

**BOQ**

Name of work:- Dismantling of old wiring and installation of new electrical wiring at O/o the AGM, MRT Division, AEGCL, Narengi, Ghy-26

Sl. No	Cl. No	Description of item	Qty	Unit	Rate	Amount
	(C)	<b>Electrical schedule 2013-14:-</b>				
1	15.21	Supplying with fitting and fixing MCCB income and MCB outgoing sheet steel, phosphatised, powder painted single door surface mounting vertical TPN MCB DB incorporated with bas-bar, Neutral link, Earth bar up to 125A and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.  15.21.1.3 12 way TPN (4+36) single door	1	Each		
2	16.3	Supplying with fitting and fixing DP 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.  16.3.1.1 6 to 32A 16.3.1.2 40A	10 3	Each Each		
3	1.8	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface flat ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) system including earth continuity.  1.8.1=With 2 x 2.5 sq. mm. + earth continuity with 1x1.5 sq. mm. in flat 19 mm ISI marked casing 'n' capping system.  = 150.00 Total = 150.00	150.00	Rm		
		1.8.2 With 2 x 4 sq. mm. + earth continuity with 1x2.5 sq. mm. cable in flat 19 mm ISI marked casing 'n' capping system.  = 120.00 Total = 120.00	120.00	RM		

4	1.1	<p>Wiring for light/ fan/ call bell point with 2x1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including 6 Amp flush type switch/ bell push (Anchor Penta/Gold medal /Kolor kany.Kom/ Havells or equivalent make as approved by the Deptt.) GI/ MS switch board (ISI marked) half conceal on wall with phenolic laminated sheet cover ,ceiling rose (Anchor/Gold medal /Kolor kany.Kom / Havells or equivalent make as approved by 1.1.2= Medium point up to 6.00 metre. Length.</p> <p><b>Light point, GF:-</b></p> <p style="text-align: right;">For rooms = 25</p> <p><b>Call bell point:-</b></p> <p style="text-align: right;">= 3</p> <p style="text-align: right;">Total = 28</p>	28	Each		
5	Market rate	<p>Supplying,fitting and fixing of</p> <p>i) 10 watt LED light</p>	25	Each		
6	1.2	<p>Wiring to 5 a pin 6 Amps plug point with 1.5 sq. mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including 5 pin 6 Amps flush type plug socket and 6 Amps F/T switch (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.), GI/ MS switch board (I.S.I. marked) with phenolic laminated sheet cover including earth continuity with 1.5 sq. mm. cable to third pin of the plug socket etc. as</p> <p>Ground floor, for rooms:-</p> <p style="text-align: right;">= 18</p> <p style="text-align: right;">Total = 18</p>	18	Each		
7	1.3	<p>Wiring for 5/6 pin 16 Amps power plug point with 4 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including providing and fixing 5/6 pin 16 Amps flush type socket outlets and 16 Amps flush type switch ( Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.),GI/ MS switch board (I.S.I. marked) with phenolic laminated sheet cover earth continuity with 2.5 sq. mm cable to the 3rd pin of the</p> <p>1.3.2= Medium point up to 6.00 metre. Length.</p> <p>GF:-</p> <p style="text-align: right;">= 9</p>				

			Total =	9	9	Each		
8	27.6	Supplying fitting & fixing of ceiling fan regulator including connection etc. complete as required. 27.6.2=Electronic type Ground floor:-	=	16				
			Total =	16	16	Each		
9		Supply, installation & testing of G.I. earth station with perforated 40 mm dia and 4.50 Metre long heavy duty G.I. pipe with necessary 40 mm dia. G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement 300 mmx300 mmx6 mm hinged cover C.I. earth plate complete with digging of earth pit, construction of brick chamber and plastering of both inner & outer surface of wall as specified and directed by the deptt .	=	1	1	Each		
10	22.19	Supplying & laying of 8 SWG Copper earth drawn through 15 mm dia. Medium quality G.I. pipe from Earth Electrode (below G.L.) to electrical switch gears or electrical machineries including making necessary connection as approved, specified and directed by the deptt.	=	20	20	RM		