

**MINISTRY OF HEALTH & FAMILY WELFARE
Government of India
Through**

United Nations Office for Project Services, 11 Golf Links, New Delhi-110003

**INTERNATIONAL COMPETITIVE BIDDING
FROM WHOPE'S RECOMMENDED SOURCES
FOR
SUPPLY OF LONG LASTING INSECTICIDE TREATED NETS (LLINs)**

IFB No. UNOPS India/NVBDCP/LLIN/GFATM/40/2009

Amendment –IX, dt. December 11, 2009

Following amendment is made to the bid document for supply of Long Lasting Insecticide Treated Nets (LLINs), with reference to above IFB.

Reference
Section VI. Schedule of Requirements
The Technical Specifications is replaced by the following :

Technical Specifications

Important notice:

Bidders are required to complete the following with “Yes”, “No” or specific information requested for the items being supplied. Answers such as “see specifications attached”, are unacceptable. Your bid may be considered non-compliant unless all questions are answered thoroughly. Bidders are NOT allowed to make any change in the “Our minimum requirements” columns of the comparative data tables below. Such changes might disqualify your bid.

Bidders shall include with their bid any other pertinent information that UNOPS should know in order to evaluate the bid properly.

<u>Requirement</u>	<u>Bidders offer</u> <u>(Please fill in</u> <u>Yes/No)</u>
LLINs offered shall be WHOPE'S recommended and must be registered with Central Insecticide Board of India under Insecticides Act 1968	Yes/No
<u>Dimensions</u>	
The LLINs shall conform to the following dimensions:-	
Family size	
Length: 180 ± 5 cm	Yes/No
Width: 130 ± 5 cm	Yes/No
Height: 150 ± 5 cm	Yes/No
Reinforcement at bottom: 28 ± 3 cm	Yes/No
<u>Additional Requirements</u>	
Fibre characteristics : Minimum 100 denier	Yes/No
Gram per square meter : Minimum 40	Yes/No
Bursting strength : HDPE – 350 Kpa, Polyester – 250 Kpa	Yes/No
Mesh size : HDPE – 56 holes per square inch Polyester – 154 holes per square inch	Yes/No

Color : White / Khaki / Blue	Yes/No
Wash Resistance : up to 20 washes	Yes/No
Shelf life : Minimum 2 years	Yes/No
MANUFACTURE AND WORKMANSHIP	
<p>(i) Wall and Top</p> <p>The top shall be made from single joint piece of netting in case of Family size 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.</p>	Yes/No
<p>(ii) Reinforcement at Bottom</p> <p>The Height of the reinforcement should be 28 ± 3 cm. The bottom edge of the walls shall be reinforced by stitching a strip of same netting fabric of matching shade as the case may be with netting by a lapped seam.</p>	Yes/No
<p>(iii) Tying Loops</p> <p>The nets shall be provided with same fabric stitched tying loops six in case of family size bed nets. The loop shall be 12-15 mm wide and made of same fabric as of the wall and top. In case of the nets ordered with bottom reinforcement, four tying loops shall be provided at the seam joining the bottom reinforcing piece.</p>	Yes/No
<p>(iv) Stitching</p> <p>The nets shall be made with lock stitch of even tension throughout and loose ends securely fastened off. The number of stitches per decimeter shall be 30 to 38. The stitching shall be made by using same fabric sewing thread of matching shade.</p>	Yes/No
MARKING	
<p>(i) Standard Mark</p> <p>The LLINs shall bear the standard mark – NVBDCP SUPPLY - NOT FOR SALE printed or tagged on top and each wall of the bed net. The size of mark or tag should be 10 x 15 cm and would be placed 30 ± 1 cm above the bottom edge of the walls, at a distance of 50 ± 2 cm. Standard marking printing is not possible as in case of HDPE Net as ink does not stay at all on these materials due to elastic and unformed shape and also due to bigger mesh size such stamps are not at all visible. Recommend to be printed on Tag.</p>	Yes/No
<p>(ii) The following information shall be indelibly marked on cloth label securely stitched at any top corner of the net.</p> <ul style="list-style-type: none"> (a) Size of the net, namely overall length (cm), overall width (cm), overall height (cm) (b) Name of fibre of netting and its variety number. (c) Mesh size (d) Month and year of Manufacturer. (e) Any other information mentioned in Contract/PO/statutory provisions. <p>The above information along with number of pieces shall also be printed /stenciled on each bale.</p>	Yes/No

PACKING							
The LLINs shall be packed as stipulated in the contract or purchase order. Recommended procedure is given below-							Yes/No
25/50 LLINs depending on size shall be placed over one another and tied with cotton/polyester/nylon/HDPE, 2-3 mm diameter twine/rope to form a bundle. 2/4 such bundles shall be wrapped in low density polyethylene film of 60µm thickness (150 gauge) or any other suitable material as agreed to between the Purchaser and the supplier. The bale shall be stitched by HDPE/Nylon twine/rope with not less than 12 stitches per dm taking care that nets do not get pierced. The bale shall be strapped along with clips.							
SAMPLING							
The sampling procedure should be as per ISO, which is as follows.							Yes/No
Nos. of Nets in Batch	Sample Size	Maximum sample extraction from each batch	<u>Accept</u> No. of faulty samples	<u>Reject</u> No. of faulty samples	Sample Size for Lab. Test		
					Polyethylene	Polyester	
Up to 10,000	80	4 Nets	5 or less	6 or more	6	8	
From 10,001 – 35,000	125	4 Nets	7 or less	8 or more	5	8	
From 35,001 – 70,000	200	4 Nets	10 or less	11 or more	5	8	
Over 70,000	Stratified sampling. Each stratum not exceeding 70,000 and use the sampling plan as above.				5	8	

All other terms and conditions of the bid document remain unaltered.