

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



NAME OF WORK :Electrification works to newly constructed rooms in Chemical Engineering of Engineering Block at CSIR-NEIST, Jorhat

SI No	Particulars of the item	Qty	Unit	Rate in figures in	Rate in words	Amount in Rs.
1	Wiring for light/fan /exhaust fan/call bell point with 3x1.5 sq. mm. Size PVC insulated unsheathed 1.1 KV grade approved by the department single core multistrand copper conductor cable(Finolex/Havells/KEI Make) in surface PVC casing capping wiring system including 6A single way flash tyep switch (Maru Neo Speed /Indoasian Make) ceiling rose , angle holder (Maru Neo speed/Indoasian , 4x4 PVC switch board (Presto Plast) etc in 19 mm size flate PVC casing capping (Presto Plast Make) complete as required and directed by deptt.					
	(i) Short Point Up to 3.00 M Length	2	Each			
	(ii) Medium Point up to 6.00 M Length	6	Each			
	(iii) Long point up to 10.00 M Length	2	Each			
2	Wiring for 5 pin 16 A power plug point with 4.0 sq. mm PVC insulated unsheathed multistrand (Finolex/Havells/KEI Make) single core copper conductor cable in surface PVC casing capping (Presto Plast) wiring system including providing and fixing 5 pin 16 A flush type switch (Maru Neo speed/Anchor Penta /Indoasian) and socket (Maru neo speed, Anchor Penta/Indoasian) , 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 Length	2	Each			
	(b) Medium Point up to 6.00 M Length	2	Each			
	(c) Long point up to 10.00 M Length	4	Each			
3	Supplying fitting and fixing of 16/6A flash type switch and socket on the existing switch board cover complete with all necessary connection as required. Maru Neo Speed/Anchor Penta/ Make	12	Each			
4	Wiring for sub-main wiring with the following size of PVC insulated, unsheathed wire, single core cable (Finolex/Havells/KEI Make) in surface PVC casing capping (presto Plast) as required.					
	(a) With 2x 2.5 sq. mm. + earth continuity 1x 1 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	20	Mtr			

NB: Rate must be written both figures and words

	(b) With 4x 25.0 sq. mm. + earth continuity 2x 16.0 sq. mm. PVC insulated unsheathed single core copper in PVC 50 mm dia 2 mm thickness rigid conduit	30	Mtr			
	(c) With 4x 10.0 sq. mm. + earth continuity 1x 6.0 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	10	Mtr			
	(d) With 2 x 6 sq. mm. + earth continuity 2 x 4 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	40	Mtr			
5	Supplying with fitting and fixing MCCB incomer and MCB outgoing 4 way TPN (4+12) sheet steel phosphatised, power painted double door surface mounting vertical 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. (Havells/Legrand/Crabtree/Indoasian Make	1	Each			
6	Supplying, installation, testing and commissioning of decorative 1 x 20 watt 5700 K LED tube light luminaries (double end connection) complete with surface mounting tube light frame suitable for 20 watt LED light including connection with 1.5 sq. mm. Single core copper wire as required and directed by deptt. Havells Make	5	Each			
7	Supplying with fitting and fixing 4+12 way sheet steel phosphatised, power painted double door surface mounting vertical MCB TPN DB incorporated with bus bar, neutral link, earth bar and din rail etc. complete with making necessary connection as specified and directed by deptt. (Legrand/Havells/Crabtree/Indoasian Make	1	Each			
8	Supplying with fitting and fixing sheet steel phosphatised power painted single door surface mounting 4 way MCB enclosure and necessary connection as directed by deptt. Legrand/Havells/Crabtree/Indoasian Make	6	Each			
9	Supplying with fitting and fixing sheet steel phosphatised power painted single door surface mounting 2 way MCB enclosure and necessary connection as directed by deptt. Legrand/Havells/Crabtree/Indoasian Make	2	Each			
10	Supplying with fitting and fixing 10 kA 240/415 v 50 Hz. B-series MCB of following capacity complete with necessary connection and terminal lug as reqd.					
	(a) 4 Pole 25 KA 125A MCCB (Legrand/Havells/Crabtree/Indoasian Make)	1	Each			
	(b) 3 Pole 63A MCB (Legrand/Havells/Crabtree/Indoasian Make)	4	Each			
	(c) 32 A single Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	12	Each			

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	(d) 63 A 4 Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	7	Each			
	(e) 32 A double Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	2	Each			
11	Supplying including fitting & fixing of 1200 mm sweep 3 blade double ball bearing engery efficient 5 star rating ceiling fan (White colour) complete with all accessories like down road , canopy etc (without regulator) including necessary connection as specified and directed by deptt. Havells Make	3	Each			
12	Supplying including fitting & fixing of Venti Air DB 300 mm sweep A.C exhaust fan in the existing hole on the wall complete with all accessories including necessary connection as specified and directed by deptt. Havells Make	2	Each			
13	Supplying fitting and fixing of socket type electronic 4step hum free ceiling fan regulator including connections etc complete as required. (Maru Neospeed/Anchor Penta Make)	3	Each			
14	Making good by damage done including painting etc. as directed by deptt.	L/S				
	Total quoted amount in Rs.					

Rupees :
.....only