

Appendix 7 - Technical Specifications

Supply & Delivery of 454 Shelter Kits

Reference #: CW/SUD/KHT/0290995/SHELTER 454 Kits/01/2022

Specification Details for Shelter kits funded by Sudan Humanitarian Fund (SHF)

| # | Item description | Description of item for purchase | Local Specifications | Unit | Qty per Shelter |
|----|--|----------------------------------|--------------------------|------|-----------------|
| 1 | Main pole for each corner of shelter | 3m length 5in thickness | Babanous | Pcs | 4 |
| 2 | Secondary poles on midspan | 3m length 3in thickness | Babanous | Pcs | 4 |
| 3 | Fork poles (4 poles) shall be used as centre poles to support rafters (remaining fork pole will be used as support for door frame) | 3.5m length, 5in thickness | Babanous | Pcs | 5 |
| 4 | Rafters poles | 4.5m length 3in thickness | Sahab madad | Pcs | 4 |
| 5 | Bamboo sticks | 4.5m length 1.5in | Gana | Pcs | 6 |
| 6 | Roofing master poles to connect vertical poles across longer axis of shelter | 4.5m length, 4in thickness | Sahab | Pcs | 3 |
| 7 | Eucalptus Poles connecting rafters and bamboo sticks across longer axis of shelter | 4.5m length, 3in thickness | Sahab or Babanous | Pcs | 2 |
| 8 | Horizontal braces Poles for short wall | 4m length, 3in thickness | Sahab | Pcs | 4 |
| 9 | Horizontal braces Poles for long wall | 4.5m length 3in thickness | Sahab | Pcs | 4 |
| 10 | Bamboo sticks | 4.5m length 5in | Gana or Khezaran | Pcs | 6 |
| 11 | Nails | 3in | Masamir | Kg | 1 |
| 12 | Nails | 4in | Masamir | Kg | 1 |
| 13 | Bamboo sheets for short wall | 4m length, 3m height | Sharagi Gana or Khezaran | Pcs | 2 |

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|----|---|---|--------------------------|--------|-----|
| 14 | Bamboo sheet for long wall | 4.5m length, 2.5m height | Sharagi Gana or Khezaran | Pcs | 2 |
| 15 | Plastic sheet (Approx. 4x5m with eyelids, white Colour. minimum 170g/m ² , UV Resistant) | 4mx5m length | Plastic sheet(Moshama) | Pcs | 2 |
| 16 | Locally made rope | made from cloth 90 yards (82.296m) length | Hassan Addas | Bundle | 1 |
| 17 | Door made up of bamboo sheets and covered. | 2m height, 1m width | Gana or Shehat | Pcs | 1 |
| 18 | Swings for door | H-like shape | Mofasalat | Pcs | 3 |
| 19 | nails for door's swings fixing | 1in | senna awira | Kg | 0.5 |
| 20 | Matallic digging hand tool | 1m | Atala | pcs | 1 |
| 21 | Axe | Made up of steel head and wooden handle | Fa's | Pcs | 1 |
| 22 | Transportation of Items | | | | |

Delivery Area

Concern Warehouse in Elfula & Muglad

There must be a warranty of 6 months for the materials