



	Acute Emergency Shelter	Standard Emergency Shelter	Robust Emergency Shelter	Transitional Shelter	Permanent Shelter
Main characteristics	<ul style="list-style-type: none"> <li>Lightweight</li> <li>Air lift able</li> <li>Basic kit</li> <li>Below sphere standards</li> <li>Lifespan: 3 to 6 months</li> </ul>	<ul style="list-style-type: none"> <li>Truck transportation</li> <li>Standards kits in pipeline</li> <li>According Sphere standards</li> <li>Lifespan: 3 to 6 months</li> </ul>	<ul style="list-style-type: none"> <li>Truck transportation</li> <li>Top up kits on Standard E shelter</li> <li>According Sphere standards</li> <li>Reinforced structure</li> <li>Lifespan: 6 to 12 months</li> </ul>	<ul style="list-style-type: none"> <li>Truck transportation</li> <li>Design acceptable by local culture</li> <li>Structure fully reinforced and stable</li> <li>Wall using flexible materials acceptable as last resorts.</li> <li>70 % of the materials shall be reusable and transportable.</li> <li>Lifespan: 12 to 24 months</li> </ul>	<ul style="list-style-type: none"> <li>Truck transportation</li> <li>Design acceptable by local culture</li> <li>Structure fully reinforced and stable</li> <li>Wall using infilling or durable materials</li> <li>Roof potentially upgraded with thatch or CGI sheets.</li> <li>Lifespan: over 12 months (to 10 years)</li> <li>Proper door, wall base and slab provided.</li> </ul>
Applicable when ...	<ul style="list-style-type: none"> <li>For 'harsh to reach' area</li> </ul>	<ul style="list-style-type: none"> <li>Road transport</li> <li>Common kit applying as baseline for all situations.</li> </ul>	<ul style="list-style-type: none"> <li>Road transport</li> <li>Mid stay foreseen (over 2 seasons))</li> <li>Unsecured returns</li> <li>Land Tenure un-cleared (population stranded or in transit)</li> <li>P.O.C.</li> </ul>	<ul style="list-style-type: none"> <li>Road transport</li> <li>Mid stay foreseen (over 6 months)</li> <li>Secured returns</li> <li>P.O.C. with high security constraint (closed PoC)</li> <li>Land Tenure cleared.</li> </ul>	<ul style="list-style-type: none"> <li>Road transport</li> <li>Secured returns</li> <li>Land Tenure fully cleared and documented.</li> </ul>

[1] Excluding plastic sheet. Reusable target mainly the structural elements.

[2] Corrugated Gauge Iron or tin also called tin sheet. Gauge under 28 or 26 .



Proposed kits	<p>2 Plastic Sheeting 30 meter linear of 6mm or 7 mm nylon rope 6 Pegs</p> <p>Tools: Hoe according distribution scheme</p>	<p>3 Plastic Sheeting 2 Rubber binding ties 30 meter linear of 6mm or 7 mm nylon rope 2 Bundle or bamboo (10 pieces each) 4 wooden poles 36 sand bags</p> <p>Tools: Hoe according distribution scheme</p>	<p>Top up kit: 8 extra wooden poles (total shall be 12 poles) 3 bundles of bamboo 10 extra sand bags 200 g nails for structure (30 nails) on 6 inches</p> <p>Tools: according</p> <p>Optional 400 g of roofing nails 2,5" (around 120 nails) not from the pipeline If design use non split bamboo add 50 ml of 1.2 mm metal wire to tie (around 500 g)</p>	<ul style="list-style-type: none"> <li>To be defined by T Shelter agencies</li> <li>Shall preferably use timber structure (for repairs, conversion etc.)</li> <li>Shall preferably being locally produced.</li> <li>Shall avoid or reduce plastic sheeting, polyethylene materials</li> <li>80 % of materials shall be locally (south sudan) materials</li> </ul>	<p>18 to 20 poles 10 bamboo bundles (doubling wattle for wall) 2 plastic sheeting for temporary roof (if needed) 2 plastic sheeting for temporary wall (if needed) 100 ml of 1.2 mm metal wire (around 1 kg) 70 hollow cements block for floor 2 cement bags for block mortar and slabs Ironmongery and nails, 1 pair of hinge, 2 lock 1 small 1 big, padlock, ½ 5 hinge nails 2 timber 2x4 + half iron sheet (door leaf)</p>
	Costs	Cost : 61.7 USD (without transport)	Cost : 153.3 USD (without transport)	<p>Cost total: 225 USD</p> <p>Cost for the top up kit: 60 to 70 USD</p> <p>Cost on 10 000 units = 700 000 USD</p>	