

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

NAME OF WORK :Power Points wiring works to XPS machine in SSB Building 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 5 pin 16 A power plug point with 4.0 sq. mm PVC insulated unsheathed multistrand (Finolex/Havells/ 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 6 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	6	Each			
	(c) Long point up to 10.00 M Length	10	Each			
2	Wiring for sub-main wiring with the following size of PVC insulated, unsheathed wire, single core cable (<i>Finolex/Havells Make</i>) in surface PVC casing capping (presto Plast) as required.					
	(a) With 2x 6.0 sq. mm. + earth continuity 1x 4.0 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	50	Mtr			
	(b) With 4 x 4 sq. mm. + earth continuity 2 x 2.5 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	30	Mtr			
	(c) With 4x 10 sq. mm. + earth continuity 2 x 6 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	40	Mtr			
	(d) With 4x 25 sq. mm. + earth continuity 2 x 16 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	55	Mtr			

NB: Rate must be written both figures and words

3	Supplying with fitting and fixing MCCB incomer and MCB outgoing 8 way TPN (4+18) 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			
4	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)	1	Each			
5	Supplying with fitting and fixing 12 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. (Legrand/Havells/Crabtee/Indoasian Make)	1	Each			
6	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/Indiasian Make)	4	Each			
7	Supplying with fitting and fixing sheet steel phosphatised power painted single door surface mounting 2 way MCB enclosure and ncessary connection as directed by deptt. (Legrand/Havells/Crabtree/Indiasian Make)	6	Each			
8	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 Make)	1	Each			

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	(b) 3 Pole 63A MCB (Legrand/Havells/Crabtree Make)	6	Each			
	(c) 32 A single Pole MCB (Legrand/Havells/Crabtree Make)	24	Each			
	(d) 63 A 4 Pole MCB (Legrand/Havells/Crabtree Make)	2	Each			
	(f) 40 A 4 Pole MCB (Legrand/Havells/Crabtree Make)	2	Each			
	(e) 32 A double Pole MCB (Legrand/Havells/Crabtree Make)	4	Each			
	(f) 63A double Pole MCB (Legrand/Havells/Crabtree Make)	2	Each			
9	Supplying with installation & commissioning of readymade maintenance free CPRI approved chemical earthing system with 50 mm dia 3.00 metres length corrosion free single pipe technology copper CHEMRODW ELECTRODE complete with RESLOW grounding mineral 25K and advance earth pit cover including excavation of earth pit and construction of brick earth chamber including plastering both inner and outer surface of brick wall as specified and directed by deptt	4	Each			
10	Supplying and laying of 25 x 5 mm size copper strips drawn on surface from earth electrode to switchgears, machineries etc complete with supply of brass nuts & bolts, screws etc including 32mm dia covering GI pipe, reveting, soldering & making necessary connection as approved and directed by deptt.	48	Mtr			
11	Supplying including fitting & fixing of heavy duty 450 mm sweep 900 RPM single phase AC exhaust fan complete with all making hole etc as specified and directed by the department	1	Each			
12	Making good by damage done including painting etc. as specified by deptt	L/S				
	Total Bidding value				Rs.	

Rupees:.....
.....only

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