

## ಮಂಗಳೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್

ಮಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಕಟ್ಟಡ, 2ನೇ ಮಹಡಿ, ಎಮ್.ಜಿ. ರಸ್ತೆ, ಲಾಲ್‌ಬಾಗ್, ಮಂಗಳೂರು - 575 003, ದ.ಕ.

ಕಾಇಂ-3/ಮಂ.ಸ್ಮಾ.ಸಿ.ಲಿ/2020-21/ಆವ್ಯ /11279

ದಿನಾಂಕ: 07.01.2021

### ಆಸಕ್ತಿಯುಳ್ಳ ಅಭಿವ್ಯಕ್ತಿದಾರರಿಂದ ಆಸಕ್ತಿ ವ್ಯಕ್ತಪಡಿಸುವಿಕೆ ಪ್ರಕಟಣೆ

**ವಿಷಯ:** ಮೊಹರು ಮಾಡಲ್ಪಟ್ಟ ಲಕೋಟೆಯಲ್ಲಿ ಈ ಕೆಳಗೆ ನಮೂದಿಸಿದ ಕೆಲಸ ಕಾರ್ಯಗಳಿಗೆ ತಮ್ಮ ಆಸಕ್ತಿ ವ್ಯಕ್ತಪಡಿಸುವಿಕೆಯ ಪತ್ರವನ್ನು ದಿನಾಂಕ: 18.01.2021 ಸಾಯಂಕಾಲ 5.00 ಗಂಟೆಯ ಒಳಗೆ ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸುವಂತೆ ಕೋರಿದೆ.

**ಕಾಮಗಾರಿ ಹೆಸರು:** ಮಂಗಳೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್ ವತಿಯಿಂದ ಅನುಷ್ಠಾನಗೊಳ್ಳುತ್ತಿರುವ ವಿವಿಧ ಕಾಮಗಾರಿಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ವಿಶೇಷ ವಿದ್ಯುತ್ ಸಾಮಗ್ರಿಗಳಿಗೆ ದರ ನಿಗದಿಪಡಿಸುವ ಬಗ್ಗೆ.

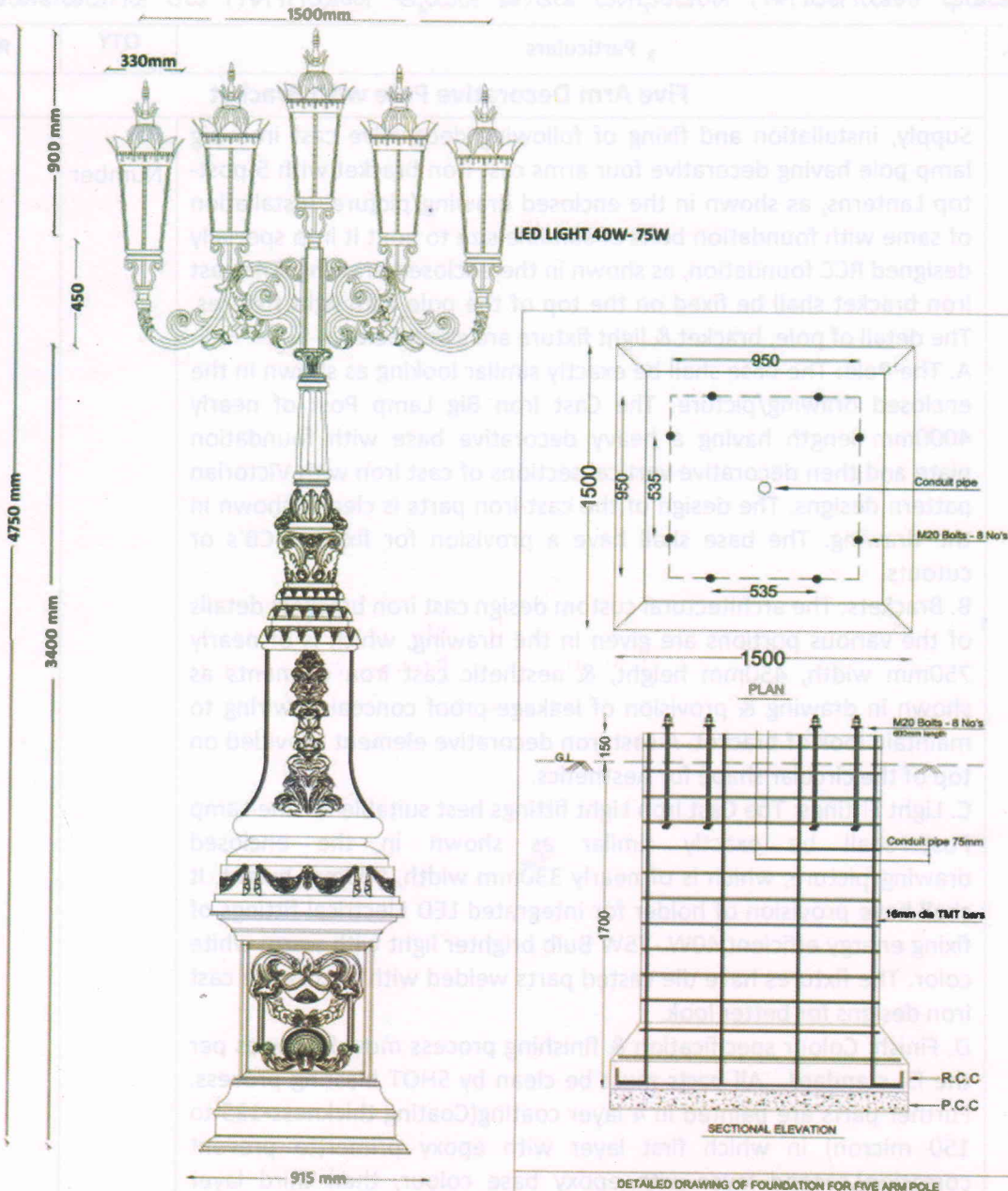
Sl.No.	Particulars	QTY	Rate
	<b>Five Arm Decorative Pole with Bracket</b>		
1	<p>Supply, installation and fixing of following decorative cast iron big lamp pole having decorative four arms cast iron bracket with 5-post-top Lanterns, as shown in the enclosed drawing/picture. Installation of same with foundation bolts of suitable size to gout it into specially designed RCC foundation, as shown in the enclosed drawing. The cast iron bracket shall be fixed on the top of the pole with light fixtures. The detail of pole, bracket &amp; light fixture are given below: -</p> <p>A. The Pole: The base shall be exactly similar looking as shown in the enclosed drawing/picture. The Cast Iron Big Lamp Post of nearly 4000mm length having a heavy decorative base with foundation plate and then decorative vertical sections of cast iron with Victorian pattern designs. The design of the cast-iron parts is clearly shown in the drawing. The base shall have a provision for fixing MCB's or cutouts.</p> <p>B. Brackets: The architectural custom design cast iron brackets details of the various portions are given in the drawing, which is of nearly 750mm width, 450mm height, &amp; aesthetic cast iron elements as shown in drawing &amp; provision of leakage-proof concealed wiring to maintain look of bracket. A cast iron decorative element provided on top of the circular shape for Aesthetics.</p> <p>C. Light Fittings: The Cast Iron Light fittings best suitable for the Lamp Post shall be exactly similar as shown in the enclosed drawing/picture, which is of nearly 330mm width, 900mm height. It shall have provision of holder for integrated LED Electrical fittings of fixing energy efficient 40W -75W Bulb brighter light with warm white color. The fixtures have die casted parts welded with decorative cast iron designs for better look.</p> <p>D. Finish: Colour specification &amp; finishing process must follow as per the ISI standard. All parts must be clean by SHOT blasting process. Further parts are painted in 4 layer coating(Coating thickness-125 to 150 micron) in which first layer with epoxy primer(to prevent corrosion),second layer with epoxy base colour, then third layer polyurethane (PU) metallic paint (Gold/Green/Copper/Silver) &amp; final</p>	Per Number	

Way to go.. Way to Grow..

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layer of polyurethane (PU) lacquer (to prevent ultra-violets ray).  
E. Material Specification: All this above parts made of cast iron castings must be of FG-150 grade as per IS 210 (2009) standard, Hardness must be in range between 130 BHN to 180 BHN. Cast iron must have Chemical composition of Carbon -3.0% to 4.0% Silicon-1.0% to 2.0%, magnesium -0.5% to 0.7%, sulphur -0.02% to 0.04% & phosphorous-0.07% to 0.09% this composition is best suitable for product strength & life.



Way to go.. Way to Grow..



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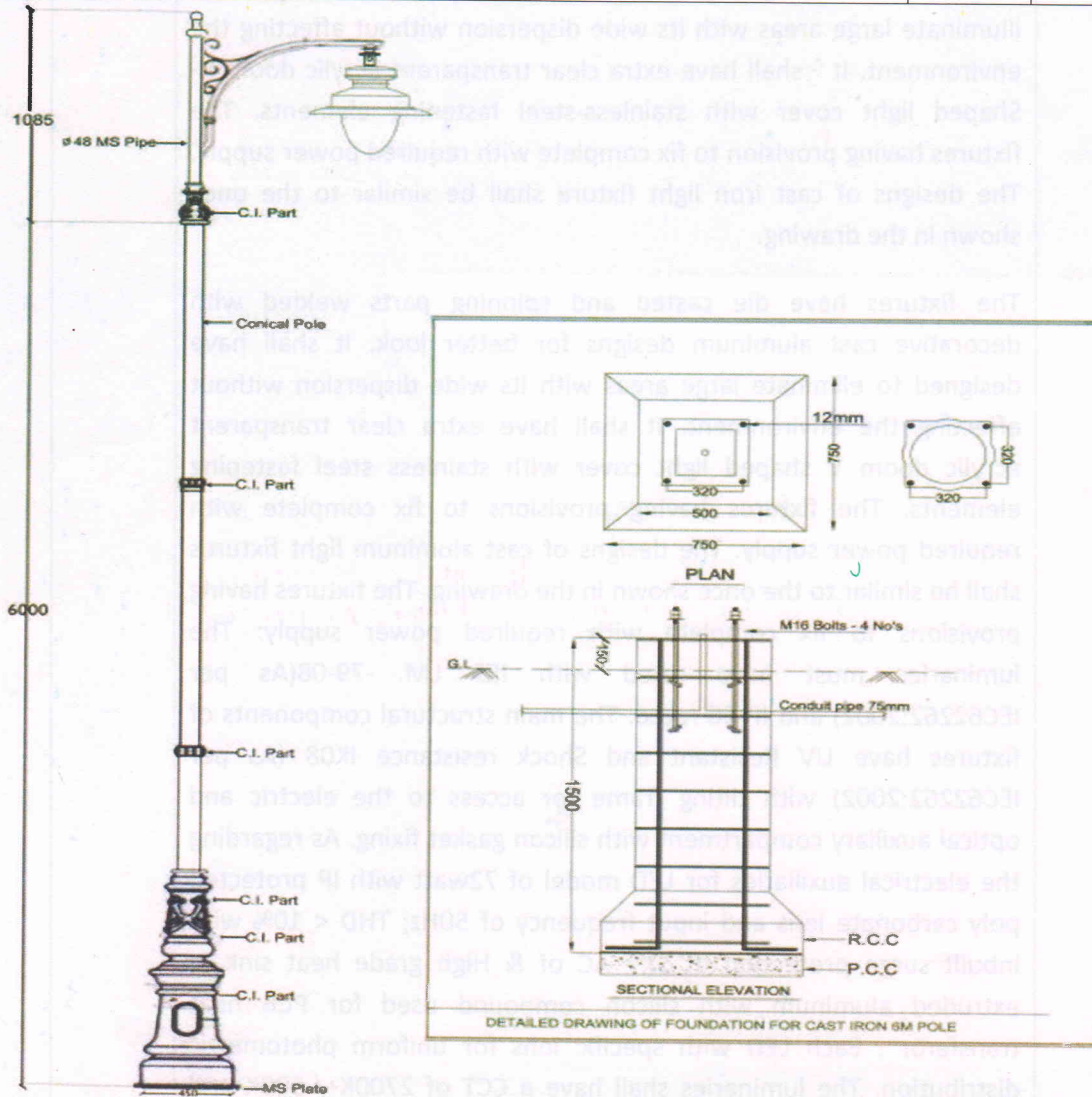
Cast iron Decorative Street Light Pole of 6.0 Mtr Height with Bracket		
2	<p><b>The Pole:</b> Fabricating, Supplying and Erection of 6.0 M high Cast Iron and MS combination based decorative lamp post with Single arm at 6.0 mtr level. The Cast Iron pole shall have a shell thickness of approximately 10-12 mm and the MS tubular portions shall be of Medium Duty. The Pole shall be provisioned with an inbuilt space for junction box and shall have base plate of 425 mm wide.</p> <p><b>Light Fittings:</b> The ornamental aluminum casted decorative suspended, Pendent/hanging type integrated LED light fittings of total height nearly 650mm having suitable Adopted/connector for fixing on required post: as shown in the enclosed drawing/picture. The fixtures have die casted &amp; spinning parts welded with decorative cast aluminum designs for better look. It shall have designed to illuminate large areas with its wide dispersion without affecting the environment. It shall have extra clear transparent acrylic doom V-Shaped light cover with stainless-steel fastening elements. The fixtures having provision to fix complete with required power supply. The designs of cast iron light fixture shall be similar to the once shown in the drawing.</p> <p>The fixtures have die casted and spinning parts welded with decorative cast aluminum designs for better look. It shall have designed to eliminate large areas with its wide dispersion without affecting the environment. It shall have extra clear transparent acrylic doom V shaped light cover with stainless steel fastening elements. The fixtures having provisions to fix complete with required power supply. The designs of cast aluminum light fixtures shall be similar to the once shown in the drawing. The fixtures having provisions to fix complete with required power supply: The luminaries must have rated with IES LM -79-08(As per IEC62262:2002) and IP-66 rated. The main structural components of fixtures have UV Resistant and Shock resistance IK08 (As per IEC62262:2002) with tilting frame for access to the electric and optical auxiliary compartment with silicon gasket fixing. As regarding the electrical auxiliaries for LED model of 72watt with IP protected poly carbonate lens and input frequency of 50Hz; THD &lt; 10% with inbuilt surge- protection of 5KV AC of &amp; High grade heat sink in extruded aluminum with silicon compound used for PCB heat transferor . Each LED with specific lens for uniform photometric distribution. The luminaries shall have a CCT of 2700K+/-500K and colour rendering index &gt;80. The LED driver shall be water proof , with aluminum casing covering with silicon potting with efficacy &gt; 85%.</p>	per number

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The LED efficiency of 90 to 100 Lumen/watt; it has support plates for LED module and wiring easily removable. It has appropriate space for auxiliary device for plate wiring. It is responsibility of the installer the correct installation and electric connection in accordance with applicable regulation.

**Finish:** Colour Specification and Finishing process must follow as per the ISI standard. All parts must be cleaned by SHOT blasting process. Further parts are painted in four layer coating (coating thickness – 125 to 150 micron) in which first layer with epoxy primer (To prevent corrosion), second layer with epoxy base colour , then third layer polyurethane (PU) metallic paint (gold/green/copper/silver) and final layer of polyurethane(PU) lacquer (To prevent ultra violets ray)




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ವಿ.ಸೂ: ಆಸಕ್ತಿಯುಳ್ಳ ಅಭಿವ್ಯಕ್ತಿದಾರರು ಸಲ್ಲಿಸಿದ ಪತ್ರವನ್ನು ಯಾವುದೇ ಕಾರಣ ನೀಡದೇ ತಿರಸ್ಕರಿಸುವ ಯಾ ಪುರಸ್ಕರಿಸುವ ಹಕ್ಕನ್ನು ಕಾಯ್ದಿರಿಸಲಾಗಿದೆ ಮತ್ತು ಇತರೇ ಶರ್ತಗಳು “ಮಂಗಳೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್”ನ ಕಂಪೆನಿ ನಿಯಮಕೋಶಪಟ್ಟಿದೆ.

1. ವಿಸ್ತೃತ ನಕ್ಷೆ/ಇತರೆ ತಾಂತ್ರಿಕ ಮಾಹಿತಿಗಳನ್ನು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು-3, ಮಂಗಳೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್ ರವರ ಕಛೇರಿ ಸಮಯದಲ್ಲಿ ಪಡೆದುಕೊಳ್ಳಬಹುದು.

ಕಛೇರಿ ನೋಟೀಸು ಫಲಕಕ್ಕೆ.

  
ಪ್ರಧಾನ ವ್ಯವಸ್ಥಾಪಕರು (ತಾಂತ್ರಿಕ)  
ಮಂಗಳೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್  
ಮಂಗಳೂರು.