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## ABSTRACT ESTIMATE

Work ID : 201920037347 Name of the Work : Providing Electrification with Fans and Tube Lights  
U-DISE Code : 28145200401 School Name : MPPS BANTUMILLI  
Estimate Amount (in Rs.) : 60,738/-

Sl.No.	Description of Item	Quantity	Rate (in Rs.)	Unit	Amount (in Rs.)
1	Supply and run of 1 of 2.5 sq.mm (phase neutral and earth) FRLS / HFFR / ZHFR P.V.C. insulated 1100V grade as per IS : 694 / 1990 specification flexible copper cable in existing MS conduit pipe for individual lighting circuits including labour charges etc., complete as required for switch boards.	30	32.52	rmt	976
2	Wiring with 2 runs of 22/0.3mm ( 1.5 Sq.mm) FRLS / HFFR / ZHFR P.V.C. insulated 1100V grade as per IS : 694 / 1990 specification flexible copper cable (ISI MARK) in existing pipe with 6A Modular switch, Ceiling rose/BH/SBH Modular switches with cover plate including all labour charges etc., complete for Light, Fan, Exhaust Fan etc., complete.	12	611.17	Nos	7,334
3	Supply and fixing of 6A/10A modular 3 pin socket with 6A modular switch with 3 modular metal box with cover frame on a common board with earth continuity including wire leads, earth connections along with all labour charges etc., complete.switches	3	284.35	Nos	853
4	Supply and Transportation of 1x40W patty type tube light luminaire with copper choke, starter etc., including 1 No. 40W tube etc., complete.	8	265.00	Nos	2,120
5	Fixing of 40W tube light luminaire on wall/ ceiling with/ Tw round blocks with all accessories including giving connections and all labour charges etc., complete.	8	135.32	Nos	1,083
6	Supply and Fixing of batten holder/angle holder on existing block with 7.0W LED bulb and all labour charges etc., complete. In lieu of ceiling rose.	5	209.75	Nos	1,049

7	Supply and transportation of 60 W LED Street light Luminaire made of pressure diecast alluminium body with powder coated, having protective toughned glass	1	5900.00	Nos	5,900
8	Supply of 1200mm (48) Sweep 230V, A.C 50 Hz Ceiling Fan with 3 blades and double ball bearings with all standard accseories.	8	2020.00	Nos	16,160
9	Supply and fixing of1 Module Modular type Electronic step type Fan Regulator. in the existing switch board.	8	365.00	Nos	2,920
10	Labour charges for fixing of ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete.	8	138.88	Nos	1,111
11	Supply and fixing SPN Distribution board with IP-42 protection (Metal Door) suitable for single phase ELCB / RCCB / DP Isolator as incomer and 10kA SP MCBs as outing going including internal connection and labour charges for surface/ flush mounting etc., complete.	3	4107.07	Nos	12,321
12	Provision for SEIGNIORAGE CHARGES @ 1.00%	1	518.26	Percentage	518
13	Provision for PS Charges @ 3.00%	1	1760.52	Percentage	1,761
14	Provision for Quality Control Charges @ 0.50%	1	293.42	Percentage	293
15	Provision for NAC Charges @ 0.1%	1	51.83	Percentage	52
16	Provision for GST @ 12.00%	1	6287.56	Percentage	6,288
	Total	-	-		60,738

## DETAILED ESTIMATE

Work ID : 201920037347 Name of the Work : Providing Electrification with Fans and Tube Lights

U-DISE Code : 28145200401 School Name : MPPS BANTUMILLI

Estimate Amount (in Rs.) : 60,738/-

Description of Item	Number	Length	Width	Thickness	Total Quantity	Units	Rate in Rs.	Amount in Rs.
<b>Supply and run of 1 of 2.5 sq.mm (phase neutral and earth) FRLS / HFFR / ZHFR P.V.C. insulated 1100V grade as per IS : 694 / 1990 specification flexible copper cable in existing MS conduit pipe for individual lighting circuits including labour charges etc., complete as required for switch boards.</b>								
From TPN to SB	3	5	0	0	15			
From TPN to Power Socket	3	5	0	0	15			
Total					30	rmt	32.52	976
<b>Wiring with 2 runs of 22/0.3mm ( 1.5 Sq.mm) FRLS / HFFR / ZHFR P.V.C. insulated 1100V grade as per IS : 694 / 1990 specification flexible copper cable (ISI MARK) in existing pipe with 6A Modular switch, Ceiling rose/BH/SBH Modular switches with cover plate including all labour charges etc., complete for Light, Fan, Exhaust Fan etc., complete.</b>								
Light Points	8	0.5	0	0	4			
Fan Points	8	1	0	0	8			
Total					12	Nos	611.17	7,334
<b>Supply and fixing of 6A/10A modular 3 pin socket with 6A modular switch with 3 modular metal box with cover frame on a common board with earth continuity including wire leads, earth connections along with all labour charges etc., complete.</b>								
6A 3 pin Sockets	3	0	0	0	3			
Total					3	Nos	284.35	853
<b>Supply and Transportation of 1x40W patty type tube light luminaire with copper choke, starter etc., including 1 No. 40W tube etc., complete.</b>								
Tube Light Set	8	1	0	0	8			
Total					8	Nos	265	2,120
<b>Fixing of 40W tube light luminaire on wall/ ceiling with/ Tw round blocks with all accessories including giving connections and all labour charges etc., complete.</b>								
Fixing Charges	8	1	0	0	8			
Total					8	Nos	135.32	1,083

<b>Supply and Fixing of batten holder/angle holder on existing block with 7.0W LED bulb and all labour charges etc., complete. In lieu of ceiling rose.</b>								
Holders with Bulb	5	1	0	0	5			
Total					5	Nos	209.75	1,049
<b>Supply and transportation of 60 W LED Street light Luminaire made of pressure diecast aluminium body with powder coated, having protective toughened glass</b>								
LED Street light Luminaire	1	0	0	0	1			
Total					1	Nos	5900	5,900
<b>Supply of 1200mm (48) Sweep 230V, A.C 50 Hz Ceiling Fan with 3 blades and double ball bearings with all standard accseeories.</b>								
Ceiling Fan	8	1	0	0	8			
Total					8	Nos	2020	16,160
<b>Supply and fixing of 1 Module Modular type Electronic step type Fan Regulator. in the existing switch board.</b>								
Fan Regulator	8	1	0	0	8			
Total					8	Nos	365	2,920
<b>Labour charges for fixing of ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete.</b>								
Labour charges for fixing of ceiling fan	8	1	0	0	8			
Total					8	Nos	138.88	1,111
<b>Supply and fixing SPN Distribution board with IP-42 protection (Metal Door) suitable for single phase ELCB / RCCB / DP Isolator as incomer and 10kA SP MCBs as outing going including internal connection and labour charges for surface/ flush mounting etc., complete.</b>								
Distribution Board	3	1	0	0	3			
Total					3	Nos	4107.07	12,321
<b>Provision for SEIGNIORAGE CHARGES @ 1.00%</b>								
Total					1	Perce ntage	518.26	518
<b>Provision for PS Charges @ 3.00%</b>								
Total					1	Perce ntage	1760.52	1,761
<b>Provision for Quality Control Charges @ 0.50%</b>								
Total					1	Perce ntage	293.42	293
<b>Provision for NAC Charges @ 0.1%</b>								
Total					1	Perce ntage	51.83	52
<b>Provision for GST @ 12.00%</b>								

Total					1	Perce ntage	6287.56	6,288
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**Signature of FE/AE/AEE**

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**Signature of Deputy Executive Engineer**

**GBV Ramesh**