



Smart LED Streetlights to brighten Bhopal with a multitude of benefits

- EESL and Bhopal Smart City Authority, Govt of Madhya Pradesh have signed an agreement for the installation of 40,000 energy efficient LED streetlights at various locations in Bhopal
- The smart LED streetlights will help enable savings of around 1.3 crore units per year. It will also result in monetary savings of around 8.5 crore per annum.

New Delhi, 9 February 2021: Today, Energy Efficiency Services Limited (EESL), a joint venture of PSUs under the Ministry of Power, Government of India, has signed an agreement with Bhopal Smart City Authority, Govt of Madhya to replace 40,000 conventional streetlights with energy efficient LED streetlights. This initiative will help brighten Bhopal with multitude of benefits such as energy savings, safer streets, and monetary savings.

The agreement was signed by Shri Aditya Singh IAS, CEO Smart City Bhopal & Shri Abhishek Gupta, EESL Cluster Head, in the august presence of Shri Rajat Kumar Sud, MD EESL.

These energy efficient LED streetlights will be installed in the ABD area, as well as other locations in Bhopal. These LED lights will help reduce carbon emissions by XX tonnes and will save electricity of 1.3 crore units, annually.

In addition to this, EESL will also provide the city with the additional benefits of having access to an affordable energy-efficient infrastructure with future-readiness, by connecting these lights to a web-based monitoring system, which will enable remote operations and additional operational savings. Centralised Control and Monitoring System (CCMS) with GIS mapping for remote control and monitoring of streetlights will also be installed in these areas.

Speaking at the occasion, **Shri Aditya Singh IAS, CEO Smart City Bhopal**, *“These LED streetlights perfectly complement our vision of a clean, green and brighter Bhopal. We are constantly on the lookout for innovative and sustainable interventions that can add momentum to our smart city mission and this agreement with EESL is a great leap in that direction.”*

Shri Rajat Sud, MD, EESL, *“Our street lighting programme has been a catalyst for socio-ecological and economic transformation, across the country, and we are glad to bring this initiative to the city of Bhopal. These 40000 energy efficient streetlights will enable significant energy and monetary savings, along with helping Bhopal reduce its emission levels, considerably.”*

EESL will make the entire upfront capital investment for this transition to LEDs and will pass on the advantage of bulk procurement to the state in a transparent manner. The State Government will pay only 50 percent of the actual cost initially and rest will be paid in next 7 years on annuity basis.



These LED lamps are equipped with a Central Control Monitoring System (CCMS), which allows remote monitoring and operation of the lights. The system sends alerts for each light that needs attention, reducing the chances of failure and sudden repair. Therefore, the avoided capacity of electricity can be ascertained from the reduced consumption of electricity.

For more information, please contact:

Nitin Bhatt

Senior Manager-PR

Energy Efficiency Services Limited (EESL)

+91 9810441324

nbhatt@eesl.co.in