

Director General CRPF
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No.U.H-98(Spec)/2024-25-Prov-14(M/Net/CRPF) Dated. the 22 August' 2024

To

The DsG: AR, BSF, CISF, ITBP, NSG, SSB and BPR&D


Subject: Uploading of QRs/Specification of Mosquito net LLINs on MHA Website.

QRs/Specification of "Mosquito net LLINs" (enclosed as **Appendix-A**) has been framed as recommended by CAPFs. It has been approved by the DG, CRPF and shared for information.

2. Henceforth, the procurement of above item will be made, strictly as per the laid down QRs/Specification. For procurement by respective CAPFs, MHA is being requested to review the OM No.21011/02/2011-Prov-I dated 06/06/2018 vide which CRPF has been made nodal force for submitting consolidated demand to CMSS, on behalf of all CAPFs.

3. QRs framed for M/Net LLIN has been approved by DG, CRPF on 20/08/2024 (empowered vide MHA letter F. No. 11012/02/2009-Fin-I-17 dated 02/01/2018).

Encl: As above.


(Shahnawaz Khan)
DIG (Prov)

No.U.H-98(Spec)/2024-25-Prov-14(M/Net/CRPF) Dated. the 22 August' 2024.

Copy forwarded to:-

1. SO (IT), North Block-with request to upload the approved QRs/Specification of "Mosquito net LLINs" for CAPFs on MHA Website (e-mail ID : soit@nic.in).
2. **Sh. Paritosh Singhal, ACEO(GeM)**, Government of India, Ministry of Commerce & Industry, Government e-Marketplace, Jeevan Tara Building, 5-Parliament Street, New Delhi-110001.
3. DIG (IT), Dte Genl., CRPF-with request to upload this approved QRs/Specification of "Mosquito net LLINs" for CAPFs on CRPF Portal and Selo Module.
4. All Zones/Sectors/GCs/Units HQr for information.


(Shahnawaz Khan)
DIG (Prov)

Technical Specification of Long Lasting Insecticidal Nets (LLINs) for CAPF

1. Requirement:

Mosquito Net LLINs offered must be registered in India with Central Insecticide Board and Registration Committee (CIB &RC) under Insecticide Act-1968. Mosquito Net LLINs should be Make in India (MII) only.

2. Dimension:

Mosquito Net LLINs shall conform to the following dimensions: -

Length	220±5 cms
Width:	115±5 cms
Height.	155±5 cms

3. Other Specifications for netting:

3.1. Physical

Netting weigh (gm/m ²)	40 (minimum)
Denier	100 (minimum)
Bursting Strength	Minimum 350 kPa (Kilopascal)
Number of Holes	Minimum 8 holes per sq.cm/ 50 holes per sq. inch
Colour	Pink/ Yellow/ Blue/ Khaki/ White/ Olive dark Green

3.2. Biological efficacy

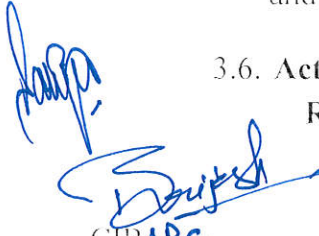
The product (Mosquito Net LLINs) must be certified by Central Insecticide Board and Registration Committee (CIB &RC).

3.3. **Dimensional Stability of netting to Washing:** Not more than 5% shrinkage/ expansion in both directions.

3.4. **Flammability:** Non-inflammable as per CIPAC 16-CFR 1610/EN 1102:2016.

3.5. **Storage Stability:** "Self-certification" certificate be submitted by the respective firms/vendors. (The insecticide content in the LLINs should not be less than 95% of the active ingredient as per original product claim after storage at 54±2 degree centigrade for two weeks for Alpha-cypermethrin/permethrin-based nets; and 40±2 degree centigrade for eight weeks for deltamethrin based nets.)

3.6. **Active Ingredient:** As approved by CIB&RC (Central Insecticide Board & Registration Committee).


CIB&RC


MSML


NITRA


Assam Rifles


BPR&D


BSE


CRPF


CISF


ITBP


NSG


SSB

4. Manufacture and Workmanship:

a. **Wall and Top**

The top shall be made from single piece of netting for all sizes of mosquito nets. The walls shall be made from one piece of netting and shall be closed with lapped seam and the seam shall be at one of the corners. One edge of the netting of the wall shall be attached to the netting at the top by means of a plain seam.

b. **Tying loops**

The nets shall be provided with same fabric stitched tying loops, four in each corner and two in middle of length of LLINs. The loop shall be 15 mm wide and 15 cm long and shall be made of same fabric as of the wall and top.

c. **Stitching**

The nets shall be made with lock stitch of even tension throughout, and loose ends securely fastened off. The number of stitches per decimetre shall be 30 to 38. The stitching shall be made by using polyester/HDPE multifilament sewing thread of matching shade.

5. Marking:

a. **Standard Mark**

The LLINs shall bear the Standard Mark in permanent ink- "**CIB & RC - Registered for CAPF-Not for Sale**" either machine printed or tagged on the top of two opposite sides of the net. In case of tags (2 numbers) the size of the tags should be 10 x 15 cm, placed on the top seam of the net. In case of machine print, the print shall be done in a continuing process/running all along the sides of the net, 10 x 15 cm below the top edge.

- i. The following information shall be indelibly marked on cloth label securely stitched at any top corner of the net: Size of the net namely length (cm), width (cm), height (cm).
- ii. Name of fibre/fabric HDPE/ Polyester.
- iii. Name of manufacture firm must be printed
- iv. Batch number, month & year of Manufacturing.
- v. Any other information mentioned in Contract/PO/Statutory provisions.
- vi. The above information along with number of pieces shall also be printed/stenciled on each bale.

CIB & RC
MSME
NITRA
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BPR&D
BSF
CRPF
CISF
ITBP
NSG
SSB

6. Packing:

- a. LLIN should be packed as per CIB & RC prescribed norms on packaging as mentioned in the registration certificate of the product.
- b. Each net shall be provided with one pictorial guidelines on single A4 size sheet highlighting DO's and DON'T's (Two different languages on each side of A4 size sheet) for community awareness on usage of LLINs. The guidelines are to be kept inside of each individual LLINs packing.

7. Sampling of Mosquito Net LLINs:

- Sampling of LLINs for testing as per ISO 2859-1 as amended from time to time with inspection level -1.
- Acceptable Quality Level (AQL) shall be, for major defect as per 4.0 and minor defect 6.5.

Note:- These specifications are wide and generic and not specific to any particular manufacturer or vendor or supplier.

CIB&RC

MSME

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Approved/~~Not Approved~~

20/8/24

Anish Dayal Singh, IPS
Director General, CRPF

For
DG