We have been placed LOI for following items by CPSGCL kindly quote your best offer with GTP :

**1. 180 Watt LED street light - 250 Nos**

( LED Street Light luminaire with System efficacy of more than 110 lm/W and with System Lumen Output 19800 Lumen. LED Street Light shall be made up of pure polyester powder coated Pressure Die Cast aluminium housing suitable to be mounted on external pole dia up to 60 mm. Luminaire shall have two separate compartments for LEDs and driver and both compartments should be hermitically sealed to achieve IP 66 ingress protection. The LEDs used in Street Light should be ANSI standard Rated LED with CCT of 5700 K and CRI of Minimum 70. LED Driver shall be Isolated type, multistage Constant Current Constant Voltage topology driver with proper heat sink for heat dissipation suitable to operate in input voltage range of 100V to 300V (nominal rated voltage – 240V) with 4 KV internal surge protection in both CM and DM mode, Power factor greater than 0.95 and total harmonic distortion (THD) of less than 10% should be integral to the luminaire. Driver shall have Low Voltage Cutoff at 100 +/- 15V. Driver shall have High Voltage Cutoff at 300 +/- 15V. Driver shall withstand 440v for 8 Hrs. The Driver output shall be SELV type (< 60V DC) to ensure safe operating and maintenance operation. LED driver shall have output short circuit & over voltage protection inbuilt.)

**2. 300 Watt LED Flood light - 50 Nos**

(300 W LED Floodlight Luminary complete. LED Floodlight shall be made up of Pressure Die Cast aluminium housing. High purity PMMA Lenses for superior performance. Tough ened glass with EPD M gaskets for IP65 protection. Complete assembly with LED,driver and accessories prewired upto terminal block in control gear compartment. Loopi n loop out connector, 10AG.F.P. for ease of wiring. Integral covered control gear compartment with connector. External radle adjustable mounting arrangement suitable for mounting with 2nos. M10 bolts. The LEDs used in floodlight should be ANSI standard Rated LED with CCT of 5700K In built integrated electronic LED driver. Input voltage :230 VAC)

**3. 90 Watt LED Street Lights - 580 Nos**

(1) System efficiency should be < 110lm/W  
2) Lumen output >/= 7650 Lumens  
3) Enclosure should be made up of pure powder coated die cast Aluminum Die cast Housing suitable to be mounted on pole dia up to 60 mm.  
4) The luminaries shall have High purity poly carbonate Lenses for superior performance. LED luminaries shall have two separate compartments for LED‟s and driver and have toughened glass with heat resistance & silicon gaskets for IP66 Protection .  
5) LEDs should be ANSI rated with CCT of 5700K and CRI of minimum 70 from the reputed makes such as Nichia, Japan / Cree, USA / Bridgelux, USA / Lumiled USA / Citizen Japan / Osram Germany.  
6) LEDs shall comply with EN 62471 standard for Photo-biological safety and certificate for the same from manufacturer shall be provided.  
7) Driver shall be Isolated type, multistage Constant Current Constant Voltage topology driver with proper heat sink for heat dissipation suitable to operate Operating input voltage range of 100V to 300 V (nominal rated voltage – 240V) with 4 KV internal surge protection in both CM and DM mode Power factor greater than 0.95 and total harmonic distortions (THD) of less than 10% should be integral to the luminaries. Driver shall have Low voltage Cutoff at 100+/-15 V .Driver shall have High Voltage cut off at 300V+/-15 V. Driver shall withstand 440V for 8 Hrs. The Driver output shall have SELV type(<60V DC) to ensure safe operating and maintenance operation.LED driver shall have output short circuit & over voltage protection in built.)