

Name of work :- **Electrical Renovation work for North East Technology Development GROUP**  
 Room no. 006 at CMERI(Institute) Durgapur

		Part- A				
S.No.	Rate Ref.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1		Providing & fixing of Sheet steel enclosure complete with 1 no. 32Amp, 'C' curv-10 KA, DP MCB and Din Channel for installing it including connection & body earthing complete as required. Make-Legrand	5	Nos		
2		Wiring for circuit / sub main wiring alongwith earthwire with the following sizes of FRLS PVC insulated, copper conductor, single core cable in surface / recessed PVC conduit as required.				
a		2X2.5 sq. mm+ 1x2.5 sq.mm earth wire	140	Metre		
b		2X4 sq. mm+ 1x4 sq.mm earth wire	60	Metre		
3		Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm.FRLS PVC insulated, copper conductor Single core cable in surface / recessed steel conduit ,with Modular type switch ,phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required :	30	Point		
4		Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 amps & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc as required.	15	NOS		
5		Supply & fixing of 2x20 w compact LED lamp, OPTICS fittings, recessed mounted decorative luminaire, false ceiling type.	14	Nos		
6		Supply & fixing of heavy duty wall mounted Fan	10	nos		
7		Supply & Fixing 3W Led Light flat Panel down Light	8	nos		
8		Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB DISTRIBUTION board, 415V, on surface/recess complete with tinned copper bus bar, neutral busbar, earth bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator.)				
		4 way (4 + 12), Double door, ETPN DB.		1 nos		
9		Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess complete with tinned copper bus bar, neutral busbar, earth bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator.)				
		12 way, Double door SPN DB		1 nos		

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10	Wiring for circuit / sub main wiring alongwith earthwire with the following sizes of FRLS PVC insulated, copper conductor, single core cable in surface / recessed PVC conduit as required.				
	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	10	Meter		
11	Wiring for circuit / sub main wiring alongwith earthwire with the following sizes of FRLS PVC insulated, copper conductor, single core cable in surface / recessed PVC conduit as required.				
	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	15	Meter		
12	Supply and fixing following rating, four pole three phase and neutral), 415 V residual current ckt breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	63A	1	Nos		
13	Supply and fixing 5 A to 32A rating, 240/415V 10KA, C curve miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connection, testing & commissioning etc as required				
	Single pole	22	nos		
14	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recess				
	3 x 1.5 sq. mm	50	Meter		
15	DOUBLE POLE, 63 DP with enclosure	1	Nos		
16	Dismantling of prewire, point wiring, tube light fittings, Main switch etc.	Lum sum			

Total:-

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**ELECTRICAL ENGINEERING SERVICES GROUP**  
**CMERI, Durgapur**

**Date:21.11.2017**

**Sub:- Electrical Renovation work for North East Technology Development  
Group(Automobile testing Shed) Room no.006 of CMERI( Institute),Durgapur**

<u>Sr.no</u>	<u>Item</u>	<u>Make</u>
1.	MCB	Legrand/Equivalent
2.	Cable	Polycap/Golsstar/Havels/equivalent
3.	Switch/Socket	Ankar/surja//equivalent
4.	LED Light fittings	Havells/cromton/phlips/pyrotech
5.	Wall mounted Fan	Orient/cromton/usha

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