

## 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-ODF/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 E-A-EP	8	Each	Rs10.30	54482.40
9	Providing and back filling ground enhancing compound 25 kg bags complete	8	Each	1304.10	10432.80
10	Making M-20 grade reinforced cement concrete foundation by considering the soft 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 GI pole)	2	Each	5149.20	10298.40
11	Supplying and errecting outdoor stand mounted feeder pillar for high-tension of the same manufacturer with 32A TPN MCB incoming, 24hr astronomical time switch with minimum 5 years battery backup, 1P 5A and IK 10 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 CRC 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 errecting aluminum strip of required sizes used for earthing on wall and/or any other purpose with necessary aluminum clamps fixed on wall with insulating and non-corrosive bond with required joints. As per specification no E-A-EP	55	Kg	672.00	36960.00
13	Supplying & errecting 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

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

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E/MD/AK/2016-10/01/2026

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

Lift Irrigation Mechanical & Electrical  
Sub-Div No. 1, Bhandara

Executive Engineer,  
Mechanical Division,  
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