

SCHEDULE OF QUANTITY

Name of work :- Supply & Erection of 4 nos. of High Mast (20m) lighting in RIMS, Imphal.

Estimated Cost :- Rs.47,61,120/-

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(A) SUPPLY PART

Sl. No.	Sub - Head / Items of works	Qty.	Unit	Rate in figure and words	Amount in figure and words
1	Supply of 20m high mast system with its accessories. Mast shaft shall be in three sections, hot dip galvanised and suitable for wind velocity as per IS 875. It shall also include accessories for high mast including head frame, steel wire rope 6mm dia (7/19 construction), trailing cable, double drum winch, galvanised Lantern carriage arrangement suitable for 12 nos LED flood Light luminaries symmetrically & its control gear boxes and lighting finial. The mast shall have an integral powertool installed inside the base compartment for its operation.	4	nos.		
2	Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates.	4	set		
3	Supply of non-integral floodlight luminaire suitable for 12 nos. 280 watt lamps(12 nos for each mast) and its control gear boxes.	48	nos.		
4	Supply of twin dome aviation obstruction lights with 2 nos. of lamps 1 fitting per mast is necessary if no taller structures are in near vicinity.	4	no.		
5	Supply of control panel housing 32 A TPN MCB incomer, single dial timer contactor circuit for the automatic control of luminaires, outgoing terminals and control circuit for the power tool motor.	4	no.		

(B) ERECTION PART

Sl. No.	Sub head/Items of work	Qty	Unit	Rate in gure and words	Amount in figure and words
1	Construction of suitable shallow foundation with 1:2:4 concrete for the highmast considering the safe soil bearing capacity at site as 10T.sqmtr at 2 metre depth with all materials and labour.	4	no.		
2	Erection of th high mast with the help suitable equipments and wiring of luminaires with all wiring materials and labour.	4	no.		
3	Provision of GI pipe earthing for high mast with 2.5 m long 40mm dia GI pipe including connection to High mast earth terminal with 25 x 3 mm GI flats with all materials and labour. (3 nos per mast required, one exclusively for lightning conductor & other two for earthing of the mast)	12	nos.		
4	Erection of the above panel on suitable foundation including all materials and labour.	4	no.		


 B. Khelchandra sharma
 Executive Engineer RIMS, Imphal


 Director
 RIMS, Imphal