

**ELECTRICAL DIVISION****Name of Work: Construction of Addition & Alteration of Gopalpuri Hospital, G'dham**

<b>S/N</b>	<b>Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1	Supply, Installation, Testing and commissioing of Feeder Panel for distribution of underground power supply as per the technical specification No. 1.				
(i)	Supply	5	No.		
(ii)	Installation, Testing and commissioning	5	No.		
2	Supply at site 4 Core, LT armoured aluminium conductor XLPE cable of 1.1kV grade of following type & size as per the Technical Specification No. 2.				
(a)	4 Core X 70 Sq.mm	1000	Mtr.		
(b)	4 Core X 50 Sq.mm	200	Mtr.		
(c)	4 Core X 16 Sq.mm	800	Mtr.		
(e)	4 Core X 4 Sq.mm	200	Mtr.		
3	Laying, Testing & Commissioning of HT & LT XLPE cables of various sizes through following and as per the Technical Specification No. 3.				
(a)	Laying of Cable through excavation in all type of Soil as per the tech. specification No. 3 (a).	1600	Mtr.		
(b)	Laying of cable in G.I. Perforated Cable tray as per the Technical Specification No. 3 (b).	500	Mtr.		
(c)	Laying of Cable through horizontal boring in RCC Road /RCC surface by providing heavy duty HDPE pipe of suitable size as per the technical Specification No. 3 (c).	100	Mtr.		

4	Providing & fixing following concealed wiring for single phase sub-circuit from the main switch / meter/ DBs / MCBs to the switch board with copper conductor of following sizes to be used as phase & neutral and bare copper wire as earthing as per the Technical Specication No. 4.				
(a)	With 2 x 2.5 Sq.mm. copper conductor	3500	Mtr.		
(b)	With 2 x 4.0 Sq.mm. copper conductor	2000	Mtr.		
(c)	With 2 x 6.0 Sq.mm. copper conductor	3800	Mtr.		
5	Providing and Fixing concealed wiring for modular light/tube/bell point with PVC insulated single core standard 1.5 Sq.mm. copper conductor wire as per the Technical Specification No. 5.	542	No.		
6	Providing and Fixing concealed wiring for modular Fan point with PVC insulated single core standard 1.5 Sq.mm. copper conductor wire & single/twin module electronic fan regulator as per the Technical Specification No. 6.	86	No.		
7	Providing and fixing Surface wiring for Modular 5/6A X 220 Volt. as per the Technical Specification No. 7.				
(a)	Full plug point.	50	No.		
(b)	Half Plug Point.	100	No.		
8	Providing and fixing concealed wiring for 15/16A X220 Volt Modular power point as per the Technical Specification No. 8.	100	No.		
9	Providing and fixing concealed wiring for modular telephone/intercom point as per the Technical Specification No. 9.	40	No.		

10	Providing and fixing concealed wiring for 25A, Modular A.C point as per the Technical Specification No. 10.	40	No.		
11	Providing and fixing concealed wiring for 4 x 5/6A X220 Volt modular plug point with 4 Nos. SP switches for computer as per the Technical Specification No. 11.	20	No.		
12	Supply, Installation, Testing & Commissioning of 4 Way TPN (8 + 12 Module) Double Door distribution board as per the Technical specification No. 12.				
(i)	Supply	33	No.		
(ii)	Installation, Testing and commissioning	33	No.		
13	Supply & Fixing of following type of MCCB, RCCB & MCBs as per the Tech. Specification No. 13.				
(a)	6-32 A SP MCB with 10kA Breaking Capacity in 'C' Series				
(i)	Supply	391	No.		
(ii)	Fixing	391	No.		
(b)	100 A 4-Pole MCB with 10kA Breaking Capacity in 'C' Series				
(i)	Supply	33	No.		
(ii)	Fixing	33	No.		
(c)	100 Amp. 4 pole RCCB				
(i)	Supply	33	No.		
(ii)	Fixing	33	No.		
14	Supply & Fixing of revolving type Air Circulating Fan (5 star) as per the Technical Specification No. 14.				
(i)	Supply	4	No.		
(ii)	Fixing	4	No.		

15	Supply & Fixing of LED Tube Light Fixture with extruded polycarbonate of following wattage and size with complete accessories as per the Technical Specification No. 15.				
(a)	20 Watt, 1.15 Mtr. Long				
(i)	Supply	47	No.		
(ii)	Fixing	47	No.		
16	Supply & Fixing of 1200mm sweep decorative ceiling fan (5 star) with all accessories as per the Technical Specification No. 16.				
(i)	Supply	86	No.		
(ii)	Fixing	86	No.		
17	Supply of 35 Watt LED post top Lantern Light complete with 4 meter GI pole and accessories as per the Technical Specification No. 17.				
(i)	Supply	30	No.		
(ii)	Fixing	30	No.		
18	Supply & Fixing of decorative post top lantern of 36-40 Watt LED including galvanised iron pole of height 1 Mtr. and integrated junction box as per the Technical Specification No. 18.				
(i)	Supply	10	No.		
(ii)	Fixing	10	No.		
19	Supply & Fixing of LED deep down light fixture of following wattage and as per the Technical Specification No. 19.				
(a)	18/20 Watt				
(i)	Supply	316	No.		
(ii)	Fixing	316	No.		

20	Supply & Fixing of LED round surface panel light fixture of following wattage and as per the Technical Specification No. 20.				
(a)	12 Watt				
(i)	Supply	56	No.		
(ii)	Fixing	56	No.		
21	Supply & Fixing of Exhaust Fan (5 star) as per the Technical Specification No. 21.	42	No.		
22	Providing & fixing following concealed wiring for CCTV Camera from the main switch to the switch board with CAT-6 cable as per Technical Specification No. 22.	3500	Mtr.		
23	Supply & Installation of Chemical treated GI pipe-in-pipe earthing dia 25-30mm set as per relevant IS standard and as per the Technical Specification No. 23.	6	No		
24	Supply, Laying, connecting of GI Strips Connecting earth station to the equipment as per the Technical Specification No. 24.				
(a)	50x6mm thick GI				
(I)	Supply	150	Mtr.		
(II)	Laying, connecting	150	Mtr.		
(b)	25x3mm thick GI				
(I)	Supply	50	Mtr.		
(II)	Laying, connecting	50	Mtr.		

25	Providing & connecting following type earth wire for earth station to Main DB / Meter/SB as per requirement as per Technical Specification No. 25.				
(a)	8 SWG GI earthing wire.	2200	Mtr.		
26	Supply, Installation, Testing & Commissioning of 15/16 Passenger-cum-Strecher, 1088 Kg. Gearless Mc. / Auto Door Light / 3 Stop Lift as per the technical specification no. 26.	1	No.		
<b>Total Amount: Rs.</b>					

(In Words \_\_\_\_\_)

(NOTE: The rates should be inclusive of all taxes, duties, fees, cess etc and all incidental charges; but exclusive of Goods & Service Tax).

Seal & Signature of Contractor

Sd/-  
Executive Engineer (Elect.)  
Deendayal Port Authority