

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

NAME OF WORK : Electrical renovation works to CPP Division at CSIR- NEIST Jorhat

Sl No	Particulars of the item	Qty	Unit	Rate in figures in	Rate in words	Amount in Rs.
1	<p>Supplying ,installation, testing and commissioning of Load Bank ready made prewired distribution board of size 630 mm width x 165 mm depth x 1054 mm height made of phosphatised powder painted wall mounting panel board complete with analong meter module, 2 x 6 way LH & RH cable alley, copper bus bar, Din rail, neutral bar, earth bar etc. for accomodation of 1 no. 4 pole MCCB incomer and 4 nos. MCCB out going as specified and directed by the deptt consting of the following :</p> <p>1. 250 A, 415V, 36KA 4 pole MCCB : 1 No 2. 125 A, 415V, 25KA 4 pole MCCB : 2 Nos. 3. 63A, 415V, 25KA 3 pole MCCB with rotery handle : 2 Nos. 4. Automatic stardetla starter 20HP : 2 Nos. 5. 0-250A moving iron ammeter 96mm x 96 mm : 1 No 6. 0-500V moving iron voltmeter 96mm x 96mm : 1 No 7. Pilot lamp with integal lead (RYB) : 3 Nos. (LED Type) 8. Voltmeter and ammeter Seclector switch : 2 Nos. 9. Control MCB-6A : 2 Nos. 10.400/5 CT coil : 3 Nos. 11. Over load relay : 25-37A : 4 Nos. 12.Neutral Link 32A : 02 Nos.</p>	1	Each			
2	<p>Supplying ,installation, testing and commissioning of Load Bank ready made prewired distribution board of size 630 mm width x 165 mm depth x 1054 mm height made of phosphatised powder painted wall mounting panel board complete with analong meter module, 2 x 6 way LH & RH cable alley, copper bus bar, Din rail, neutral bar, earth bar etc. for accomodation of 1 no. 4 pole MCCB incomer and 4 nos. MCCB out going as specified and directed by the deptt consting of the following :</p> <p>1. 250 A, 415V, 25KA 4 pole MCCB : 1 No 2. 63 A, 415V, 25KA 4 pole MCCB : 1 No. 3. 63A, 415V, 25KA 3 pole MCCB with rotery handle : 4Nos. 4. DOL starter 5HP : 3 Nos. 5. Automatic stardetla starter 20HP : 1 Nos. 6. 0-250A moving iron ammeter 96mm x 96 mm : 1 No 7. 0-500V moving iron voltmeter 96mm x 96mm : 1 No 8. Pilot lamp with integal lead (RYB) : 3 Nos. (LED Type) 9. Voltmeter and ammeter Seclector switch : 2 Nos. 10. Control MCB-6A : 2 Nos. 11.400/5 CT coil : 3 Nos. 12. Over load relay : 25-37A : 4 Nos. 13.Neutral Link 32A : 02 Nos.</p>	1	Each			

NB: Rate must be written both figures and words

3	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 Make)	1	Each			
4	Supplying and fixing 2 pole 32 A MCB complete with surface mounting sheet steel enclosure and necessary connection as required. L&T/MK/Havells Make	2	Each			
5	Supplying and fixing 4 pole 63 A MCB complete with surface mounting sheet steel enclosure and necessary connection as required. L&T/MK/Havells Make	5	Each			
6	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/L&T Make	1	Each			
7	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 Make)	12	Each			
	(ii) 63 A 4 Pole MCB (L&T/MK / Havells Make)	1	Each			
	(iii) 63 A 3 Pole MCB (L&T/MK / Havells Make)	4	Each			
	(iv) 125 A 4P MCCB (L&T/MK/Havells Make)	1	Each			
8	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 casing capping (presto Plast) as required.					
	(1) With 2 x 6 sq. mm. + earth continuity 1 x 2.5 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	20	Mtr			
	(b) With 4x 6 sq. mm. + earth continuity 1 x 2.5 sq. mm. PVC insulated unsheathed single core copper in PVC casing capping.	60	Mtr			
	(c) With 4x 16 sq. mm. + earth continuity 1 x 4 sq. mm. PVC insulated unsheathed single core copper in PVC pipe.	20	Mtr			
9	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 casing capping (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) Medium point up to 6.00 M	4	Each			
10	Supplying and fixing of 16A switch and socket (Havells Reo Make) on the existing cover including connection etc complete as required.	4	Each			
11	Making good by damage done including painting etc.	L/S				
	Total Tendering Cost in Rs.					

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