

Khajura Rural Municipality
Office of the Rural Municipal Executive
Khajura, Banke

Specifications of High Mast Light corresponding to the Contract No.
KRM/NCB/WORKS/22/2079-80

- Supply of 16Mtr High-mast polygonal with 20 sides Hop dip galvanized 65-85 micron having Top dai 150 mm, Bottom dai-460 mm, in 2 section (length- 8300 mm each) Sheet thickness Bottom Section 4 mm, Top Section 3 mm. Base plate dai-670 mm x 30 mm , PCD 570 mm , with following items: High Mast sections with base plate, Lantern carriage suitable to fix upto 8nos of LED luminaries symmetrically on 08 Arms. 3 Point suspension Head frame, L-Stopper (3 Nos.), Mounting Plates, Lightening Arrestor and etc. Foundation Bolt-M30 X 850 (08 Nos.) with Template and Anchor Plate Double Drum Winch 500 Kg (Gear Ratio- 53:1), Motor 1.5 HP, SS Wire Rope(Grade-AISI 316, Manual Operating Handle, Trailing Cable (1 sets 5 core x 4 sq. mm EPR PCP Round Copper). Make Wipro, Trilux, Philips Crompton or Reputed Equivalent as per specification, instruction of site engineer,
- Supplying, fitting and fixing 400watt integral LED Flood light Luminaries, comprises of elegantly designed highly efficient, pressure die-cast aluminum housing with fins for better heat dissipation and heat resistant & toughened glass cover, THD<100/«, >40250- Lumen(>115Lm/watt) & Color temperature is 5700K, 60 degree Narrow LED beam angle, External SPD-10KV. IP-66 protection fitting Bearing with Wipro Cat. Ref. LF30-442-060-57-XX, ISO certified model No. LFLPI-400-CDL, make : Crompton, Wipro or reputed Equivalent make only as per specification, instruction of site engineer.
- Supplying, fitting and fixing 16mm copper 4core armoured & flexible coper 5 core 4sq mm epr Insulated pcp wire connection line to the Pole & Light as per specification, instruction of site engineer.
- Erection, Commissioning & Supervision of above High Mast Lighting System including wiring & fixing of Luminaire with Fellable Pipe wiring with 2.5 sqmm 3 core & modern engineering practices as per instruction of site engineer.
- Supplying, fitting and fixing Twin dome Led aviation Obstruction Light as per specification, instruction of site engineer.
- Supplying, fitting and fixing Earthing set digging Placing all Completer as per specification, instruction of site engineer.
- Supply & fixing of 63 Amp Feeder panel housing comprising of suitable MCB, Astro timer-contactor circuit for automatic ON/OFF of lights as per specification, instruction of site engineer.




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