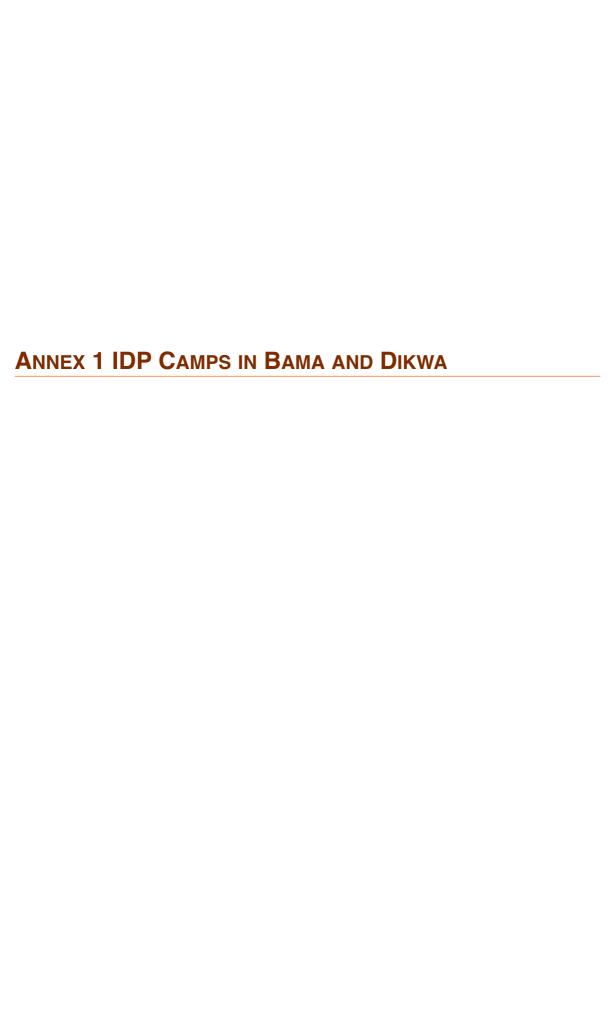
Annexes

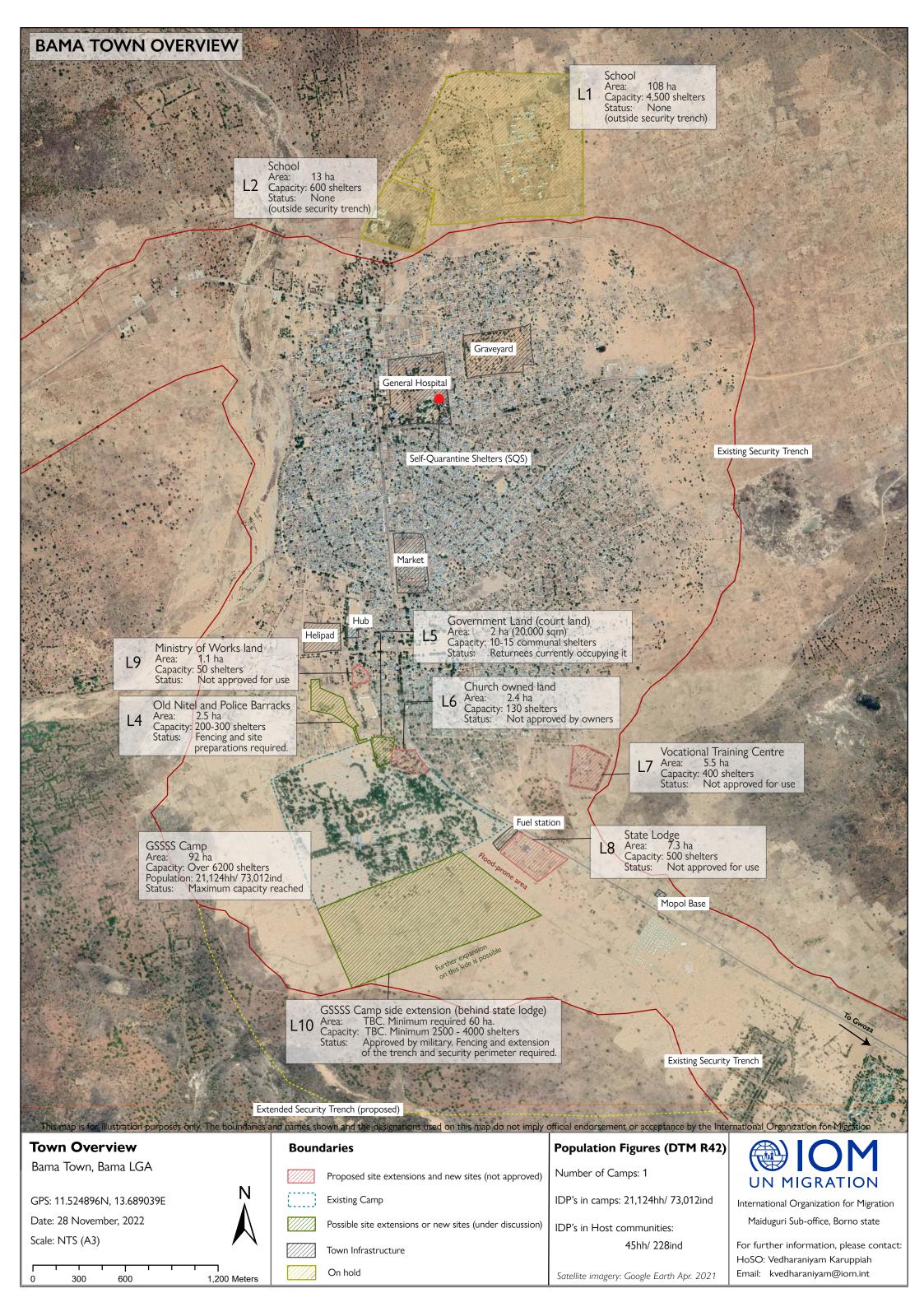
IOM's Closing the Loop Project

Bama and Dikwa, Nigeria

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ANNEX 2 WASTE INFRASTRUCTURE ASSESSMENT IN MAIDUGURI

RESEARCH SUMMARY

WASTE SITUATION IN MAIDUGURI

Maiduguri town is littered with waste such as plastic bags, containers, plants, and food scraps. This waste is openly disposed of by the road sites, the sewage, water bodies, and open fields, leading to the creation of many minor dumpsites in the city.



Image Shows drainage filled with sachets, plant and leather waste. Drainage by the road side is a usual dumping place in thou it's been frown at but it is still a practice.



Image shows how river area is use as a dumping ground. No river is clean in Maiduguri, no rules exist to stop this practice since there are no other provision made for waste collection



Image shows another river area been used as dumpsite

Facing shortage in waste collection containers, collection points, and collection services is a major challenge in managing domestic waste in Maiduguri.

From my observation and research majority of the waste generated from households is disposed of openly either by the roadside or at a nearby dumping ground. However, there are a few areas in exemption like the government reserve area (GRA) and estate where there is a proper collection service and waste containers around every corner.



Image shows a Dumpster in a G.R.A street



Image shows a BOSEPA Waste container in a collection point at a Market place

Some of the streets have no collection service at all and no access to dumpsites. In such cases, the household around there considers open-air burning as the best way of treating their waste instead of piling up waste and waiting for a day that might not come when the collection service visits the streets. Households along those streets usually dispose of their waste to a dumping ground nearby for burning. Burning of this waste is not instant as some of the waste needs to be dried, this situation usually leads to scattering of waste across the roads and drainage.



Image shows a dumpsite in a street location that has no container or collection point. Resident around this area usually burn their waste.

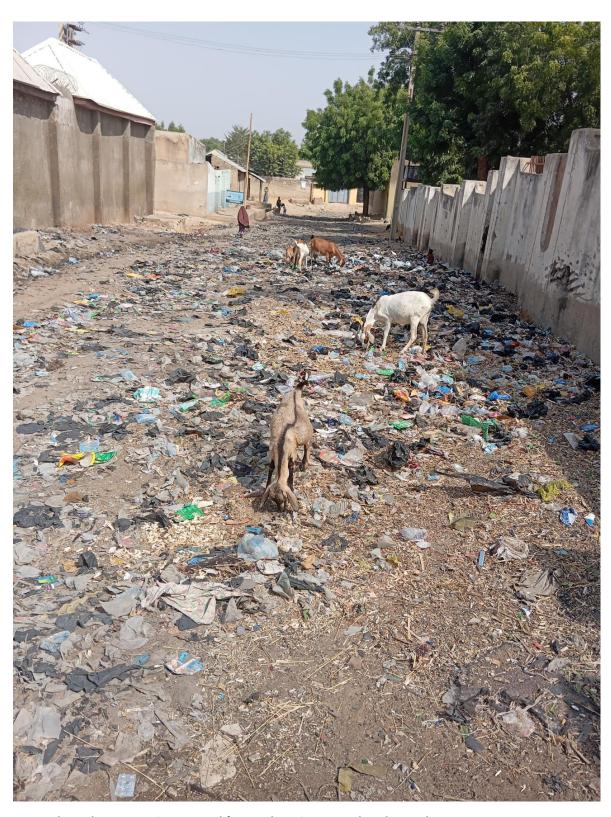


Image shows how waste is scattered from a dumping ground to the road.

In densely populated areas, waste bins are not used because they get filled in a day resulting in scattering of waste all around the bin and streets. Dumping grounds are found almost around every corner. This waste is attended a times only once in a month by the environmental protection agency which is usually the first Saturday of every month.

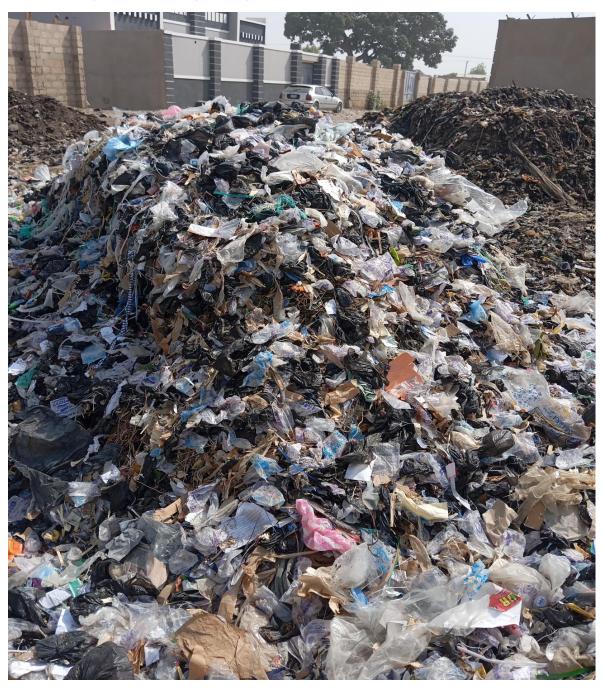


Image shows how waste is piled up on streets waiting to be transported by BOSEPA in a dense populated area.

WASTE MANAGEMENT AUTHORITY

Borno State Environmental Protection Agency (BOSEPA) is the state government waste management authority responsible for the collection, transporting, storage, treatment, and disposal of waste.

Under good conditions such as the availability of adequate infrastructure for waste collection (collection points and containers), waste is supposed to be collected daily and containers available around every corner, but the shortage of this infrastructure leads to poor service from BOSEPA.

The state government has designated the first Saturday of every month as a general sanitation day. Households clean up their front door and the nearby environment around them, then place the waste at a minor dumpsite nearby to either burn it or to be transported by BOSEPA to a landfill or a formal dumpsite. Where there are no dumpsites nearby, few individuals a times volunteer to transport the waste to informal dumpsites.



Image shows a dumpsite where waste is usually burnt

WASTE MANAGEMENT SITES

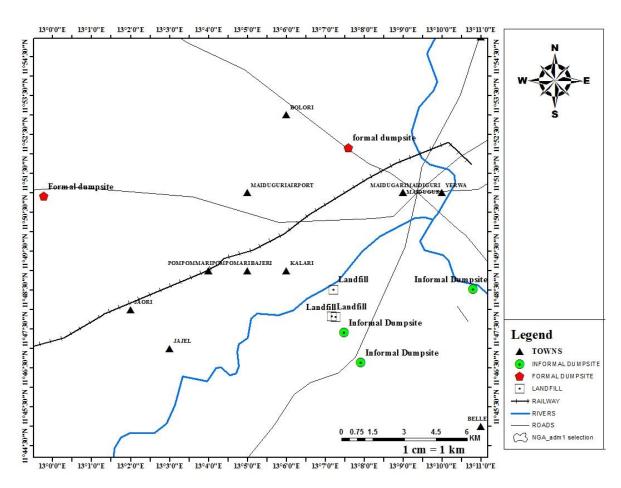


Figure 1 showing all the identified dumpsites (formal and informal) and landfill.

Management sites identified during my research work are; landfills, Dumpsite (formal and informal), Bottling Company Limited, and Borno Plastic Industries Limited BOPLAS.

Landfills; I identify Three (3) landfills which are still in use for over 20 years. They altogether cover over 11,000 square meters of land (17 plots of land) It has been a disposal site for BOSEPA over the years.



Image: Landfill



Image: Landfill



Image: Landfill

Dumpsites; I identified Three informal dumpsites and two formal dumpsites. One of the formal dumpsites is on the outskirts of the town (permanent dumpsite), and the other is a modern structure constructed by UNDP (United Nations Development Program) which is now under the maintenance of BOSEPA. This modern innovation was constructed in one of the densely populated areas (Jajeri community). Over 100 trucks full of waste are transported by BOSEPA every month from this modern site to the permanent site.



Image above is a formal dumpsite in one of the populated area.



Image shows a permanent dumping site at the outskirt of the city.



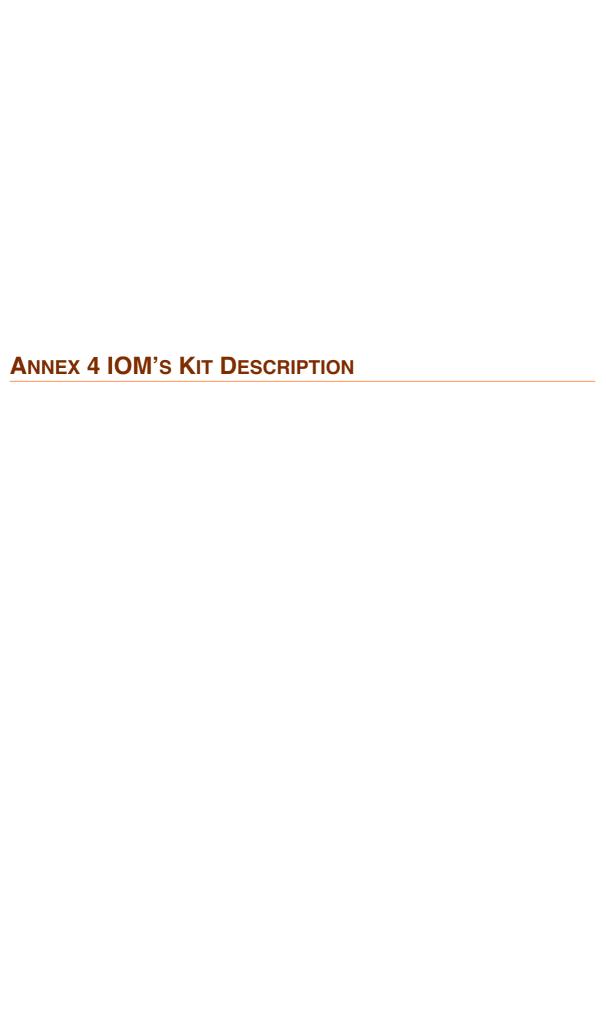
			Wast	Waste pickers in Maigiduri	.			
	Collecte d waste types	Where they sell the To whom they sell waste	To whom they sell their waste	Contact information of the buyer(s)	How much they get paid How they are paid for each waste type.		Are they employed?	Average monthly income from waste picking
example:	PET bottles and coloured In the market, or in plastic bottles the junk shop		Scrap dealer, junk shop, recyclers, etc	Postal address or telephone number	20 centimes/kg for PET bottles, etc	cash, credit, etc		
£	Plastic bottles	Junk shop	Scrap dealer	Monday Market, Under Bridge	40	cash	No	2500
P2	Rubber and PET bottles	Junk Shop	Scrap dealer	Gonge	30/60	cash	No.	3000
23	Glass bottles	Junk Shop	Scrap dealer	Beside River Ngadda	180(Dozen)	Cash	No No	2000
P4	Cartons	Junk shop	Scrap dealer	Bama Road ,Beside river ngadda	30	Cash	No	4500
P5	Rubber shoes/ plastics	Junk Shoes	Scrap dealers	Behind Monday Market-08088439907	40/30	Cash	N O	2000
P6	metal	Junk Shop	Scrap dealers	Baga Road	130/120	Cash	N _o	4500
Р7	Glass bottles/Plastic Bottles	Market	Junk Shop	Hausari Zango,09026225240	30/40	Cash	No No	3000
Ь8	PET boltles	Junk Shop	Scrap dealer	Gidan madara	40	Cash	N _O	3000
66	PET bottles, Tin can	Junk shop	Scrap dealer	Gidan Madara	35/50	Cash	8	3500
P10	metal, Plastics	Junk Shop	Scarp dealer	Damboa road	80/40	Cash	8	4500
111	PET bottles/ plastics	Juk Shop	Scrap dealer	Gidan Madara	35/40	Cash	8	3500
P10	Sacks, glass botttles	Market	Junk Shop	Zango street	100/60	cash	OU.	3000
P1	Jelly cans,sacks	Market	Junk Shop	Zango street	150(5litres).1000(25litres)/ 100	cash	Ou	8200
P12	glass bottles, sacks	Market	Junk Shop	Monday market zango street	70 /100	cash	Ou	3000
P13	Metal/PET bottles	junk shop	Scrap dealers	Damboa road	75/40	cash	OU	4000
P14	PET bottles/Jelly cans	Market	Junk Shop	Monday market	40/Jelly can150/1000(25litres)	Cash	ou	7500
P15	Metal/PET bottles	Junk Shop	Scrap dealers	Gidan madara	100/40	Cash	_Q	2500
P16	PET bottles	Junk Shop	Scrap dealers	Damboa road	35	Cash	8	3000
P17	PET bottles, metal	Junk shop	Scrap dealers	Damboa road	40	Cash	_Q	2500
P18	Metal, PET bottles	Junk Shop	Scrap dealers	Gidan madara	100/40	Cash	8	4500
НЭ	Jelly can,sack,PET botles	Market	Junk Shop	Monday market	1000(25litres)/100(5litres)/ 40	cash	ON.	0006
P20	ottles, sacks	Market	Junk Shop	Monday market	45/110	Cash	_Q	2500

			Wasi	Waste pickers in Maigiduri	-			
	Collecte d waste types	Where they sell the waste	To whom they sell their waste	Contact information of the buyer(s)	How much they get paid How they are paid for each waste type.	How they are paid	Are they employed ?	Average monthly income from waste picking
P20	glass bottles, sacks	Market	Junk Shop	Monday market	45/110	Cash	N _O	2500
P21	PET bottles	Junk Shop	Scrap Dealers	Gidan madara	40	Cash	No	3000
P22	PET bottles, glass bottles	Junk Shop	Scrap Dealers	Gidan madara	40	Cash	9 N	3500
P23	Metal, Glass bottles, PET bottles	Junk Shop	Scrap dealers	Gidan madara	120/35/40	Cash	No N	4000
P24	YellowJelly can, PET bottles	Market	Junk Shop	Zango street	150/1000(25litres), 40	Cash	8	7000
P25	PET bottles	Market/junk shop	Junk Shop/Scrap dealers	Monday Market	35/40	Cash	No N	3000
P26	Sacks,Jelly cans	Market	Junk Shop	Zango street	100(5 ltrs)/1000(25litres) (25ltrs)	Cash	ON.	8000
P27	PET bottles	Market	Junk Shop	Zango street	40	Cash	N _O	2500
P28	Rubber, Plastic bottles	Jumk Shop	Scarp dealer	Gidan madara	40/45	Cash	9 N	2700
P29	Yellow Jelly can, Sacks	Market	Junk Shop	Zango Street	120/950(25litres)/ 100(5litrs)	Cash	No N	2000
P30	Metal, PET bottles	Junk Shop	Scrap dealers	Baga Road	120/35	Cash	N _O	3500
P31	PET bottles	Junk Shop	Scrab dealers	Bayan Kasuwa	40	Cash	<u>8</u>	400
P32	PET bottles, Sacks	Market	Junk Shop	Zango street	45/90	Cash	8	4000
P33	Metal/ PET bottles	Junk Shop	Scrap dealers	Borno express	100/50	Cash	8	3000
P34	Yellow Jelly can,PET bottles	Market	Junk Shop	Zango street, Monday Market	150(5litres) 1000(25 litres)	Cash	ON.	0006
P35	PET boltles	Junk Shop	Scrap dealers	Damboa road	40	Cash	N _O	1000
P36	metal, Plastics, Rubber	Junk Shop	Scrap dealers	Damboa road	100/40/35	Cash	9	2500
P37	PET bottles, Metal	Junk Shop	Scrap dealers	Bayan Kasuwa	45/100	Cash	9	3000
P38	PET bottles	Junk Shop	Scrap dealers	Baga Road	45	Cash	8	1500
P39	Metal, Leather, PET bottle	Junk Shop	Scrap dealers	Bayan Kasuwa	110/30/40	Cash	ON.	1800
P40	PET bottles	Junk shop	Scrap dealers	Monday Market, Under Bridge	40	Cash	<u>8</u>	2000

			waste traders (scr.	waste traders (scrap dealers, junk shops, etc)				
	Waste types they buy	How much they pay for How much do they each type. (Traded In buy per month (on naira, and per average) (In naira) Kg ,unless specified)	How much do they To whom they sell buy per month (on the scrap (by average) (in naira) waste types.	Contact information of those who Do they have to buy from them. (for phone No. transport the Country code is +234) there is a pick-u service?	٩	Is there a scrap transport service?	How much it costs to transport the scrap?	Contact information of a scrap transporter. (+234)0
example:	PET bottles and coloured plastic bottles		transporter, recyclers, trader, municipality, etc					
5	Rubber(shoes), Glass Bottles	40/ Dozen glass bottles 70	10000 Scrap dealer	Bayan Kasuwa	Pick up service	yes	4000	8085933422
D2	Carton/ PET bottles	08/09	12000 Recyler	Legacy,bulunkutu. 09016471770	Transport to sell	No	3500	
D3	PET bottles/carton	45/40	21000 Scrap dealer	Bayan kasuwa. 08085933422	Transport to sell	No	4000	
D4	PET bottles	40	20000 Village Communities, Market traders	None	o _Z			
DS	Coloured Plastics bottles, Cartons	Plastics(70), Cartons(50)	21000 Scrap dealer	Muhammed,07084446126	Pick up service	Yes	3500-4500	7084446126
D6	Glass bottles, PET bottles (Glass bottles; Dozen (80)/ PET bottles 40	Glass bottles;Dozen (80)/ PET bottles 40	15000 Recyler/ Scrap dealers	Kano state,08165233683	Pick up service	No		
D7	Metals	100-120	70000 Recycler	Kano state	Transport to sell	No	1.1M	
D8	Plastics, Glass bottles	40/70(Dozen)	25000 Scrap dealer	Borno Express	Transport to sell	No	3800	
60	Jerrycan, Tin, sacks	150(5litres) 1100(25litres), Tin-50, Sacks-100	25000 Village Communities None	None	o _N	° N		
D10	PET bottles ,coloured plastics	35/40	20000 Recyler	Legacy, Maiduguri;8035051300	Transport to sell	No	3000	

			waste	waste traders (scrap dealers, junk shops, etc)	ınk shops, etc)			
	Waste types they buy	How much they pay for each type	How much of each type they buy per month (on average)?	How much of each What do they do with the type they buy per scrap (per waste type)? month (on average)?	If they recycle on site, what do they produce?	If they recycle on If they sell to a final recycler, site, what do they contact information of this produce?	If they recycle onsite, what an online interview equipment do they with the Solvoz have?	Can we schedule an online interview with the Solvoz team?
example:	PET bottles and coloured plastic bottles		PET bottles: xx kg/ month, etc	PET bottles: xx kg/ Recycling on site, ship to a foreign recycler, send to a recycler in Nigeria, etc.	plastic flakes, plastic pellets, metal ingot, etc			
Æ	PET Bottles	80/KG	15 tonnes	bailing	compact and Transport	Mallam Yahaya- 07030353623	PET baler	Yes
R2	Carton and PET bottles 105/200 (KG)	105/200 (KG)	600 tones(cartons), Crushing 300tones (PET bottles)	Crushing	Plasic flakes	Lagos Ibadan express way- Nixin paper mill Nigeria limited	PET Crusher	Yes

		wast	e traders (scrap de	waste traders (scrap dealers, junk shops, etc)	
	What do they repair?	How many repair men in a shop?	How do they get the repair parts?	Do they buy broken products to repair and sell?	How much does a repair service cost for typical problem?
example:	Furniture, e-products, IT products, etc		From Lagos, from internet, etc		Battery exchange, tehelphoe repair, etc
S1	Furniture	∞	8 Kano ,Lagos	yes	Redesigning;20000 -greater
S 2	Furniture	2	5 Kano	yes	Simple repair 15000- greater
83	Cell Phone	2	5 Lagos	yes	Camera, battery 5000- greater
84	Cell Phone	2	2 Lagos	Yes	Charging point and screen replacement; 3000
S5	Laptops	-	1 Local Market	Yes	Fan Replacement and Batteries; 4000 and 15000
98	Laptops	4	4 Lagos	Yes	keyboard or switch repair 4000
S7	Fan, Pressing Iron	2	2 Kano, Lagos	Yes	Regulator and cable repair; 2000
88	Cell Phone	7	7 Lagos	yes	Censor and screen replacement: 20000(Andriod phone) Samsung(80000 above)
83	Air conditioner, borehole pump and stabalizer	4	4 Lagos	yes	38000(Conditioner fan and stabalizer repair), 70000 (Borehole electric pump replacement
S10	Laptops	2	5 Lagos, Kano	yes	Hard disk replacement(6000) and Case change(6000)





TECHNICAL SPECIFICATIONS

IMPROVED NFI KIT

IOM

NORTH EAST NIGERIA

JANUARY 2021

CONTENT

Improved NFI Kit, according to the CCCM/SHELTER/NFI Sector guidelines for NE Nigeria, is aimed at saving lives through the provision of Assistance to the affected population in conformity with the international standards as the aim is to ensure their dignity is restored. The improved kits consist of the following items.



Improved kits.

- 3 x Sleeping Mats.
- 3 x Blanket
- 2 x Mosquito Net
- 2 x Foldable Mattress
- 2 x 2L Kettle
- 1 x 10L Basin
- 7 x Laundry Soaps
- 7 x Bathing Soaps
- 2 x Reusable Sanitary Pads
- 2 x 10L Jerry Can
- 1 x 20L Jerry Can
- 1 x Solar Lamp
- 15 x NaDCC Disinfection Tablets
- 1 x Packaging bag with IOM Logo both side
- 1 x Rope
- 2 x Kettle
- 10litre Basin
- Kitchen set
- 2 x 10L Bucket
- 3 x Cooking Pots (10 and 7 Liters)
- 2 x Stainless Trays
- 6 x Stainless Cups
- 1 x Kitchen Knife
- 2 x Serving Spoon

This document provides technical specification for each of the items 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.

ITEM 1: SYNTHETIC SLEEPING MAT



Synthetic Mat	
Description	Tightly woven twill weave fabric
Wrap	Pure virgin polypropylene (PP) multifilament
Weave	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.
Colour	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



Improved NFI Kit Technical Specification



Description	Double sided folded mattress
Type of	Medium: Polyurethane foam, 25kg/m³; thickness:
Foam	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
Size	2m x 0.7m
Thickness	0.06m thickness (When flattened without folds)
Weight	2kg
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

No 3. Treated Mosquito Nets.	
Materials	Manufactured from 100% high density polyethylene. OR polyester. Mosquito nets Long Lasting Insecticidal Nets (LLIN's). Treated with 80 mg/m² Deltamethrin. Size
Size	190 x 180 x 150cm
Mesh Size	Minimum 130 holes per inch²
Shape	Rectangular shape with 6 hangers minimum
Support Materials	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



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.
Colour	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).



Rechargeable Solar Lamps	Solar Charger Charging Indicator Light Charging Mouth Usb Charging for Phone Handle Excellent
Description	Rechargeable lamp by built-in solar cell & 110v- 250v direct power outlet. Includes USB cell phone charger & USB Cable.
Material	Casing made of unbreakable plastic
Shape	Cylindrical
Height	Minimum 13.4 cm
Diameter	Minimum 8.5cm
Weight	250g
Batteries/Power	3x100m AH. AA size. Dry Battery
LEDs	15 pieces high -brightness SMD with 1 piece lamp shade.
Solar Panel	Mono crystalline, working current: 70-120 MA

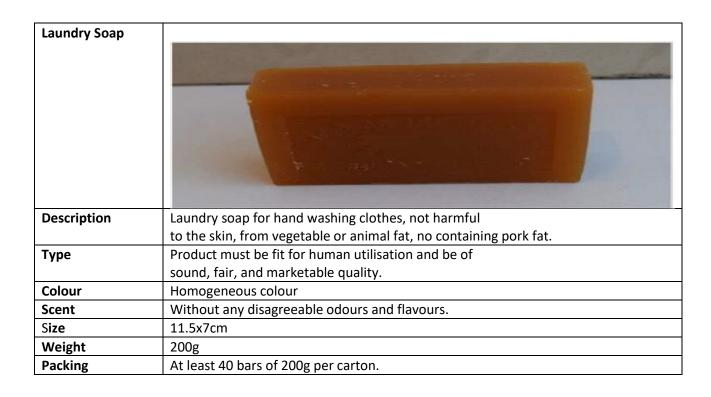


Capacity Minimum 2L Material Polyethylene with Lid Finish Includes and spout with no sharp edges.





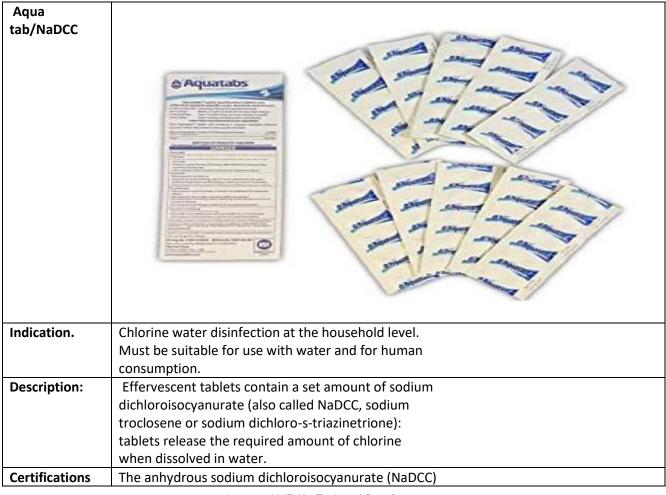
Colour	Any Colour
Packing	Roll.





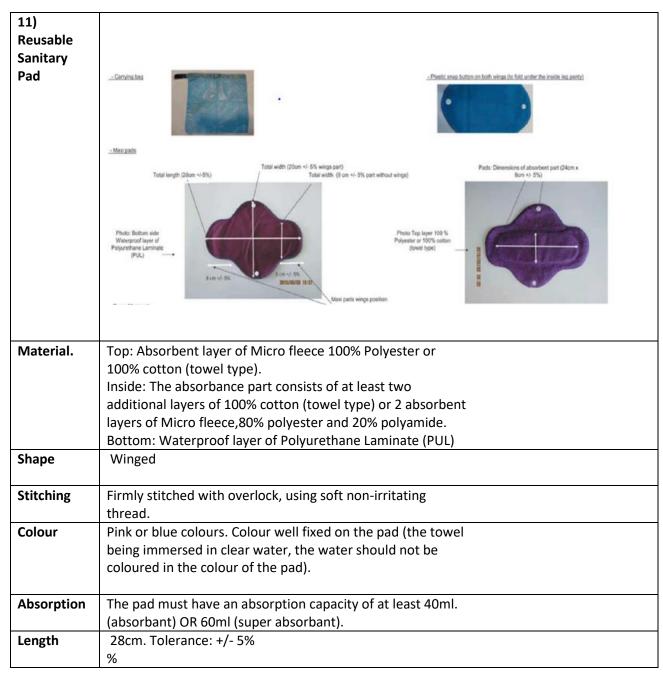


	vegetable or animal fat, not containing pork fat.
	Product must be fit for human utilisation and be of
	sound, fair, and marketable quality.
Туре	Foaming hand wash
Content	Fatty acid: minimum 70 %. NaOH content: maximum
	0.3 %.
Colour	Homogeneous colour
Scent	Without any disagreeable odours and flavours.
Size	minimum 5.5x10x3cm
Weight	250g
Packing	Packing Bars individually packed in nylon bag film sealed and
	enclosed on all edges. At least 40 bars of 250g per
	carton.





	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.
Packaging	Tablets must 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





Width	Width 20cm. Tolerance: +/- 5%
Thickness	
Includes	Button Plastic snap button, diameter Minimum 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 20 L	IOM IOM
Description	Heavy-duty plastic jerrycan with a built-in carrying handle
Material.	Material Blow moulded from High Density Polyethylene (HDPE). Containing no toxic elements.
Manufacturing.	Manufacturing Injection moulded screw cap of 50mm diameter minimum.
	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 Litres minimum Improved NFI Kit Technical Specification

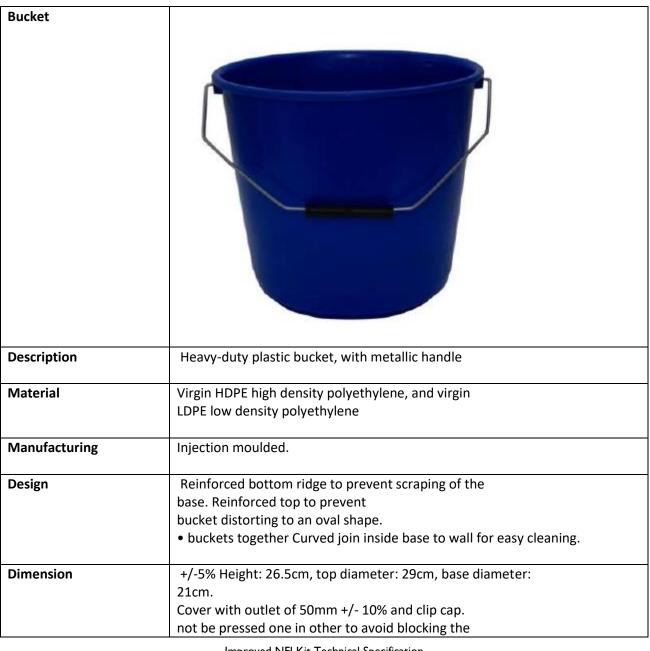


Packing	The packing must guaranty that the jerrycans will not be damaged while delivery and without intended designed. bended plastic surfaces.
Marking	on Jerry Can IOM logo situated in the centre of the 2 largest opposite sides on each jerry can.

Jerry Can	
10L	IOM
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.
Colour.	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.	jerry cans without opening the lid. 24x17.5x26.5cm
	jerry cans without opening the lid.
Size.	jerry cans without opening the lid. 24x17.5x26.5cm opposite sides on each jerry can.



	be damaged while delivery and without intended designed bended plastic surfaces.
Marking on Jerry Can	IOM logo situated in the centre of the two largest
	opposite sides on each jerry can.





Colour	Neutral colour.
Weight	100g
Capacity	10 Litres minimum larger than the box in width and length (e.g. plywood with 20mm thickness).
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. • The packing must guaranty that the buckets will not be pressed one in other to avoid blocking the buckets together.

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. need to get measurements and where they are situated?

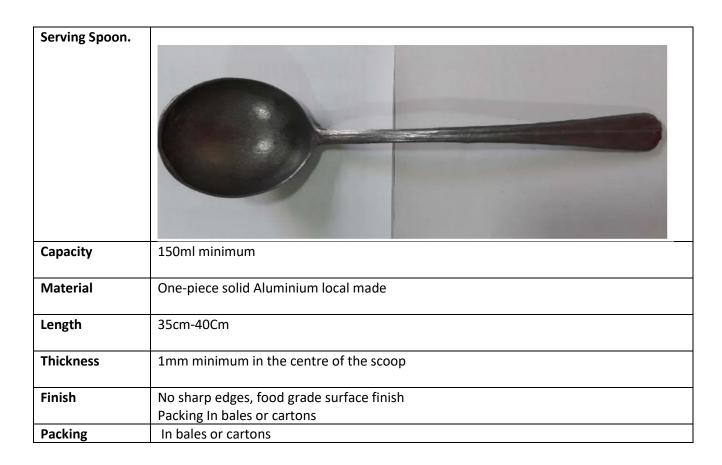


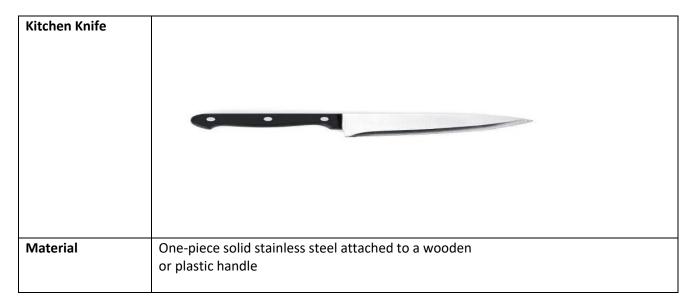
Capacity	7 litres minimum
Material	Locally made aluminium. Chemical composition of semi products used for the fabrication of articles for use in contact with food.
Dimension	+/-5% Top diameter: 27cm, base diameter: 30cm. Thickness 0.5cm
Weight	1.8kg Two aluminium handles on opposite sides, welded and 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

Tray	
Capacity	1.50-2 litres minimum
Material	200 series stainless steels of appropriate grades.
Thickness	min 0.5mm in the centre of the bottom?
Diameter	Minimum 40-45cm
Weight	200-250g



Finish	No sharp edges, food grade surface finish
	Packing Carton







Length	29cm
Weight	100g
Thickness	min 1mm in the centre of the scoop
Packing	240 knifes with protective cover on each per carton

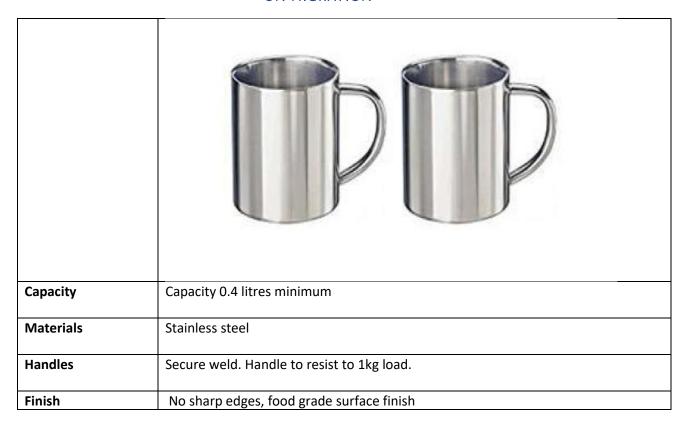
Plastic Basin	
Description.	Heavy-duty plastic bucket
Material	Polyethylene
Manufacturing	Injection moulded.
Design	Curved join inside base to wall for easy cleaning.
Dimension	+/-5% Height: 18cm, top diameter: 33cm, base diameter: 23cm.
Colour	Neutral colour.
Weight	200g
Capacity	10 Litres minimum
Packing	 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.

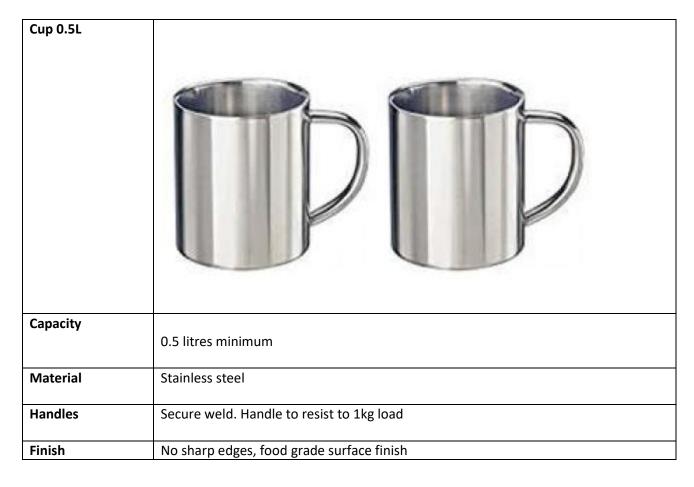


Cup 0.5L	
Capacity	0.3 litres minimum
Material	Stainless steel
Handles	Secure weld. Handle to resist to 1kg load
Finish	No sharp edges, food grade surface finish

Cup 0.4L	





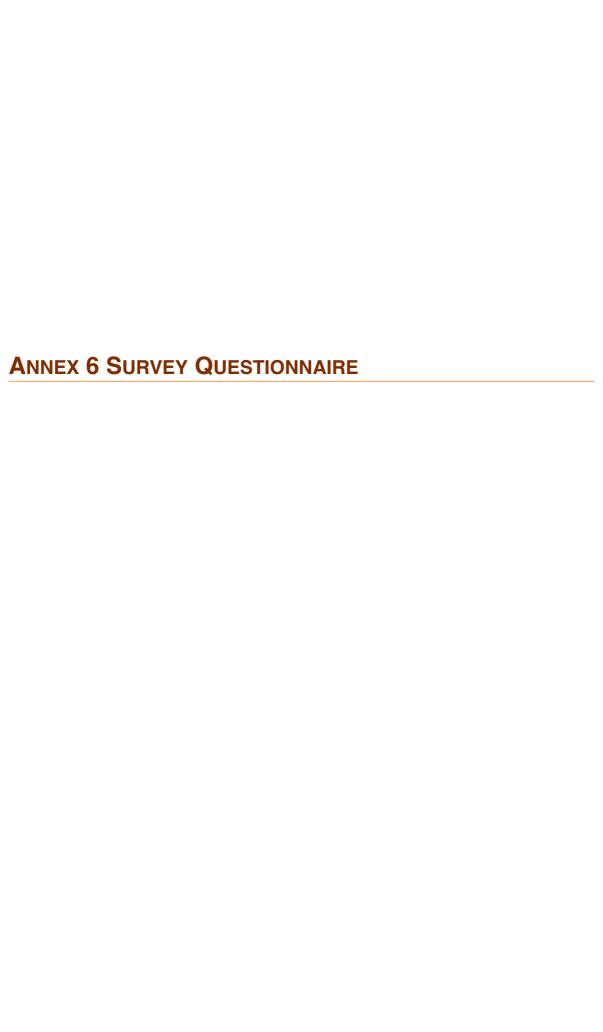




Agro Bag	LOW (SEA)
Description	Bag 100x100cm, 50kg cap, 200 gsm tarp
Colour	Blue (only Blue)
Marking	IOM logo on each side. (Big Size logo)
Size	100cm x 100cm.
Material	190g/m2 +/- 20g/m2 tarpaulin with handles and ropes.
Finish	Sewn with interlocking stitching on the sides.
Strength	Strong and sturdy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



135	285	80	1000	250	130	130	130	120	80	80	80	80	410	370	440	280	1500	245	220	20 00	1500	1500	1500	52	25	52	25	200	20	20	20	20	9	9 5	1000	1000	1755	52	20	10	10	1000
27 27 15	22	16	200	20	26	26	56	24	16	16	16	16					300	_						2	5	S	S u	0 4	4	4	4	4	2	60 60	1	200	351	2	4	2	2	200
27	22	16	200	20	56	26	56	24	16	16	16	16	85	74	88	26	300	49	44	9 4	300	300	300	2	5	ro.	ıo u	0 4	4	4	4	4	2	2 6	200	200	351	2	4	2	7	200
ı	New Arrivals	New Arrivals	New Arrivals	Old Caseload	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	Old Caseload	Old Caseload	Old Caseload	Old Caseload	New Caseload_other	Old Caseload	Old Caseload	Old Caseload	New Caseload other	New Caseload_other	New Caseload_flood	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload other	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Arrivals	Old Caseload	New Arrivals	New Caseload_other	New Caseload_other	New Caseload_other	New Caseload_other	New Arrivals
Improved NFI kit (distribution) New Arrivals	RRM Core relief item	NFI Loose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	Improved NFI kit (distribution) Old Caseload	Improved NFI kit (distribution) New Caseload	Improved NFI kit (distribution) Old Caseload	Improved NFI kit (distribution) Old Caseload	Improved INFI (distribution) Old Caseload	Cash/voucher for NFI	Cash/voucher for NFI	Improved NFI kit (distribution) New Caseload_flood	NFI Loose Items	NFI Loose Items	NFI Loose Items	New Caseload_other	NELL pose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	NFI Loose Items	Standard NFI Kit (distribution) New Arrivals	Improved NFI kit (distribution) Old Caseload	Improved NFI kit (distribution)	NFI Loose Items	NFI Loose Items	Cash/voucher for NFI	Cash/voucher for NFI	Standard NFI Kit (distribution) New Arrivals						
In Kind		In Kind	In Kind	In Kind	Voucher	Voucher	Voucher	Voucher	Voucher	Voucher	Voucher	Voucher	Voucher	Voucher	Voucher	-			-	Woucher I				Voucher			Voucher			Voucher	Voucher			Voucher			In Kind	Voucher	Voucher	Voucher	_	In Kind
ЕСНО	ЕСНО	ЕСНО	R	R OTHER	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	ВНА	ВНА	ВНА	ВНА	보	ВНА	ВНА	PHA	ECHO	ЕСНО	HN	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	CDI NHF		R UNHCR	MERCY CORP BHA	MERCY CORP BHA	MERCY CORP BHA	SP.	CDI
SHEHURI IOM		GONIRI	BO_S278 UNHCR	BO_S289 UNHCR		Bulabulin A,B,C MERC	Lawanti MERC	Kanumburi MERC	Fulatari MERC	Raberi/chesala MERC	Shehuri MERC					Ī			BO_S182 SI	BO_5142 SI	community	ugula Bama HC IOM	va_rc IOM		ij					ma				Shehuri Central MERC			BO_S110 UNHCR	buri Jaja			entral	BO_S262 COWACDI
Host Community SHE		Host Community GOI	IDP Camp BO_	IDP Camp BO	Host Community Afunori	Host Community Bula	Host Community Law	Host Community Kan	Host Community Fuls	Host Community Rab	Host Community She	Host Community Shu								IDP Camp BO	Ajiunu	Host Community kasugula Bama HC	Reception Center dikwa_rc	Host Community Afunori			Host Community Shehuri			Host Community Kirikasam				Host Community She			IDP Camp BO				munity	IDP Camp BO
BAMA SHEHURI / HAUSARI / MAIRI	BAMA SHEHURI / HAUSARI / MAIRI	BAMA SHEHURI/HAUSARI/MAIRI	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWADIKWA	DIKWA DIKWA	DIKWADIKWA	DIKWADIKWA	BAMA SHEHURI / HAUSARI / MAIRI	BAMA BUDUWA/BULA CHIRABE	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	DIKWA DIKWA	BAMA SHEHIBI/HAIISABI/MAIBI	BAMA SHEHURI / HAUSARI / MAIRI	BAMA SHEHURI/HAUSARI/MAIRI	BAMA SHEHURI / HAUSARI / MAIRI	BAMA SHEHURI/HAUSARI/MAIRI	BAMA SHEHURI / HAUSARI / MAIRI	BAMA SHEHURI/HAUSARI/MAIRI	BAMA SHEHURI / HAUSARI / MAIRI	BAMA SHEHURI / HAUSARI / MAIRI	BAMA BUDUWA/BULA CHIRABE	DIKWADIKWA	BAMA SHEHURI / HAUSARI / MAIRI	BAMA SHEHURI / HAUSARI / MAIRI	BAMA SHEHURI/HAUSARI/MAIRI	BAMA SHEHURI / HAUSARI / MAIRI				
1/19/24 December	1/19/24 December	1/19/24 December	11/6/23 October	11/6/23 October	9/1/23 August	9/1/23 August	9/1/23 August	9/1/23 August	9/1/23 August	9/1/23 August	9/1/23 August	9/1/23 August	8/7/23 July	8/7/23 July	8/7/23 July	8/7/23 July	7/11/23 June	7/6/23 June	7/6/23 June	7/6/23 June	6/28/23 May	6/28/23 May	6/28/23 June	6/13/23 April	6/13/23 April	6/13/23 April	6/13/23 April	6/13/23 April	6/13/23 April	6/13/23 April	6/13/23 April	6/13/23 April	6/13/23 April	6/13/23 April	6/9/23 May	6/5/23 May	5/11/23 February	5/1/23 April	4/29/23 April	4/29/23 April	4/29/23 April	4/29/23 April



Waste Management main Survey

Basic Demographic Information

Female	
RESPONDENT AGE	•
COMPOSITION OF YOUR HOUSEHOLD:	.
AGE GROUP NUMBER OF NUMBER OF NUMBER OF PERSONS WITH DISABILITY	
TOTAL NUMBER	•
INFANT (0-4 YEARS OLD)	•
SCHOOL © CHILD (5-12	•
YEARS OLD)	
CHILD (13- 18 YEARS	٥
OLD)	
ADULT (19- 65 YEARS	٠
OLD)	
ABOVE 65 YEARS OLD	٠

HOUS	SE TYPE:
\bigcirc	Shelter
\bigcirc	Shared Bungalow
\bigcirc	Individual Bungalow
\bigcirc	Mud House
0	Other
Pot	ential Income generating activities Information
WHA	T IS YOUR MONTHLY INCOME?
\bigcirc	5,000 - 10,000
\bigcirc	11,000 - 20,000
\bigcirc	21,000 - 50,000
\circ	above 50,000
HOW	DO YOU EARN IT?
IS TH	ERE ANY CONSISTENT FORM OF INCOME?
\circ	Yes
0	No
WHA	T IS SOMETHING THAT WOULD ENHANCE YOUR CURRENT INCOME?
Use	e of Cash transfer information
DO Y	OU OWN A MOBILE TRANSFER PHONE THAT YOU USE?
\bigcirc	Yes
0	No
HAVE	YOU USED MOBILE MONEY?
\circ	Yes
\circ	No
IF YES	5, HOW DID YOU FIND USING MOBILE MONEY?

HAVE YOU RECEIVED ANY CASH/VOUCHERS IN THE PAST?	
Yes	
O No	
IF YES, HOW DID YOU FIND USING CASH/VOUCHER?	
Cooking Information	
DO YOU COOK WITH COOKING STOVE?	
Yes	
O No	
COOKING STOVE	
Take picture of the cooking stove	
Cliquez ici pour téléverser un fichier. (< 5MB)	
HOW DID YOU GET THE COOKING FUEL?	
DO YOU CURRENTLY USE WASTE AS COOKING FUEL?	
Yes	
○ No	
WAHT IS SOMETHING THAT WOULD HELP YOU ENCHANCE THE USE OF WASTE AS	S COOKING FUEL?
Humanitarian Items Survey	
DID YOU RECEIVED ANY HUMANITARIAN ITEMS IN THE LAST 12 MONTHS?	
Yes	
O No	
WHAT DID YOU RECEIVED AS HUMANITARIAN ITEMS IN THE LAST 12 MONTHS?	
WHAT DID YOU DO WITH THEM?	
	DETAIL COF ITTM TOOM TO
HUMANITARIAN ITEMS USE IT OR SELL IT	DETAILS OF ITEM FROM THE KITS

EMERGENCY SHE	LTER	0 9	Sell it	Use it			
MEDICAL SUPPLI	ES	0 9	Sell it	Use it			
SCHOOL SUPPLIE	:S	0 9	Sell it	Use it			
NUTRITION SUPPLEMENT		0 9	Sell it	Use it			
OTHERS		0 9	Sell it	Use it			
SANITATION KITS	5	0 9	Sell it	Use it			
FOOD ITEMS		0 9	Sell it	Use it			
HYGIENE KITS		0 9	Sell it	Use it			
CLOTHS AND HOUSEHOLD GO	ODS	0 9	Sell it	Use it			
HAVE YOU RE-USE ANY	OF THE	ITEM C	DESCRIPTION	<u> </u>		CURRENTLY	USED AS/FOR
HUMANITARIAN ITEMS	5?						
ITEM 1	5?				_		
	5?						
ITEM 1	5?						
ITEM 1 ITEM 2 ITEM 3 HAVE YOU NEEDED TO REPAIR ANY OF THE HUMANITARIAN	REPAIRED ITEM	1	WHO REPA	IRED	IF REPAREPAIR MAN,H MUCH COST?	iow	IF SELF-REPAIR, WHAT DID YOU NEED AS REPAIR TOOL?
ITEM 1 ITEM 2 ITEM 3 HAVE YOU NEEDED TO REPAIR ANY OF THE		1	THE ITEM		REPAIR MAN,H MUCH	low DID IT	WHAT DID YOU NEED AS REPAIR

	1		T	
ITEM 2		Yourself	•	
		Repairman	_	
ITEM 3		Yourself	•	
		Repairman		
Waste Gener	ation by Househ	olds	_	
WHAT TYPE OF WASTE DO YOU	WASTE MATERIAL TYPE	WHAT DO YOU DO WITH THE	DID YOU RECEIVED THIS	WASTE QUANTITY PER
GENERATE?	WALKIAL III L	WASTE	AS	WEEK?
		L	HUMANITARIAN ITEMS?	
SOFT		Keep at home	Yes	
PLASTICS		sell it	O No	
		Burn it		_
		Dispose in a dumpsite		
		Burn it as fuel		
		Dispose in		
		the waste collection		
		point		
KITCHEN		Keep at home	O Yes	
WASTE		sell it	O No	
		Burn it		_
		Dispose in a dumpsite		
		Burn it as fuel		
		Dispose in the waste		
		collection point		
		ропт	_	

ANIMAL			Keep at home	0	Yes	
WASTE		0 0	sell it Burn it	0	No	
			Dispose in a dumpsite			
			Burn it as fuel			
			Dispose in the waste collection point			
HARD PLASTICS		0 0	Keep at home	0	Yes	
			sell it Burn it	0	No	
			Dispose in a			
		0	dumpsite			
			Burn it as fuel Dispose in			
)	the waste collection point			
FABRICS			Keep at home	0	Yes	
			sell it	0	No	
			Burn it			•
			Dispose in a dumpsite			
			Burn it as fuel			
			Dispose in the waste collection point			
	l					

				ı		
PLANT WASTE			Keep at home	0	Yes	
		\cup	sell it	\circ	No	
			Burn it			
			Dispose in a dumpsite			
			Burn it as fuel			
			Dispose in the waste collection point			
OTHERS			Keep at home	0	Yes	
			sell it	\circ	No	
			Burn it			-
			Dispose in a dumpsite			
			Burn it as fuel			
			Dispose in the waste collection point			
IF YOU KEEP YOUR WAS	TE AT HOME, WHAT DO Y	OU DO	O WITH THIS WASTI	E?		
IF YOU SELL YOUR WAS	TE, HOW MUCH DO YOU	GET P/	AID FOR EACH WAS	TE TYF	PE?	

	Quantity
Sleeping kit	2090
Family kit	1000
Kitchen kit	890
CCCM kit	516





Family Kit				
No	Item	Qty	Unit	
1	Mat (Jumbo Size)	1	рс	
2	Spoon/Fork	5	pairs	
3	Drinking glass	5	pcs	
4	Laddle and pan	1	set	
5	Mosquito Net and Blanket	1	set	
6	Pillow	2	pcs	
7	Thermose (1 litr)	1	рс	
8	Kettle	1	рс	
9	Plates	5	рс	

CCCM Kits Cooking Materials				
Item	Unit	QTY		
Dish rack /organizer	pcs.	1		
Kettle (whistle)	pcs.	1		
Thermos (1 Liter)	pcs.	1		
Knife	pcs.	1		
Chopping Board	pcs.	1		
Peeler	pcs.	1		
Pot Holder (set of 2)	pcs.	2		
Hand Towel (set of 3)	pcs.	3		
Apron	pcs.	1		
Total				

CCCM kit				
NO.	MATERIALS & CARPENTRY WORKS	Unit	Qty	
1	A4 BOND PAPER, 70GSM	5	ream	
2	PERMANENT MARKER, ARTLINE	12	pcs	
3	WHITE BOARD MARKER, ARTLINE	20	pcs	
4	BALLPOINT BALLPEN, HBW	50	pcs	
5	PENCIL, MONGOL	84	pcs	
6	MANILA PAPER	20	pcs	
7	MASKING TAPE	2	pcs	
8	CLEAR TAPE	2	pcs	
9	RECORD BOOK 500PGS	2	pcs	
10	STAPLER	1	pcs	
11	STAPLE WIRE	5	box	
12	TORCH LED FLASHLIGHT	10	pcs	
13	HANDY MEGAPHONE	1	рс	
14	WHISTLE	30	pcs	
15	EMERGENCY LIGHT	1	рс	
16	ISOPHROPHYL ALCOHOL 70%	5	pcs	
17	FACE MASK	2	boxes	
18	ANTI BACTERIAL HAND SOAP 500 ML SUMMIT	3	pcs	
19	DISINFECTANT SPRAY 500ML KREST	3	pcs	
20	MULTI PURPOSE STORAGE ZOOEY 1000	2	pcs	
21	INFORMATION BOARD - TARPAULIN 36" X 48"	2	pcs	
22	SIGNAGES - TARPAULIN 36" X 48"	80	pcs	

	Quantity
Water kit	1639
Hygiene kit	5818
MHM kit	222
Latrine repair kit	1625





	DESCRIPTION	QUANTITY	UNIT
1	G.I SHEET Plain Matte 8'	4	pcs
2	2x2x10' Coco Lumber	14	pcs
3	3x3x6' Coco Lumber	4	pcs
4	Door Handle	2	pcs
5	C.W.Nails 3"	1	kg
6	C.W.Nails 1 ½	1	kg
7	G.I. CORRUGATED SHEET 8'	3	pcs
8	UMBRELLA NAILS 2"	1	kilo
9	3" Hinges	1	pairs
10	Barrel bolt	1	pcs
11	COARSE SAND	3	Sacks
12	PORTLAND CEMENT 40 kg. TYPE 1	1	bags
13	Solvent Cement 100cc	1	can
14	Sanitary Elbow 3"	1	pcs
15	Flush type toilet bowl	1	Pcs
16	Sanitary Pipe 3"	1	pcs

Menstrual Health Management (MHM) Kit				
No.	Items	Qty	Unit	
1	Sanitary pads	4	packs	
2	Undergarments (XL - ultrastretch fabric, seamless, mid rise) 6 pcs per set	1	set	
3	Malong - big	1	рс	
4	Whistle	1	рс	
5	Solar Lamps/Light	1	рс	
6	Eco bag for packaging with visibility print	1	рс	



NO.	Items Description	Unit	Qty
1	Face mask 3 box/family	box	3
1	race mask 3 box/ramily	DOX	י
2	Bath/Bar Soap 5 135g/family	bar	5
3	Green Cross 500 ml 2 bot/ family	bottle	2
4	Sanitary Napkins 3 packs/family	packs	3
5	Powder Soap 500g 1 pack/ family	pack	1
6	Flash light	pcs	2
7	Shampoo	рс	6
8	Tooth Paste 175g	рс	1
9	Toothbrush 5pcs / family	pcs	5
10	Pail and Dipper	рс	1
11	Container box	рс	1
	Deodorant	doz	12