

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

NAME OF WORK : Electrification works to Skilled Development Training Centre in Pilot Plant at CSIR-NEIST, Jorhat

Sl 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 1.5 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 cashing caping wiring system including 6A.					
	(i) Short Point Up to 3.00 M Length	5	Each			
	(ii) Medium Point up to 6.00 M Length	15	Each			
	(iii) Long point up to 10.00 M Length	20	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 cashing caping (Presto Plast) wiring					
	(a) Short Point up to 3.00 M Length	2	Each			
	(b) Medium Point up to 6.00 M Length	5	Each			
	(c) Long point up to 10.00 M Length	8	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	15	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 cashing caping (presto Plast) as required.					
	(a) With 2x 2.5 sq. mm. + earth continuity 1x 1.5 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	100	Mtr			
	(b) With 4x 10.0 sq. mm. + earth continuity 1x 6.0 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	30	Mtr			
	(c) With 4 x 4 sq. mm. + earth continuity 2 x 2.5 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	100	Mtr			
	(d) With 2 x 6 sq. mm. + earth continuity 2 x 4 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	150	Mtr			
	(e) With 4x 16 sq. mm. + earth continuity 2 x 10 sq. mm. PVC insulated unsheathed single core copper in PVC cashing caping.	40	Mtr			

NB: Rate must be written both figures and words

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	2	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 sw. mm. Single core copper wire as required and directed by deptt. Havells Make	4	Each			
7	Supplying, installation, testing and commissioning of decorative 1 x 20 watt 5700 K LED suspended tube light luminaries complete with suspension chain, LED, frame including connection with 1.5 sw. mm. Single core copper wire as required and directed by deptt. Havells Make. Cat No. LHECDOL7PW1W020	12	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. (Legrand/Havells/Crabtee/Indoasian Make	2	Each			
9	Supplying with fitting and fixing sheet steel phosphatised power painted single door surface mounting 4 way MCB enclosure and nccessary connection as directed by deptt. . Legrand/Havells/Crabtree/Indiasian Make	5	Each			
10	Supplying with fitting and fixing sheet steel phosphatised power painted single door surface mounting 2 way MCB enclosure and nccessary connection as directed by deptt. . Legrand/Havells/Crabtree/Indiasian Make	9	Each			
11	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)	2	Each			
	(c) 3 Pole 63A MCB (Legrand/Havells/Crabtree/IndiasianMake)	8	Each			
	(e) 32 A single Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	24	Each			
	(f) 63 A 4 Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	2	Each			
	(f) 40 A 4 Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	5	Each			

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	(g) 32 A double Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	9	Each			
12	Supply, installation & testing of GI Earth Station with 50mm. Dia and 3.00 mtr. Long heavy duty GI pipe with necessary 50mm dia GI fittings such as socket, tee, elbow, nipple and 65mm x 50mm size GI reducing socket for funnel including locking arrangement 300mm x 300mm x 6mm hinged cover CI earth plate complete with digging of earth pit construction of brick chamber and plastering the same in both side including refilling the pit with a layer of salt & charcoal and soil complete as specified and directed by department.	1	Each			
13	Supplying and laying of 8 SWG copper earth drawn through 15mm dia medium quality GI pipe from earth electrode (below GL) to electrical switchgears or electrical machineries including making necessary connection as approved , specified and directed by department.	10	Mtrs			
14	Supplying including fitting & fixing of 1400 mm sweep 3 blade double ball bearing premium model ceiling fan (White colour) complete with all accessories like down road (1M length), canopy etc (without regulator) including necessary connection as specified and directed by deptt. Havells/Orient Make	12	Each			
15	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)	12	Each			
16	Making good by damage done including painting etc.	L/S				
	Total quoted amount in Rs.					

Rupees:.....
.....Only