

**CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY**  
(Council of scientific and industrial research)

**NAME OF WORK : Electrical renovation work to Chemical Science Block (Ground Floor) at CSIR-NEIST, Jorhat (PART-II)**

SI No	Particulars of the item	Qty	Unit	Rate in figures in	Rate in words	Amount in Rs.
1	Wiring for light/fan /call bell point with 1.5 sq. mm. Size PVC insulated unsheathed 1.1 KV grade approved by the department single core copper conductor cable(Finolex/HPL/L&T/Havells Make) in surface PVC cashing caping wiring system including 6A single way flash tyep switch (Havells Reo Make) ceiling rose , angle holder (Havells Modular type), 4x4 PVC switch board (Presto Plast) etc in 19 mm size flate PVC cashing caping (Presto Plast Make) complete as required and directed by deptt. Group-C	120	Each			
2	Wiring for 5 pin 16 A power plug point with 4 sq. mm PVC insulated unsheathed (Finolex/HPL/L&T/Havells Make) single core copper conductor cable in surface PVC cashing caping (Presto Plast) wiring system including providing and fixing 5 pin 16 A flush type switch (Havells Reo Make ) and socket (Havells Reo Make) , fitted on 8 x 10 size PVC switch board cover including earth continuity with 2.5 sq.mm wire to the third pin of the plug socket etc complete as required and specified by deptt.					
	(a) Short point up to 3.00 M	74	Each			
	(b) Medium point up to 6.00 M	47	Each			
	(c) Long point up to 10.00 M	31	Each			
3	Supplying and fixing of 16A switch and socket (Havells Reo Make) on the existing cover including connection etc complete as required.	152	Each			
4	Wiring for sub-main wiring with the following size of PVC insulated, unsheathed wire, single core cable (Finolex/HPL/L&T/Havells Make) in surface PVC cashing caping (presto Plast) as required.					
	(a) With 2 x 2.5 sq. mm. + earth continuity 1 x 2.5 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	88	Mtr			
	(b) With 2 x 6 sq. mm. + earth continuity 1 x 2.5 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	263	Mtr			
	(c) With 4 x 10 sq. mm. + earth continuity 1 x 4 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	187	Mtr			
	(d) With 4x 6 sq. mm. + earth continuity 1 x 2.5 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	287	Mtr			
	(e ) With 4 x 16 sq. mm. + earth continuity 1 x 4 sq. mm. PVC insulated unsheathed single core copper in PVC pipe.	108	Mtr			
	<b>Total of page No. 1 in Rs.</b>					

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Sl No	Particulars of the item	Qty	Unit	Rate in figures in	Rate in words	Amount in Rs.
5	Supplying with fitting and fixing 4 way (125+12) MCCB incomer and MCB outgoing double door vertical sheet steel MCCB DB incorporated with bus bar neutral link, earth bar etc complete with making necessary connection as specified and directed by deptt. (L&T/MK/Havells Crabtee	2	Each			
6	Supplying and fixing 2 pole 32 A MCB complete with surface mounting sheet steel enclosure and necessary connection as required. L&T/MK/Havells Crabtee Make	17	Each			
7	Supplying and fixing 4 pole 63 A MCB complete with surface mounting sheet steel enclosure and necessary connection as required. L&T/MK/Havells Crabtee Make	10	Each			
8	Supplying with fitting and fixing 4+12 way sheet steel phosphatised, power painted double door surface mounting vertical MCB TPN MCB DB incorporated with bus bar, neutral link, earth bar and din rail etc. complete with making necessary connection as specified and directed by deptt. (MK/Havells Crabtee /L&T Make	5	Each			
9	Supplying with fitting and fixing 10 kA 240/415 v 50 Hz. MCB/MCCB of following capacity complete with necessary connection and terminal lug as reqd.					
	(i) 20 A SP MCB (L&T/MK/Havells CrabteeMake)	68	Each			
	(ii) 63 A 4 Pole MCB (L&T/MK / Havells CrabteeMake)	5	Each			
	(iii) 63 A 3 Pole MCB (L&T/MK / Havells Crabtee Make)	8	Each			
	(iv) 125 A 4P MCCB (L&T/MK/Havells Crabtree Make)	2	Each			
10	Supplying with fitting and fixing 4 way sheet steel phosphatised, power painted double door surface mounting SPN MCB DB incorporated with bus bar, neutral link, earth bar and din rail etc. complete with making necessary connection as specified and directed by deptt. (MK/Havells Crabtee /L&T Make	2	Each			
11	Supplying fitting and fixing of AC heavy duty 450 mm sweep exhaust fan in the existing hole on the wall making necessary connections as required and directed by department.Orient/Havells /Bajaj Make	8	Each			
12	Supplying, installation, testing and commissioning of 4 step hum free ceiling fan regulator complete with all accessories and necessary connection as required . (Havells Reo Make )	40	Each			
13	Supplying installation testing and commissioning of 1 x 18 watt single side connection prewired LED tube light set complete with LED tube, metallic frame and all necessary connection with 1.5 sq. mm copper wires as required. Havells/Bajaj/Phillips/CG Make	68	Each			
	<b>Total of Page No. 2 in Rs.</b>					

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Sl No	Particulars of the item	Qnty	Unit	Rate figures in	Rate in words	Amount in Rs.
14	Supplying and drawing co-axial internet cable size CAT-6 wire with PVC insulated on surface PVC casing capping per direction of deptt	280	Mtr			
15	Wiring for internal telephone wiring with the 0.71 mm size 3 pair PVC insulated, unsheathed copper cable on surface PVC casing capping as required.	280	Mtr			
16	Supplying fitting and fixing modular RJ-45 single computer jack with shutter complete with 1 module surface PVC box , 1 module cover plates and all necessary connection as required and specified by deptt. Havells Make	14	Each			
17	Supplying fitting and fixing modular RJ-11 double telephone jack (Havells Make) complete with 1 module surface PVC box , 1 module cover plates and all necessary connection as required and specified by deptt. Havells Make	14	Each			
18	Making good by damage done including painting etc.	L/S				
	<b>Total of page No. 3 in Rs.</b>					
	<b>Grand Total (Page 1 to 3) in Rs.</b>					

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