International Organization for Migration (IOM)
The UN Migration Agency

NON-FOOD ITEMS SPECIFICATION

IOM NIGERIA_OCTOBER 2019

❖ GENERAL INTRODUCTION TO NFI SPECIFICATION

This Specification sets out the nature of the Non-Food Items to be provided under the request of the International Organization for Migrations, where quality standards are set out. The specifications are exhaustive and are to be taken as indicative of the general standards which are to be achieved.

The items required are described, this is to give a broad indication of the *type, material, design, weight, size, length, surface, volume, packaging, color etc.* of the items envisaged. In one sentence the NFI Specification is often a type of technical standard to state, explaining in detail and to be specific for easy reference. The Items are divided into three kit: Bedding, Hygiene/Protection items and Kitchen Set.

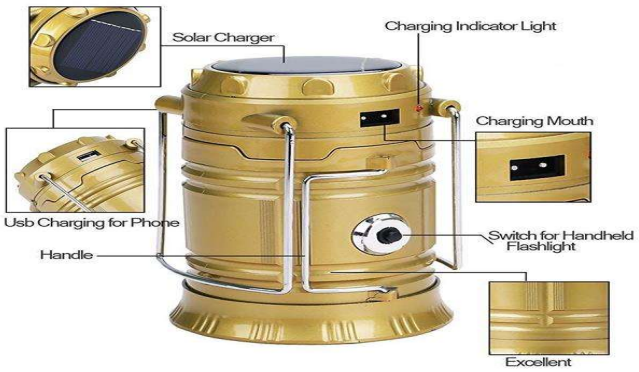
Bedding

1) Synthetic Sleeping Mat	
Description	Tightly woven twill weave fabric
Wrap	Pure virgin polypropylene (PP) multifilament
Weft	Recycled polypropylene (PP) hollow tubes not containing any filler. Minimum 1000 tubes in weft/meter length
Finish	The short sides to be secured with a first stitch folded hem, plus one bias 40mm binding tape of 10g/m minimum with stitches through the fabric of the mat, OR with a double folded stitched hem. Four sides trim finished. Binding must be secured and durable to prevent the fraying.
Color	Assorted, neutral design.
Size	1.80m x 0.90m minimum
Weight	500g/m² minimum
Packing	Bales of 25 pieces, compressed. Package to be wrapped in a protective outer PP woven canvas, with 4 straps. No individual

2) Foldable Mattress	
Description	Double sided folded mattress
Type of foam	Medium: Polyurethane foam, 25kg/m³; thickness: 10cm. Minimum, in 1 piece not glued
Cover	Woven polyester 75g/m² minimum OR non-woven polypropylene of 100g/m² minimum, with strong plastic zip.
Size	2m x 0.7m
Thickness	0.06m thickness (When flattened without folds)
Weight	2 kg
Packing	Wrapped in a water-tight micro perforated plastic film and covered with a polypropylene or jute woven bag, compressed to minimum 75% rate. Recovery after opening: minimum 96% after 24h Folded and compressed individually

3) Treated Mosquito Net	
Material	Manufactured from 100% high density polyethylene OR polyester. Mosquito nets Long Lasting Insecticidal Nets (LLIN's). Treated with 80 mg/m² Deltamethrin.
Size	190 x 180 x 150cm
Mesh size	Minimum 130 holes per inch²
Shape	Rectangular shape with 6 hangers minimum
Support material	Product should also include minimum 6 mosquito net strands, minimum 1 m each. Should include minimum 6 metallic screw on hinges.
General quality	No holes, tears and sharp edges, clean finishing
Packing	Primary packing: Individual packaging, then ball

4) Blanket	
Description	Medium thermal type
Make	Woven, dry raised both sides
Content	50% wool fibres +/-5%, 50 % other textile fibres, recycled fibres accepted.
Finish	Whipped seam at 10mm from the edge with 10 to 13 stitches/10cm or stitched ribbon or hemmed on 4 sides.
Color	Grey, brown or other dark colours, preferably not died.
Size	190 x 110cm minimum (When flattened without folds)
Thickness	3mm minimum
Weight	1 KG
Packing	• Bales to be wrapped in a water-tight micro perforated plastic film and covered with a polypropylene or jute woven bag. • Quantity per bale: 100 pieces. • Compressed and strapped with 5 straps (2 lengthwise, 3 crosswise). • Bales dimensions: Length approx. 0.8m, width approx. 0.5m • Height of the bales to be compressed by maximum 40% from free state to final compressed and strapped state. (e.g if the bale is 1m high at free state, it should be compressed to a height of 0.6m at final and strapped state).

5) Rechargeable Solar Lamp	
Description	Rechargeable lamp by built-in solar cell and 110V-250V direct power outlet. Includes USB cell phone charger and USB cable.
Material	Casing made of unbreakable plastic
Shape	Cylindrical
Height	minimum 13.4cm
Diameter	minimum 8.5cm
Weight	250g
Batteries/power	3x1000mAH. AA size. Dry Battery
LEDs	15 pieces high-brightness SMD with 1 piece lampshade
Solar Panel	Mono cristalline. Working current: 70 - 120 mA.
Time to full charge	Solar Panels: 30 hours. Power outlet: 24 hours.
Solar Run Time (duration on a day's solar charge)	Minimum 4 hrs

6) Plastic kettle	
Capacity	Minimum 2L
Material	Polyethylene with lid
Finish	Includes handled and spout with no sharp edges.

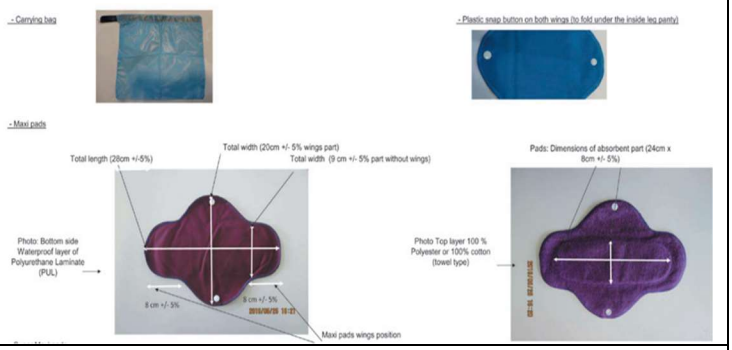
7) Synthetic Rope	
Material	Polypropylene, Plastic Rope twisted
Diameter	10mm minimum
Length	30m
Coulour	Any colour
Packing	Roll

HYGIENE /PROTECTION

8) Laundry Soap	
Description	Laundry soap for hand washing clothes, not harmful to the skin, from vegetable or animal fat, not containing pork fat.
Type	Product must be fit for human utilisation and be of sound, fair and marketable quality.
Color	Homogeneous colour
Scent	Without any disagreeable odours and flavours.
Size	11.5x7cm
Weight	200 g
Packing	At least 40 bars of 200g per carton.

9) Bathing Soap	
Description	Toilet soap in bar, not harmful to the skin, from vegetable or animal fat, not containing pork fat. Product must be fit for human utilisation and be of sound, fair and marketable quality
Type	Foaming hand wash
Content	Fatty acid: minimum 70 %. NaOH content: maximum 0.3 %.
Color	Homogeneous colour
Scent	Without any disagreeable odours and flavours.
Size	minimum 5.5x10x3cm
Weight	250g
Packing	Bars individually packed in neylon bag film sealed and enclosed on all edges. At least 40 bars of 250g per catron.

10) Aqua tab/NaDCC	
Indication	Chlorine water disinfection at the household level. Must be suitable for use with water and for human consumption.
Description	Effervescent tablets contain a set amount of sodium dichloroisocyanurate (also called NaDCC, sodium troclosene or sodium dichloro-s-triazinetrione): tablets release the required amount of chlorine when dissolved in water.
Certifications	The anhydrous sodium dichloroisocyanurate (NaDCC) compound must be certified by NSF International (or a delegated authority) in compliance with NSF/ANSI standard 60. The product must also comply with the EN 12931:2000 standard.
Packing	Tablets must to be packaged in foil strips. Batch number, manufacturing date and expiry date must be recorded on each strip. Strip must have user instructions and be clearly marked: DO NOT SWALLOW TABLET

11) Reusable Sanitary Pad	
Material	Top: Absorbent layer of Micro fleece 100% Polyester or 100% cotton (towel type). Inside: The absorbance part consists of at least two additional layers of 100% cotton (towel type) or 2 absorbent layers of Micro fleece,80% polyester and 20% polyamide. Bottom: Waterproof layer of Polyurethane Laminate (PUL)
Shape	Winged
Stitching	Firmly stitched with overlock, using soft non-irritating thread.
Colour	Pink or blue colours. Color well fixed on the pad (the towel being immersed in clear water, the water should not be colored in the color of the pad).
Absorption	The pad must have an absorption capacity of at least 40ml (absorbant) OR 60ml (super absorbant).
Length	28cm. Tolerance: +/- 5%
Width	20cm. Tolerance: +/- 5%
Thickness	Minimum 4.5mm at the middle of the pad. Tolerance: +/- 5%
Button	Plastic snap button, diameter minimun 12mm. Metal snap buttons not accepted.
General quality	Soft, no bad smell, no skin irritation.
Includes	Waterproof bag for sanitary towel
Packing	Primary pack: good quality transparent sealed polythene bag made of virgin polythene including 6 to 8 sanitary pads and waterproof bag

Jerry can (20l)	
Description	Heavy-duty plastic jerrycan with a built-in carrying handle on the top side of the jerry can next to the cap.
Material	Blow moulded from High Density Polyethylene (HDPE). Containing no toxic elements.
Manufacturing	Injection moulded screw cap of 50mm diameter minimum.
Color	Yellow jerry can with red caps. UV treated for long-term outdoor use. Allows users to see the fill-level of jerry cans without opening the lid.
Size	29.5x21x26.5cm
Weight	300g
Capacity	20 Liters minimum
Packing	The packing must guaranty that the jerrycans will not be damaged while delivery and without intended designed bended plastic surfaces.
Marking on Jerry Can	IOM logo situated in the center of the 2 largest opposite sides on each jerry can.

Jerry Can	
Description	Heavy-duty plastic jerrycan with a built-in carrying handle on the top side of the jerry can next to the cap.
Material	Blow moulded from High Density Polyethylene (HDPE). Containing no toxic elements.
Manufacturing	Injection moulded screw cap of 50mm diameter minimum.
Color	Yellow jerry can with red caps. UV treated for long-term outdoor use. Allows users to see the fill-level of jerry cans without opening the lid.
Size	24x17.5x26.5cm
Weight	minimum 250g
Capacity	10 Liters minimum
Packing	The packing must guaranty that the jerrycans will not be damaged while delivery and without intended designed bended plastic surfaces.
Marking on Jerry Can	IOM logo situated in the center of the two largest opposite sides on each jerry can.

Bucket	
Description	Heavy-duty plastic bucket, with metallic handle
Material	Virgin HDPE high density polyethylene, and virgin LDPE low density polyethylene
Manufacturing	Injection moulded.
Design	• Reinforced bottom ridge to prevent scraping of the base. Reinforced top to prevent bucket distorting to an oval shape. • Curved join inside base to wall for easy cleaning.
Dimensions +/-5%	Height: 26.5cm, top diameter: 29cm, base diameter: 21cm. Cover with outlet of 50mm +/- 10% and clip cap.
Color	Neutral color.
Weight	100g
Capacity	10 Liters minimum
Packing	• In strong boxes of 20 buckets with clipped-on handles? • Boxes must have a minimum of 5 ply and reinforced corners. Filled boxes must resist a weight of 230kg applied on a strong rigid board on top of the box (equivalent weight to 6m high stacking) without damage. The board size to be at least 100mm larger than the box in width and length (e.g. plywood with 20mm thickness). • The packing must guaranty that the buckets will not be pressed one in other to avoid blocking the buckets together.

Cooking Pot 7L	
Design	With lid. Bowl shaped parameter from the bottom side upwards connected to an inward circular bent and an outward circular extended diameter at the top. need to get measurements and where they are situated?
Capacity	7 litres minimum
Material	Locally made aluminium. Chemical composition of semi products used for the fabrication of articles for use in contact with food.
Dimensions +/-5%	Top diameter: 27cm, base diameter: 30cm.
Thickness	0.5cm
Weight	1.8kg
Handles	Two aluminium handles on opposite sides, welded and bent upward to allow a hanging bar to pass through. Handles to resist to 20kg load in the normal usage position.
Lid	1mm minimum thickness with strong durable handle. Handle must resist 2kg minimum load
Finish	No sharp edges, food grade surface finish

KITCHEN SET & IOM BAG

Cooking Pot 5L	
Design	With lid. Bowl shaped parameter from the bottom side upwards connected to an inward circular bent and an outward circular extended diameter at the top.
Capacity	5 litres minimum
Material	Locally made aluminium. Chemical composition of semi products used for the fabrication of articles for use in contact with food.
Internal diameter	measurements of design
Dimensions +/-5%	Top diameter: 23.5cm, base diameter: 28cm.
Thickness	0.5cm
Weight	1.4 kg
Handles	Two aluminium handles on opposite sides, welded and bent upward to allow a hanging bar to pass through. Handles to resist to 16kg load in the normal usage position.
Lid	1mm minimum thickness with strong durable handle. Handle must resist 2kg minimum load
Finish	No sharp edges, food grade surface finish

Tray	
Capacity	1.50-2 litres minimum
Material	200 series stainless steels of appropriate grades.
Thickness	min 0.5mm in the center of the bottom?
Diameter	Minimum 40-45cm
Weight	200-250g
Finish	No sharp edges, food grade surface finish
Packing	Carton

Serving Spoon	
Capacity	150ml minimum
Material	One-piece solid Alimunium local made
Length	35cm-40Cm
Thickness	1mm minimum in the center of the scoop
Finish	No sharp edges, food grade surface finish
Packing	In bales or cartons

Knife	
Material	One-piece solid stainless steel attached to a wooden or plastic handle
Length	29cm
Weight	100g
Thickness	min 1mm in the centre of the scoop
Packing	240 knifes with protective cover on each per carton

Plastic Basin	
Description	Heavy-duty plastic bucket
Material	Polyethylene
Manufacturing	Injection moulded.
Design	Curved join inside base to wall for easy cleaning.
Dimensions +/-5%	Height: 18cm, top diameter: 33cm, base diameter: 23cm.
Color	Neutral color.
Weight	200g
Capacity	10 Liters minimum
Packing	• In strong boxes of 60 basins • The packing must guaranty that the buckets will not be pressed one in other to avoid blocking the buckets together.

Cup 0.3L	
Capacity	0.3 litres minimum
Material	Stainless steel
Handles	Secure weld. Handle to resist to 1kg load
Finish	No sharp edges, food grade surface finish

Cup 0.4L	
Capacity	0.4 litres minimum
Material	Stainless steel
Handles	Secure weld. Handle to resist to 1kg load
Finish	No sharp edges, food grade surface finish

Cup 0.5L	
Capacity	0.5 litres minimum
Material	Stainless steel
Handles	Secure weld. Handle to resist to 1kg load
Finish	No sharp edges, food grade surface finish

Agro Bag	
Description	Bag 100x100cm, 50kg cap, 200 gsm tarp
Colour	Blue (only Blue)
Marking	IOM logo on each side. (Big Size logo)
Size	100cm x 100cm.
Material	190g/m2 +/- 20g/m2 tarpaulin with handles and ropes.
Finish	Sewn with interlocking stitching on the sides.
Strength	Strong and sturdy enough to carry 50kg.
Packing	Procured in bales of 50 pieces.