

DEENDAYAL PORT AUTHORITY



MECHANICAL ENGINEERING DEPARTMENT

Tender No.: No.: EL/AC/2908- Budgetary offer

Budgetary offer for "Design, supply, installation, testing & commissioning of 30m High Masts for 50.95 & 35 Hectare areas including Comprehensive Annual Maintenance Contract" Amendment

Date: 02/04/2026

The 1st para Technical Specification No. 2 may be read as under,

"The contractor shall supply at site required quantity of 470-500W ($\pm 5\%$) with optical lens, IoT enabled, LED flood light fittings to achieve a Minimum 25 Lux and average 50 Lux, uniformity (U_o) ≥ 0.50 (E min /E avg.) and maintenance factor 0.8 in Grid a Size of 10 mtr X10 mtr, anywhere at ground level at 35 Hectare & 50.96 Hectare Areas at Kandla. It is clarified that the measured average (E avg) Lux level & minimum (E min) Lux level at the time of Field Test shall not be less than 62.50 Lux & 31.25 respectively."

The sub clause 2.1 last para "Illumination Level for field Test "of Technical Specification No. 2 may be read as under,

"Minimum 25 Lux and average 50 Lux, uniformity (U_o) ≥ 0.50 (E min /E avg.) and maintenance factor 0.8 in Grid a Size of 10 mtr X10 mtr, anywhere at ground level at 35 Hectare & 50.96 Hectare Areas at Kandla. It is clarified that the measured average (E avg) Lux level & minimum (E min) Lux level at the time of Field Test shall not be less than 62.50 Lux & 31.25 respectively.

The illumination level shall be measured, at area of size 100 mtr x100 mtr randomly selected by TPIA /EIC both at 35 & 50.95 hector each, anywhere at ground level, based on the illumination design submitted in the bid document.

In the event of illumination not found in the field test as per the requirement at 35 Hectare & 50.96 Hectare Area, the contractor shall have to carry out the work by increasing the number of quantity of 470-500W ($\pm 5\%$) LED flood light fittings at his own cost to complete the work within the stipulated time and as per the requirement. Also, the contractor shall pay compensation to the Deendayal Port Authority for the assessed additional power consumption at the tariff @ ₹5.91 per Unit. Deendayal Port Authority shall not pay anything extra to contractor to achieve the required illumination level. The compensation on account of extra energy consumption shall be calculated as below:

Compensation on account of extra energy consumption = Additional Power of LED flood light fitting (kW) \times 12 hours \times 365 days \times 10 years \times ₹5.91 (Prevailing tariff at DPA)."

Sd./-

**Executive Engineer
Deendayal Port Authority**