


# ABSTRACT


Name of the work - Supplying and Erecting Flood Light Fitting with Highmast Pole at Jigaon Lift Irrigation Scheme Hiwarkhed, Tal. Khamgaon, Dist. Buldhana.


Item No.	Description of Item	Qty.	Unit	Unit Rate	Amount
1	Supply and erecting 9m (clear height) Fixed type high-mast (Top-100mm, Bottom- 200mm) with hexagonal /round bracket and foundation bolts suitable for max. 4 nos. flood light fixtures on provided foundation as per specification no. OH-PL/OPL (excluding luminaires).	2 ✓	Set	35674.80 ✓	71349.60 ✓
2	Supplying and erecting integrated LED flood light fitting Max. 195W IP65 & IK07 class having pressure die-cast aluminium housing, having system lumens output of Min. 23400 Lumens, min. efficacy of 120 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.90, operating range of 140-270V, inbuilt surge protection of 4 kV, Life class of 50,000 Hrs. at L70B50, including driver with U shaped bracket with 3 Years warranty as per specification No FG-ODE/FLS2	8 ✓	Each	16638.30 ✓	133106.40 ✓
3	Supplying and erecting mains with 2x4 sq mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No. WG-MA/BW	230 ✓	Mtr	93.45 ✓	21493.50 ✓
4	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 25 sq mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	530 ✓	Mtr.	254.10 ✓	134673.00 ✓
5	Making trench in hard murum/Tar road having 0.9 m depth and minimum 0.3mtr width for laying provided cables of voltage range 3.3 kV to 11 kV complete as per specification No. CW-EXN-CTR	470 ✓	Mtr.	287.70 ✓	135219.00 ✓
6	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	12 ✓	Each	262.50 ✓	3150.00 ✓
7	Supplying and erecting ISI mark GI pipe 50 mm. dia 'C' class position with accessories complete. Specification no. CW-PLB/GP.	80 ✓	Mtr	847.35 ✓	67788.00 ✓

8	Providing earthing with copper earth plate size 30 x 30 x 0.315 cm complete with all materials, testing & recording the results as per specification no I/A-EP	8 ✓	Each	6810.30 ✓	54482.40 ✓
9	Providing and back filling ground enhancing compound 25 kg bag complete	8 ✓	Each	1304.10 ✓	10432.80 ✓
10	Making M-20 grade reinforced cement concrete foundation by considering the safe soil bearing capacity at site as 10 T/sq m at 1.5 m depth including supply of steel, concrete, excavation and fixing provided nut bolts with the help of template, duly plastered as per design complete (for 9m & 10m high octagonal (conical C/I pole)	2 ✓	Each	5149.20 ✓	10298.40 ✓
11	Supplying and erecting outdoor stand mounted feeder pillar for high-voltage of the same manufacturer with 32A TPN MCB incomer, 24hr astronomical time switch with minimum 5 years battery backup, IP 54 and IK10 protection, 25 A TP contactor for automatic switching of luminaires, 2 no 9A contactors and raise/lower push button, and provision for termination of adequate size of incoming and outgoing cables complete erected in min. 14 SWG CRCA sheet box with supporting angles, self lock, gasket and slanting top erected on CC foundation complete	2 ✓	Job	31192.35 ✓	62384.70 ✓
12	Supplying and erecting aluminium strip of required sizes used for earthing on wall and/or any other purpose with necessary aluminium clamps fixed on wall with insulating and non-corrosive bond with required joints. As per specification no I/A-EP	35 ✓	Kg	672.00 ✓	36960.00 ✓
13	Supplying & erecting water tight terminal box of cast iron of size 200 x 150 x 150 mm complete on pole as per specification No. CB-SB	2 ✓	Each	631.05 ✓	1262.10 ✓
Total Rs					742599.90 ✓
Add GST @ 18%					133667.98 ✓
Gross Total Rs.					876267.88 ✓
Say Rs					876268.00 ✓

(In Word Rs. Eight lakh seventy six thousand two hundred sixty eight only.)

  
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Sarcl: for Rs. 876268/- (Eight lakh seventy six thousand two hundred sixty eight only)

  
Executive Engineer,  
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AKOLA