

SECTION-III**TECHNICAL SPECIFICATION FOR PURCHASE OF TORCH CHARGEABLE LED TYPE AGAINST TN-2456.****3.01 SCOPE**

This specification covers the manufacture, testing before dispatch and delivery at our stores/site of the LED Torch using maintenance free rechargeable battery.

3.02 SCHEDULE OF TECHNICAL SPECIFICATION.

LED Torch shall be manufactured and tested in accordance with the following specification / standard.

3.03 SCHEDULE OF REQUIREMENT

The approximate requirement of LED Torch using maintenance free rechargeable battery is **2,000** Nos. This requirement is tentative and the purchaser may increase/decrease the net quantity to be purchased at the time of deciding the tender.

TECHNICAL FEATURES & SPECIFICATIONS

The LED Torch using maintenance free rechargeable battery shall be having the following technical features:

- Fitted With 6V Maintenance Free SLA Battery
- 3 Watt Power LED
- Bright Light Throughout Lighting Time Using Constance Current Source
- Normal And Full Light
- SMPS Circuit-Input Range 100-280V
- Fast Charging Input 8-9 Hours
- Over Charging And Over Discharge Protection

LIGHTING TIME	3W MODEL
NORMAL LIGHT	22 HOURS
FULL LIGHT	11 HOURS

The bidder may offer better design of LED Torch using rechargeable battery. However, in that case complete technical justification shall be required to be furnished by the bidder other wise the offer shall be treated as incomplete.

3.04 GUARANTEED TECHNICAL & OTHER PARTICULARS:

The tenderer shall furnish complete guaranteed and other particulars of material offered by him as per Schedule-V.

3.05 SAMPLES:

Bidders are required to furnish One No. sample of tendered item along with dimensional drawing indicating all dimensions and weight meeting requirement of technical specification along with their Bid, failing which their bid is liable to be rejected. The sample shall be checked thereafter for visual examination and checking/ verification of dimensions, weight etc. as per specification / GTP / Drawing at CTL.

3.06 INSPECTION & TESTING:

Inspection & testing shall be as per relevant IS/GTP'S of PO. The inspecting officer shall select 5% samples randomly from the offered lot for physical verification and inspection as per specification and purchase order.

The suppliers should satisfy themselves that the material is in accordance with the terms of the contract and fully confirm to required specifications by carrying out a through pre-inspection of each quota before tending the same for inspection to the inspecting officer nominated by the purchaser. Such pre-inspection on the part of the suppliers would minimize the chances of rejection in inspection.

The material shall be tested and inspected by an authorized inspecting officer of the purchaser before dispatch. The purchaser reserves the right to get the material tested in any testing laboratory before dispatch.

3.06 PREFERENCE:

The offers of standard make and directly from the manufacturers/traders quoting shorter delivery period shall be preferred.

3.07 DEPARTURE FROM SPECIFICATION:

Should the tenderer wish to depart from the specification in any respect, he should clearly state such departures indicating the reasons thereof. Unless this is done, the departmental specification will hold good and shall be binding on the supplier unless the departures have been approved in writing by the purchaser.

3.08 TENDERS:

Tenderer shall furnish complete particulars of the material offered by them in regard to this specification and submit the same with their tender in single copy. Failure to do so or any incomplete entry therein may prevent a tender from being considered.

3.09 GENERAL

The tenders received without complete details required as per enclosed forms/schedules are liable to be rejected.

3.10 ADDITIONAL ORDER

Repeat orders for additional quantities, upto 50% of original ordered quantities, may be placed by the Nigam, on the same rates, terms and conditions given in the contract.
