

ABSTRACT


Name of Work :- Electrification work of E.E. and D.E's Quarters at Irrigation colony Akola.

Sr. No.	Description	Unit	Qty	Rate	Amount
1	Dismantling the existing light, fan, bell, clock, independent plug point, wiring including circuit mains of all types along with accessories etc. complete as per specification No: WG-DMA/PW	Point	110	7.00	770.00
2	Point wiring for light/bell/exhaust fan in 20 mm FRLS grade HMS PVC conduit with 1.5 sq.mm (2+1E) FRLSH grade copper wire, modular type switch, earthing and required accessories as per specification No: WG-PW/SW	Point	105	776.00	81480.00
3	Point wiring for ceiling fan in 20 mm FRLS grade HMS PVC conduit with 1.5 sq.mm (2+1E) FRLSH grade copper wire, modular type switch, earthing and required accessories as per specification No: WG-PW/SW	Point	20	859.00	17180.00
4	Point wiring for independent plug in 20 mm FRLS grade HMS PVC conduit with 1.5 sq.mm (2+1E) FRLSH grade copper wire, modular type switch, earthing and required accessories as per specification No: WG-PW/SW	Point	50	1001.00	50050.00
5	Supplying and erecting modular type switch one way 16/20A, duly erected on provided plate and box with wiring connections complete with neon indicator.	Each	25	121.00	3025.00
6	Supplying and erecting modular type 3pin 6/16A multi socket with safety shutter, duly erected on provided plate and box with wiring connections complete	Each	25	160.00	4000.00
7	Supplying and erecting modular type (two module)electronic step regulator for fan, duly erected on provided plate and box with wiring connections complete.	Each	20	382.00	7640.00
8	Supplying and erecting anodized aluminium corridor / passage light LED fitting (4 feet) Max. 22W with high transitivity diffuser with system lumens output of Min.2200 lumens , min. efficacy of 100 lumen/W, CRI>80, CCT upto 6000K, Beam Angle of 110 deg., Ripple<5%, THD<10%, p.f. >0.95, operating range of 200-270V, surge protection of 2 kV, Life class of 50,000 Hrs. at L70B50, including driver, with end caps on provided PVC Block / wooden board with 3 years warranty.	Each	2	797.00	1594.00
9	Supplying and erecting mains with 2x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole Busbars or any other places as per specification No: WG-MA/BW	Mtr.	950	40.00	38000.00
10	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Busbars or any other places. as per specification No: WG-MA/BW	Mtr.	350	62.00	21700.00
11	Supplying and erecting mains with 2x4 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Busbars or any other places. as per specification No: WG-MA/BW	Mtr.	450	89.00	40050.00
12	Supplying, erecting & marking SPMCB 0.5A to 5A, C-series with rated short circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each	40	250.00	10000.00
13	Supplying and erecting single pole and neutral distribution board (SPNDB), with 2 ways for incoming and 10 ways (10 poles) for outgoing SP MCBs, with door, 1.2mm thickness surface / flush mounted, IP 43 Protection on iron / GI frame as per specification no. SW-SWR/MCDB	Each	3	1495.00	4485.00
14	Supplying and erecting integrated LED street light fitting 60W IP65 & IK08 class having single piece pressure die-cast aluminium housing, having system lumens output of Min. 6600 Lumens, min. efficacy of 110 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.95, operating range of 140-270V, inbuilt surge protection of 10 kV, Life class of 50,000 Hrs. at L70B50, including driver complete with 3 Years warranty as per specification No FG-ODF/FLS2.	Each	2	4970.00	9940.00
15	Supplying and erecting Street light bracket for erection of Single fitting made from 40 mm. dia 'B' class G.I. pipe 1.0 m. in length along with pole cap of 300 mm length 100 mm dia duly welded as per specification no. FG-BKT/BPC	Each	2	1043.00	2086.00
Total Rs.					292000.00

	Add 18% GST Rs	52560.00
	Total Rs	344560.00
	Bay Rs	344560.00

(In Word Rs. Three lakh fourty four thousand five hundred sixty only.)

Prepared By



S. S. Wankhade
Sectional Engineer (Elect)

Checked By



(R. V. Patapure)
Deputy Engineer
Regional Workshop
Sub Division No1 Akola

Sanctioned Estimate no .

EE/MD/AK/2025 Pt.....

Sanction for Rs 344560/- (In words Three lakh
fourty four thousand five hundred
sixty only



Executive Engineer
Mechanical Division
Akola