

**SUPPLY, INSTALLATION, TESTING & COMMISSIONING  
OF EMERGENCY LIGHTING ON EXISTING NURSE  
STATION WITHOUT AFFECTING PATIENT CARE AT  
OLD HOSPITAL IPD BLOCK AT JIPMER, PUDUCHERRY**

**Volume- IV  
BILL OF QUANTITIES**

**Tender No: HLL/IDD/CHN/20-21/048**

**Dated: 30<sup>th</sup> July 2020**



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**BILL OF QUANTITIES****TENDER NO: HLL/IDD/CHN/20-21/048 DATED 30.07.2020****NAME OF THE WORK :- SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF EMERGENCY LIGHTING ON EXISTING NURSE STATION WITHOUT AFFECTING PATIENT CARE AT OLD HOSPITAL IPD BLOCK AT JIPMER, PUDUCHERRY.**

<b>S. No</b>	<b>Description of works</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in figs in Rs.</b>	<b>Rate in words In Rupees</b>	<b>Amount in figs In Rs.</b>
1	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					
1.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	550	Meter			
1.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	4000	Meter			
1.3	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	1000	Meter			
1.4	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	40	Meter			
2	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)					
2.1	12 way , Double door	4	Each			

3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
3.1	5/6 A switch	40	Each			
4	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
4.1	Single pole	40	Each			
4.2	Triple pole	4	Each			
5	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
5.1	40 A	4	Each			
6	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	80	Each			

7	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	8	Each			
8	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1200	Kg			
9	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer ) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)					
9.1	8 way (4 + 24), Double door	1	Each			
10	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminalspreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.					
10.1	100 A, 16 KA, TPMCCB	1	Each			

11	Supplying, Installation, Testing & Commissioning of 1100VA/12V DC pure sine wave output UPS with tall tubular battery (12V,150AH) along with all necessary cables, fixtures etc all complete	4	Set			
12	Supply of 20 W LED batten with Aluminum housing & integegerated electronic driver	80	Nos			
13	Supplying and fixing following PVC surface box along with Modular base & cover plate etc. as required.					
13.1	1 or 2 Module	40	Nos			
<b>Total Amount</b>						
<b>Add GST @12%</b>						
<b>Grand Total Amount incl. of GST@12% in Figures</b>						
<b>Grand total amount in words: Rupees</b>						

1. The entire area must be made good after completion of works.
2. Damages caused to the existing property should be rectified at own risk and cost.
3. Measurements will be based on actual execution at site.

**END OF VOLUME - IV**