



STREET LIGHT PROJECT

(Under PPP Mode INR 171.00 Cr)

PROJECT SUMMARY

Electric Street lights are essential elements of a city's environment and services. The project involved replacing all the existing conventional and non - conventional light fittings with new LED luminaries and thus, reduce the overall energy consumption. Cost and maintenance of street lights, enhance situational awareness, real - time collaboration, add intelligent IT innovations to transportation, civic utilities, and public and road safety without adding significant physical infrastructure. Real - time communications with low latency were also helpful in improving safety and security.

- ▶ Existing Sodium - vapours Street Lights replaced with LED luminaries and CSLMS panels to control the wattage consumption. It has guaranteed a minimum of 60% energy saving over non - conventional street light fixtures. Setting up of a call centre for citizens to record and add complaints in Nashik City. Dimming of street lights is allowed only between 11:00 pm to 05:00 am as per NLC guidelines.
- ▶ Old Sodium Vapour light fixtures were replaced by approximately 1,00,000 Smart LED fixtures around Nashik Pan City. Cost Saving in Electricity bill, smoothly operational control by Central Street Light management system.
- ▶ Approximately 1,00,000 Smart LED fixtures replaced, 1510 Smart Street light control Panel installed, 505 numbers Street light poles installed in ABD areas.

IMPACT

