x 2.5 sq.mm/14C x 2.5 sq.mm/16C x 2.5 sq.mm/19C x 2.5 sq.mm)	100Mtr	12		
15.09	650/1100 V gradw PVC insulated Cu. Conductor armored Inst. / tel. cable(27C x 1 sq.mm/19C x 1 sq.mm/16C x 1 sq.mm/14C x 1 sq.mm/10P x 0.8 sq.mm/7P x 0.8 sq.mm/6P x 0.8 sq.mm/12P x 0.8sq.mm)	100Mtr	1		
15.10	650/1100 V gradw PVC insulated Cu. Conductor armored Inst. / tel. cable(10C x 1sq.mm/9Cx1sq.mm/7C x 1sq.mm/4Cx1sq.mm/3C1sq.mm/2Cx1sq.mm/5C1sq.mm/4Px1sq.mm/2Px1sq.mm/1 Px1sq.mm/5Px0.8sq.mm/3Px0.8sq.mm/2Px0.8sq.mm/1PX0.8sq.mm/4Px0.5sq.mm/2Px0.5sq.mm/1Px0.5sq.mm/4Px0.5sq.mm/2Px0.9sq.mm) 16P x 0.5 sq.mm/12P x 0.5 sq.mm/12P x 0.5 sq.mm/12P x 0.5 sq.mm/12P x 0.9 sq.mm/10P x 0.9 sq.mm)	100Mtr	1		

ELECTRICAL MAINTENANCE JOBS IN COAL HANDLING PLANT, CHP-1

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			1st Yr. Cost		ost
SI. No.	Job Desription	UOM	Qty.	Unit Rate (Rs.)	Total Amount (Rs.)
	Cable Termination both ends including elastimould connector, if required(One Set = Two ends)				
15.11	6.6 KV Gr. XLPE Insulated Al. Conductor Armoured Cable(1CX1000sq.mm. /3CX400sq.mm/3CX300sq.mm/3CX240sq.mm)	set	10		
15.12	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 1000 sq. mm/3.5C x 400 sq. mm/3C x 300 sq. mm/1C x 630 sq. mm (Cu))	set	50		
15.13	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 240 sq. mm/3.5C x150 sq. mm/3C x 150sq. mm/1C x 240sq. Mm/ 2CX120sq.mm)	set	4		
15.14	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 120sq. mm/3.5C x70sq. mm/3C x 70sq. mm/3.5C x 35sq. Mm/ 3Cx35sq.mm/2Cx35sq.mm)	set	10		
15.15	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(4C x 16sq. mm/3C x16sq. mm/2C x 16sq. mm/4C x 4sq. Mm(Cu)/3Cx10sq.mm/3Cx6sq.mm/2Cx6sq.mm)	set	30		
15.16	650/1100 V gradw PVC insulated Cu. Conductor armored control cable(2C x 1.5 sq.mm/2C x 2.5 sq.mm/3C x 1.5 sq.mm/3C x 2.5 sq.mm/4C x 2.5 sq.mm/5C x 2.5 sq.mm/7C x 2.5 sq.mm)	set	50		
15.17	650/1100 V gradw PVC insulated Cu. Conductor armored control cable(9C x 2.5 sq.mm/10C x 2.5 sq.mm/12C x 2.5 sq.mm/14C x 2.5 sq.mm/16C x 2.5 sq.mm/19C x 2.5 sq.mm)	set	10		
15.18	650/1100 V gradw PVC insulated Cu. Conductor armored Inst. / tel. cable(27C x 1 sq.mm/19C x 1 sq.mm/16C x 1 sq.mm/14C x 1 sq.mm/10P x 0.8 sq.mm/7P x 0.8 sq.mm/6P x 0.8 sq.mm/12P x 0.8sq.mm)	set	5		
15.19	650/1100 V gradw PVC insulated Cu. Conductor armored Inst. / tel. cable(10C x 1sq.mm/9Cx1sq.mm/7C x 1sq.mm/4Cx1sq.mm/3C1sq.mm/2Cx1sq.mm/5C1sq.mm/4Px1sq.mm/2Px1sq.mm/1Px1sq.mm/5Px0.8sq.mm/3Px0.8sq.mm/2Px0.8sq.mm/1PX0.8sq.mm/4Px0.5sq.mm/2Px0.5sq.mm/1Px0.5sq.mm/4Px0.9sq.mm/2Px0.9sq.mm) 16P x 0.5 sq.mm/12P x 0.5 sq.mm/12P x 1 sq.mm/8P x 0.5 sq.mm/50P x 0.9 sq.mm/20P x 0.9 sq.mm/10P x 0.9 sq.mm)	set	1		
	Cable jointing				
15.20	6.6 KV Gr. XLPE Insulated Al. Conductor Armoured Cable(1CX1000sq.mm. /3CX400sq.mm/3CX300sq.mm/3CX240sq.mm)	No	5		
15.21	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 1000 sq. mm/3.5C x 400 sq. mm/3C x 300 sq. mm/1C x 630 sq. mm (Cu))	No	3		
15.22	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 240 sq. mm/3.5C x150 sq. mm/3C x 150sq. mm/1C x 240sq. Mm/ 2CX120sq.mm)	No	4		
15.23	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 120sq. mm/3.5C x70sq. mm/3.5C x 35sq. Mm/ 3Cx35sq.mm/2Cx35sq.mm)	No	8		
15.24	650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(4C x 16sq. mm/3C x16sq. mm/2C x 16sq. mm/4C x 4sq. Mm(Cu)/3Cx10sq.mm/3Cx6sq.mm/2Cx6sq.mm)	No	5		
15.25	650/1100 V gradw PVC insulated Cu. Conductor armored control cable(2C x 1.5 sq.mm/2C x 2.5 sq.mm/3C x 1.5 sq.mm/3C x 2.5 sq.mm/4C x 2.5 sq.mm/5C x 2.5 sq.mm/7C x 2.5 sq.mm)	No	5		

ELECTRICAL MAINTENANCE JOBS IN COAL HANDLING PLANT, CHP-1

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No.	
15.26 sq.mm/10C x 2.5 sq.mm/12C x 2.5 sq.mm/14C x 2.5 sq.mm/16C x 2.5 sq.mm/19C x No 5	otal ount ks.)
15.27 sq.mm/19C x 1 sq.mm/16C x 1 sq.mm/14C x 1 sq.mm/10P x 0.8 sq.mm/7P x 0.8 sq.mm/16P x 0.8 sq.mm/12P x 0.8sq.mm/12P x 0.5sq.mm/2Px0.8sq.mm/12P x 0.5sq.mm/12P x 0.5sq.mm/12P x 0.5sq.mm/12P x 1 sq.mm/12P x 0.5 sq.mm/12P x 0.5 sq.mm/12P x 1 sq.mm/8P x 0.5 sq.mm/12P x 0.9 sq.mm/10P x 0.9 sq	
15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.28 15.2	
and unloading	
15.29	
15.30 1000 sq. mm/3.5C x 400 sq. mm/3C x 300 sq. mm/1C x 630 sq. mm (Cu)) 100Mtr 2 15.31 650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 240 sq. mm/3.5C x150 sq. mm/3C x 150sq. mm/1C x 240sq. Mm/ 2CX120sq.mm) 3 100Mtr 3 15.32 120sq. mm/3.5C x70sq. mm/3C x 70sq. mm/3.5C x 35sq. Mm/ 3Cx35sq.mm/2Cx35sq.mm) 100Mtr 5 15.33 1650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(4C x 16sq. mm/3C x 16sq. mm/2C x 16sq. mm/4C x 4sq. Mm(Cu)/ 3Cx10sq.mm/3Cx6sq.mm/2Cx6sq.mm) 100Mtr 2 100Mtr 2 15.34 16sq. mm/3C x 16sq. mm/3C x 1.5 sq.mm/3C x 2.5 sq.mm/3C x 2.5 sq.mm/5C x 2.5 sq.	
15.31 240 sq. mm/3.5C x150 sq. mm/3C x 150sq. mm/1C x 240sq. Mm/ 2CX120sq.mm) 650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(1C x 120sq. mm/3.5C x70sq. mm/3.5C x 35sq. Mm/ 3Cx35sq.mm/2Cx35sq.mm) 650/1100 Volt grade PVC insulated Al./Cu. Conductor armoured LT Power cable(4C x 15.33 16sq. mm/3C x 16sq. mm/4C x 16sq. mm/4C x 4sq. Mm(Cu)/ 3Cx10sq.mm/3Cx6sq.mm/2Cx6sq.mm) 650/1100 V gradw PVC insulated Cu. Conductor armored control cable(2C x 1.5 sq.mm/2C x 2.5 sq.mm/3C x 1.5 sq.mm/3C x 2.5 sq.mm/4C x 2.5 sq.mm/5C x 2.5 sq.mm/5C x 2.5 sq.mm/5C x 2.5 sq.mm/7C x 2.5 sq.mm)	
15.32	
15.33 16sq. mm/3C x 16sq. mm/2C x 16sq. mm/4C x 4sq. Mm(Cu)/ 100Mtr 2 3Cx10sq.mm/3Cx6sq.mm/2 650/1100 V gradw PVC insulated Cu. Conductor armored control cable(2C x 1.5 sq.mm/2C x 2.5 sq.mm/3C x 1.5 sq.mm/4C x 2.5 sq.mm/5C x 2.5 sq.mm/5C x 2.5 sq.mm/5 5 100Mtr 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
15.34 sq.mm/2C x 2.5 sq.mm/3C x 1.5 sq.mm/3C x 2.5 sq.mm/4C x 2.5 sq.mm/5C x 2.5	
650/1100 V gradw PVC insulated Cu. Conductor armored control cable(9C x 2.5 sq.mm/10C x 2.5 sq.mm/12C x 2.5 sq.mm/14C x 2.5 sq.mm/16C x 2.5 sq.mm/19C x 2.5 sq	
650/1100 V gradw PVC insulated Cu. Conductor armored Inst. / tel. cable(27C x 1 sq.mm/19C x 1 sq.mm/16C x 1 sq.mm/14C x 1 sq.mm/10P x 0.8 sq.mm/7P x 0.8 sq.mm/7P x 0.8 sq.mm/12P x 0.8sq.mm)	
650/1100 V gradw PVC insulated Cu. Conductor armored Inst. / tel. cable(10C x 1sq.mm/9Cx1sq.mm/7C x 1sq.mm/4Cx1sq.mm/3C1sq.mm/5C1sq.mm/5C1sq.mm/4Px1sq.mm/1 Px1sq.mm/5Px0.8sq.mm/3Px0.8sq.mm/2Px0.8sq.mm/4Px0.5sq.mm/ 2Px0.5sq.mm/1Px0.5sq.mm/4Px0.9sq.mm) 16P x 0.5 sq.mm/12P x 0.5 sq.mm/12P x 1 sq.mm/8P x 0.5 sq.mm/50P x 0.9 sq.mm/20P x 0.9 sq.mm/10P x 0.9 sq.mm)	
Erection of Cable trays	
15.38 600 mm ladder type/450 mm perforated type/300 mm perforated type cable tray. 100mtr 50	
15.39 150 mm perforated type cable tray. 100mtr 91 Erection of Cable trays cover with its clamp fixing	

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		1st		1st Yr. C	Yr. Cost	
SI. No.	Job Desription	UOM	Qty.	Unit Rate (Rs.)	Total Amount (Rs.)	
15.40	600 mm ladder type/450 mm perforated type/300 mm wide cable tray cover	100mtr	1			
15.41	150 mm wide cable tray cover	100mtr	1			
	Dressing of Cable					
15.42	600mm/450mm wide cable trays	1mtr	300			
15.43	300 mm/150mm wide cable tray	1mtr	600			
	Erection of Junction box					
15.44	150 x 150 x 100mm,300 x 250 x 150mm,300 x 200 x 100 mm,450 x 250 x 100mm	No	2			
15.45	600 x 300 x 150mm,600 x 300 x 100mm,800 x 400 x 150 mm,800 x 550 x 150mm	No	50			
	Miscellaneous jobs and Civil Jobs related to cabling					
15.46	Fabrication and erection of MS structural steel including Hardware, consumables, welding etc. for support arrangement of cable tray etc. including transportation from store to site.	KG	1			
15.47	Excavation, soil covering, back filling, ramming for burying cable Direct on soil	cum	1			
15.48	Supply of sand including bedding & spreading.	cum				
16.0	Lighting					
16.01	Checking of electrical circuit & replacement/rectification of Lighting system(70 W /125/ W/150/250 W HPSV/HPMV/MH/LED (Equivalent) well Glass type Lamps & Accessories)	No	3500			
16.02	Checking of electrical circuit & replacement/rectification of Tube Light & accessories	No	200			
16.03	Checking of electrical circuit & replacement/rectification of Sky Flood light	No	60			
16.04	Checking of electrical circuit & replacement/rectification of High Bay light	No	80			
16.05	Checking of electrical circuit & replacement/rectification of Boundary Flood Light High Bay light	No	30			
16.06	Checking of electrical circuit & replacement/rectification of street light	No	50			
16.07	Laying and fixing of casing capping in surface by help of drilling hole and fitted with ceiling grip as directed by engineer in charge	10mtr	40			
16.08	Laying of wires/cables in side casing capping	10mtr	50			
16.09	Laying and fixing of GI Conduit in surface by help of drilling hole and fitted with ceiling grip as directed by engineer in charge.	10mtr	40			
16.10	Laying of wires/cables in side GI Conduit	10mtr	5			
16.11	Making and fixing of Switch boards like 4 X 4",4 X 6", 6 X 8", 8 X 10",10 X 12".	No	5			
16.12	Replacement of ceiling fans.	No	5			
16.13	Installation of main switch up to 200A by proper grouting, Fixing and connection in wall	No	5			
16.14	Replacement and fixing of MCB in Lighting panel	No	100			
	TOTAL VALUE EXCLUDING GST					

NOTE FOR BIDDERS:

Bidder shall quote only for 1st year. Annual Price escalation for 2nd year shall be 5% on 1st year price. Similarly, Annual Price escalation for 3rd year shall be 5% on 2nd year price