

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

NAME OF WORK : Electrification works to Applied Civil Division in R&D store house 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 /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 (Maru Neo Speed/Anchor Penta/ Reo Make) ceiling rose , angle holder (Maru Neo speed/Reo), 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-B	5	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) Long point up to 10.00 M	4	Each			
3	Supplying and fixing of 16A switch and socket (Havells Reo Make) on the existing cover including connection etc complete as required.	4	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.	10	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.	50	Mtr			
	(e) With 4x 16 sq. mm. + earth continuity 1 x 4 sq. mm. PVC insulated unsheathed single core copper in PVC pipe.	15	Mtr			
5	Supplying with fitting and fixing 4 way (4+12) MCCB incomer and MCB outgoing double door vertical sheet steel MCCB DB incoroprated with bus bar neutral link, earth bar etc complete with making necessary connection as specified and directed by deptt. (ABB/Legrand Schneider/ Crabtee /Indoasian Make)	1	Each			

NB: Rate must be written both figures and words

6	Supplying and fixing 4 pole 63 A MCB complete with surface mounting sheet steel enclosure and necessary connection as required.	5	Each			
7	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. (ABB/Legrand Schneider/ Crabtee /Indoasian Make)	1	Each			
8	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) 32 A SP MCB ABB/Legrand Schneider/ Crabtee /Indoasian Make)	4	Each			
	(ii) 63 A 3 Pole ABB/Legrand Schneider/ Crabtee /Indoasian Make)	4	Each			
	(iii) 125 A 25 kA 4P MCCB (ABB/Legrand Schneider/ Crabtee /Indoasian Make)	1	Each			
9	Supplying installation testing and commissioning of 1 x 36/40 watt prewired fluorscent tube light set complete with electronic ballast , tube , end cap and all necessary connection with 1.5 sq. mm copper wires as required. Havells/Bajaj/Phillips/CG Make	4	Each			
10	Supplying and fixing fixing 1200 mm sweep 3 blade double ball bearing energy saving AC ceiling fan complete with canopy, down road etc and all necessary connection as reqd and directed by deptt. White colour Havells Make Model : ES 50. (Without regulator)	1	Each			
11	Supplying fitting and fixing of electronic type ceiling fan regulator 4 step hum free and including connection etc as required . (Maru Neo-speed/Anchor Penta/Reo Make	1	Each			
12	Supplying and laying of 3.5 x 35 sq.mm size PVC insulated and sheathed 11 kV grade aluminium conductor LT armoured underground cable laid in ground/partially in air including excavation of cable trench up to 75cm depth refilling, protecting brick covering , sand cushion etc complete handling surplus soil in proper place and proper size of cable lug, cable arrow mark as specified and directed by department. (Havells/Glowstar Make)	50	Mtr			
13	Making good by damage done including painting etc.	L/S				
	Total Estimated Cost in Rs.					

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