

Shelter kit contents 07/05/2015

Kit contents

The following kits, are based on the contingency plan and contents were agreed, subject to prioritization.

Note prices are indicative estimates based on prices received. However, many are based on bulk prices and pre-earthquake prices:

Household Kit

Per family based on a family size of an average size up to 6 persons:

Priority	Item	Quantity	Unit	Cost estimate (USD) ex transport
TOP PRIORITY	Tarpaulin *	2*	Piece	24
HIGH PRIORITY	Nylon Rope for distribution with tarpaulin	20	Metres	12
	Blanket ****	2	Piece	4.5
OTHER ITEMS	Kitchen Utensils	1	Set	27
	Clothes**			
	Male Dhoti or Lungi	1	Piece	3.50
	Jean Cloth	5	Piece	5.50
	Print Cloth	7	Meters	5,50
	Plain Cloth	6	Meters	2
	Female Sari	1	Meters	4.50
	Solar lamp	1	Piece	11
Insulation materials for flooring	8	M2	?	

All items approximately 100 USD – ex transport

*Note the Shelter Cluster advocates for 2 tarpaulins per family and this is noted as optimum and recommended, however, in some instances it is understood that because of pressure of operations and need for coverage this may have to reduce to 1 per household as an emergency measure. BUT agencies must follow up with a second tarp when stock becomes available.

** This clothing list is flexible. Note meeting clothing needs through cash vouchers is also acceptable where viable.

***plastic sheeting was also discussed for partitions.

**** note up to 5 blankets per household may be required.

Note on Tarpaulin specification:

International humanitarian standard grade is summarised below minimum 20m² provided

<p>Weight: 190g/m² ± 20g under ISO 3801, equivalent to 170g/m² minimum to 210g/m² (add 10% additional weight for the reinforcement bands).</p> <p>Core material: woven fabric High-Density Polyethylene (HDPE) laminated between two layers of Low-Density Polyethylene (LDPE).</p> <p>Lifetime of approximately 2 years if of suitable quality.</p> <p>Reinforcement: 2 options: eyelets or reinforcement bands:</p>	<p>For uses of plastic sheeting see: www.plastic-sheeting.org</p> <p>For full specifications and testing and sampling methods, see: IFRC/ICRC Emergency Items Catalogue</p>
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Note: In Nepal, the following is also commonly purchased:

This is deemed as acceptable but may have a shorter lifetime than international standard grade.

Woven high-density polyethylene (HDPE) black fibers fabric laminated on both sides with low-density polyethylene (LDPE) coating; Size (12'x18') m; Weight: 5 kg; No welding is allowed in the middle of the sheet; Number of eyelets 18; Colour blue, green or yellow.

For more on specification: <http://procurement.ifrc.org/catalogue/>

Tool kit – Suggested one per 5 families

shared between fewer households in dispersed settlements

B		Toolkit			
Priority item	Shovel	Pressed carbon steel, hardened and tempered; Size: (295x225) mm, hole diameter: front side 36mm, back side 40 mm; Weight : 1000 gram without handle; Handel : Length 1070 mm, Smooth polished, varnished surfaces with Dry, strong and flexible wood.	pc	1	4.50
	Pick	Pressed carbon steel, hardened and tempered; Handel: Length 1000 mm, Smooth polished, varnished surfaces with Dry, strong and flexible wood.	pc	1	4.50
	Hand Saw	Carpenter hand saw, 400-450mm blade, lacquered, overall length 550mm±50mm; Blade thickness : 1 mm, protected against oxidation; Protective cardboard, teeth protection with hard plastic cover; 7 teeth per inch; Wooden dismountable handle, polished varnish hardwood	pc	1	5.00
	Claw hammer	Carpenter hammer, head and handle, hammer head with flat and claw side: High carbon steel head, treated to achieve a martensitic structure, with dressed striking faces; Weight of head: 750 gram; Handel: Smooth polished, varnished surfaces with Dry, strong and flexible wood.	pc	1	4.00
Optional item	Combination pliers	Heavy duty Hot-forged carbon steel, side cutting pliers known as linemen pliers or side cutter; protected against corrosion with special paint; having gripping jaws, a cutting edge and insulating handle; Size 200 mm;	pc	1	3.50
	Machete / knife	Curved blade, 405 mm (16 inch), lacquered against oxidation, overall length 55 cm; Black smith made and locally available ;	pc	1	4.50
	Gall / Crow bar	Iron; Circular shape, smooth and sharp in one end for digging; Size : Dia 25 mm, Length 1000 mm; Weight: 4 kg	pc	1	5.00
	Sack	New, woven polypropylene; Size : 1300x400mm; Colour : White;	pc	1	.50
	Bucket	Suitable for on site construction	pc	1	3.00
	Sledge hammer	For demolition	pc	1	8.00
	Safety kit	gloves, dust masks	kit	1	5.00

All items approximately 50 USD – ex transport – however, it is expected that fewer will be provided per kit.

Fixings kit – accompanied with tarpaulin or CGI

	Items	Specification	Unit	Qty	Approx USD
Suggested Kit items	Nylon rope	8mm dia; Polypropylene recycled fibers UV stabilized; minimum 3 strands; color black/blue; Packed in roll	kg	1.5	3.00
	Tie wire	Low carbon steel, galvanized binding wire; 16 gauge; Commercial type medium coated, Packed in roll;	kg	1.5	1.50
	Nails for roof	Iron nails, made of polished low carbon steel, cold processed, not heat treated except for galvanization; Spiral rolled or twisted shank, sealed umbrella-type spring-head Size: 75x3.6mm, Attached rubber washer to each nail; head dia 22 mm thick; Packed in strong and thick plastic bag	kg	0.5	2.50
	Nails for wood	Iron nails, polished low-carbon steel; cold processed, not heat treated except for galvanization; Large type-(75x3.6) mm, head dia 7.7mm and Large type-(40x2.2) mm, head dia 5.5mm; Packed in a strong and thick plastic bag	kg	0.5	1.50
	Bamboo	Treated and at least two year matured bamboo; Size: length 7 m, Circumference: 7 inch to 9 inch; Type: Mal Bas or equivalent	pc	15.0*	150

*Numbers of bamboo pieces to be confirmed

All items approximately 160USD – ex transport

CGI – Corrugated Galvanized Iron \ 26 gauge (0.55mm).

	CGI		Pcs	approx . usd
High Priority	<p>Corrugated iron sheets, 26 guage, galvanised, 6', 8' or 10' sheets, 2'6" wide or 2'9" wide. Tensile strength: 300N/mm² Coating: hot dip galvanization with minimum 120g/m² zinc or aluminium-zinc on each side that is 240g/m² total coating weight. Hardness HRB: 85 HRB minimum Note testing will be required, and it is suggested that agencies use reputable inspection companies, and use their own quality control processes. Calipers or measuring devises to check thickness are a minimum</p>	TBC	1	10