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| **Family tent, UNHCR style, octagonal plus Winterization kit and stove** | | |
| A brochure/catalogue card is mandatory. | |  |
| **Octagonal Tent** |  | **MANDATORY  Supplier proposal (please include your comments, copy and paste or "as per specs" not acceptable)** |
| **Category** | **Details** |  |
| **General Description** | **Purpose**: Short-term shelter for emergencies, accommodating a family of 5 (23 m² total). Complies with minimum space requirements for hot, temperate, and cold climates. |  |
| **Expected lifespan:** 1 year; shelf life: 5 years under proper storage. |  |
| **Design**: Composed of an outer tent, inner tent, integrated groundsheet, and vestibules. Lightweight, durable, and quick to assemble. |  |
| **Eco-friendly Design Goals**: Prioritize sustainability, minimize environmental impact during production, usage, and disposal. |  |
| **Climate** | Complies with recommended minimum living area in hot and temperate climates (3.5 m² per person), providing extra space for cold climates. |  |
| **Dimensions** | **Packed Dimensions**: 230 x 30 x 30 cm approx. |  |
| **Area** | 16 m² main floor area plus two 3.5 m² vestibules for a total area of 23 m², double-fly with ground sheet. |  |
| **Weight** | < 65 kg approx. |  |
| **Materials & Environmental Considerations** | **UV Resistance**: All fabrics and materials tested to withstand prolonged UV exposure (ISO 4892-2, ASTM G53/94). Maximum strength loss: 30%. |  |
| **Rot-proofing**: Materials treated to resist fungal growth and rot; soil burial tests show less than 30% tensile strength loss (ISO 13934-1, BS6085). |  |
| **Waterproofing**: Outer canvas, groundsheet, and seams designed to prevent water ingress under heavy rain and flooding conditions. |  |
| **Sustainable Sourcing**: Canvas and fabrics sourced from certified sustainable suppliers; ensure compliance with environmental standards such as ISO 14001. |  |
| **Durability for Reduced Waste**: High-performance materials extend product lifespan, reducing waste generation. |  |
| **Repairable Design**: Includes repair kits for long-term use, reducing the need for replacements and extending lifespan. |  |
| **Outer Tent Canvas** | **Material**: Poly-cotton blend (40% ±10% cotton, 60% ±10% polyester). Specific weight: 350 g/m² ±15%. Color: Natural white. |  |
| **Strength**: Tensile strength minimum 850 N in Warp and Weft directions (ISO 13934-1). Tear resistance: 60 N minimum (ISO 9073-4). |  |
| **Waterproofing**: Rain resistance: No water penetration for 2-3 hours (ISO 5912). Minimum water resistance: 30 hPa (ISO 811). |  |
| **Flame Retardancy**: Compliant with CPAI-84, EN 13823 Class B-s1-d0. |  |
| **UV Resistance**: Maximum 30% strength loss after 360 hours (ISO 4892-2). |  |
| **Outer Tent Features** | **Dimensions**: Center height: 2.2 m; Width: 4 m; Ridge length: 4 m; Sidewall height: 1.25 m; Center base length: 6.6 m. |  |
| **Guy Points**: 10 reinforced points with 50 mm polyester straps and PVC coating for side guy points. |  |
| **Windows**: Two large windows (3600 mm x 600 mm) with mosquito nets, reinforcement netting, and Velcro-sealed rain flaps. |  |
| **Ventilation**: Two triangular vents (250 mm x 300 mm) with reinforcement netting and rain flaps, forming a cone shape when open. |  |
| **Doors**: Two vestibule doors (1.4 m x 1.6 m), made of canvas and PE fabric, with rainproof flaps, lacing, loops, and awning functionality. |  |
| **Inner Tent Canvas** | **Material**: Polyester-cotton blend or 100% cotton. Specific weight: 165 g/m² ±10%. Color: Cream or beige. |  |
| **Partition**: Divided into two equal segments by a central partition attached to loops on the inner tent. |  |
| **Waterproofing**: Integrated PE groundsheet with welded seams (no stitching). |  |
| **Doors**: Two doors (1 m x 1.75 m), with zippers and mosquito nets. PE flaps at the bottom to prevent water ingress. |  |
| **Windows**: Two inner windows matching the outer tent windows, secured with Velcro. |  |
| **Ventilation**: Two triangular vents at gable tops (750 mm x 300 mm), with Velcro-sealed flaps. |  |
| **Groundsheet Material** | **Material**: PE fabric (190 g/m² ±30g). Seamless welded edges ensure waterproofing. |  |
| **Strength**: Tensile strength: 300 N minimum (ISO 1421). Tear resistance: 60 N minimum (ISO 4674-A2). |  |
| **UV Resistance**: Maximum 30% strength loss after 300 hours UV exposure (ASTM G53/94). |  |
| **Rot-proofing**: Groundsheet materials are insensitive to microorganisms and rot. |  |
| **Pole System** | **Materials**: Galvanized/painted steel with corrosion resistance. |  |
| **Eco Consideration**: Galvanization and coatings use low-toxicity processes; poles designed for reuse/recyclability. |  |
| **Ridge Beam**: 4 m long, 30 mm diameter, with reinforced ends. |  |
| **Upright Poles**: Three poles (2200 mm), with plastic bushings and round base plates. |  |
| **Side Poles**: Six poles (1.25 m), with bent hooks for attachment to sidewalls. |  |
| **Door Poles**: Four poles (1.4 m) with flat hooks and base plates for vestibules. |  |
| **Accessories** | **Pegs**: 36 pegs of various lengths (230 mm, 300 mm, 450 mm), painted or galvanized for durability. |  |
| **Ropes**: 10 UV-treated ropes (6 x 8 mm, 4 x 6 mm diameter). Minimum tensile strength: 300 kg (8 mm) and 140 kg (6 mm). |  |
| **Hammer**: 1 kg metal hammer with a 30 cm wooden handle sourced from FSC-certified sustainable wood. |  |
| **Document Sleeve**: Transparent, UV-stabilized plastic pouch for labels and documents. |  |
| **Repair Kit**: Needle, stitching thread, polyester rope, spare fabric, and setup instructions. |  |
| **Reinforcements** | **Guy Points**: Double-layered fabric with additional PVC coating on sidewalls. |  |
| **Chimney Hole**: Reinforced heat-resistant material (up to 900°C) with a non-perforated flap. |  |
| **Rot and UV Protection**: All reinforcement fabrics are treated for resistance to rot and prolonged UV exposure. |  |
| **Packaging** | **Material**: Woven PE fabric with outer shell for dirt and moisture protection. Gross weight: ~62 kg; Volume: ~0.23 m³. |  |
| **Straps**: Two straps with self-locking buckles and handles for secure transport. |  |
| **Eco Consideration**: Packaging designed for reuse or recyclability, minimizing single-use plastics. |  |
| **Storage**: Shelf life of 5 years in dry, elevated, and ventilated conditions. |  |
| **Performance Standards** | **Wind Resistance**: Withstands wind speeds up to 75 km/h. |  |
| **Snow Load**: Minimum 300 N/m² (ISO 8937). |  |
| **Dimensional Tolerance**: ±3% on all specified dimensions unless otherwise stated. |  |
| **Seam Waterproofing after UV Exposure** | Seams remain waterproof after 360 hours UV exposure (ISO 811). |  |
| **Rain Penetration Resistance** | Tested on complete tent for 2 hours on one end and 3 hours on one side (ISO 5912). No water penetration observed, including through seams or wicking. |  |
| **Chimney** | A chimney reinforcement with a non-perforated opening is placed at approx. 0.50 m from one corner. |  |
| **Windows** | Outer tent has two long windows (3600 mm x 600 mm) with mosquito netting and a rain flap running on both sides of the tent. |  |
| **Ventilators** | The outer tent has two ventilation openings (250 mm x 300 mm) in front and back with reinforcement netting and a rain flap. |  |
| **Inner Partition** | Two half partitions running from center pole to sidewall. |  |
| **Gross Volume** | < 0.28 m³. |  |
| **Gross Weight** | < 65 kg. |  |
| **Expected Lifespan** | Minimum 1 year, maintaining its sheltering and waterproofing capacities in all types of climates. |  |
| Minimum 5 years of shelf-life: under normal storage conditions, in dry, clean, and ventilated warehouses. |  |
| **Logo** | Vertical Visibility Logo: Printed in a maximum of 3 colors of indelible ink on both sides of the roof and in the middle for maximum visibility. Placement follows the "X" and "Y" proportionality rule: Length (L = 1.35 m) and Height (H = 1.65 m). |  |
| Horizontal Visibility Logo: Printed a maximum of 3 colors of indelible ink on both ends of the outer tent, next to the doors. Dimensions: Length (L = 1.2 m) and proportional Height (~0.35 m). No distortion of the logo or letterings allowed on both ends of the outer tent, next to the doors. |  |
| **Certifications** | Please provide certifications for flame retardancy, UV resistance, water penetration resistance, rot-proofing, and other relevant attributes. |  |
| **Packing and Shipping** | Tents must be strongly packed into a polypropylene bag and placed in a metal cage. Each pallet cage contains 15 tents, stackable and optimized for container capacity. Dimensions per cage: 230 x 120 x 115 cm. Volume: 3 m³. Weight per cage: 1,050 kg approx. |  |
| **Warranty** | Minimum 2 years. |  |

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|  | **OPTIONAL: Winterization kit for Family tent, Octagonal** | | **MANDATORY Supplier proposal (please include your comments, copy and paste or "as per specs" not acceptable)** |
|  | **Description** | **Specifications** |  |
|  | **General Description** | UNHCR/ICRC/IFRC standard. Kit should include 5 insulated sleeping mats, 1 winterisation liner, 1 partition, 5 sheets of fibrocement and 1 heat-resistant chimney sleeve. |  |
|  | **Mandatory components** | 5 insulating floor mats for octagonal family tent (UNHCR/ICRC/ IFRC/DFID standards), |  |
|  | 1 liner and 1 partition for Family Tent and 5 sheets of fibrocement (20 x 50 cm) to cover the area of 0.50 x 1 m |  |
|  | 1 heat-resistant floor protection for tent heater |  |
|  | 1 heat resistant chimney sleeve for Family Tent |  |
|  | **Materials** | All materials and additives should be non-toxic, free from asbestos and other toxic products according to the EC regulations. |  |
|  | All materials should be fire retardant to pass CPAI84, 1980, chapter 6 test. |  |
|  | **Insulating floor mats** | 1st layer, plastic floor mat: Tight woven twill structure, double thickness, virgin PP multifilament 500 deniers inwarp, minimum 1,000 tubes/meter, 500 gsm minimum weight. |  |
|  | 2nd layer,alumnized canvas: Synthetic canvas with durable aluminium coating. |  |
|  | 3rd layer, fleece blanket: Medium Thermal Synthetic Blanket type; Design: Heavy-duty ribbon strongly stitched all around the mat. |  |
|  | **Mat Dimensions** | 2 x 1 m approx. per mat. |  |
|  | **Inner Liner** | Dimensions: centre height apporx 2.30 m, 3.80 m wide, 1.35m wall height, 3.80 m base length. |  |
|  | Material: 130 gsm ±15% in finished state except fire retardant weight. |  |
|  | Colors: yellow, beige, cream or sand Design: made from one fold of breathable, rot-proof, fire retardant canvas. |  |
|  | Tear strengh: warp and weft 20N minimum, : ISO 9073-4. (Please attach certificates) |  |
|  | Tensile strenght: warp and weft 300N minimum, ISO 13934-1 (Please attach certificates). |  |
|  | **Heat-Resistant Floor Protection** | Dimensions: 4-6 plates 4 mm thickness, 0.5 x 1 m total surface. |  |
|  | Material: Fibrocement plates, 100% fire-proof and rigid material. |  |
|  | **Heat-Resistant Sleeve** | Dimensions : approx 350 x 700 mm base, 400 mm length, 150mm hole diameter. |  |
|  | Material: 100% fireproof, tearproof, waterproof soft canvas. |  |
|  | Tear resistance minimum 40N, ISO 9073-4. |  |
|  | Waterproof minimum 20 hpa (20 cm), ISO 811. |  |
|  | Design: Pyramid base has velcro to grip to the velcro of the tent chimney outer flap. |  |
|  | **Certifications** | Please provide certifications for (MANDATORY): flame retardancy, UV resistance, Water penetration resistance, Rotproof, non-toxicity and any other mentioned and/or relevant certifications. |  |
|  | **Gross Volume** | 0.150 cbm approx. |  |
|  | **Gross Weight** | 30 kg approx. |  |
|  | **Packing and shipping** | All items are packed in a bale to make one kit. |  |
|  | Content per bale: all mentioned components and instruction sheets. |  |
|  | Dimension per kit approx 90 x 40 x 40 cm. |  |
|  | Number of kits per pallet: ≥ 6. |  |
|  | **Packing and shipping** | CRI Wooden Pallet Relief Pallet’, 115 x 77 mm (-30/+10 mm), One Way Pallet, Heat treatment according to ISPM 15, 4 kits per pallet, Weight approx 155 kg.  OR Steel Cage, 9 kits per pallet, approx. 335 kg. |  |
|  | **Warranty** | Minimum 2 years |  |

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|  | **OPTIONAL: Wood/coal burning steel stove** | | **MANDATORY  Supplier proposal (please include your comments, copy and paste or "as per specs" not acceptable)** |
|  | **Description** | **Specifications** |  |
|  | **General Information and Description** | Wood and coal burning efficient steel stove and heater. The design is adapted to fit the Family Tent and other type of shelter structures, which should have an appropriate chimney opening. Should be compatible to be used together with the the Family Tent Winterization Kit. |  |
|  | **Material** | 2 mm steel. - Enamel or galvanized finishing is accepted. - Stand welded to the stove |  |
|  | **Components** | Loading door and air intake control |  |
|  | Steel grate for increased stove efficiency/safety by allowing better airflow. +/- 3cm total thickness. < 1.5 kg. |  |
|  | Stand, welded to the stove. |  |
|  | Outlet to fit with 100 mm pipes |  |
|  | Weight of the stove without accessories: 16kg +/- 1kg |  |
|  | **Supplied with:** | 6 chimney pipes made of galvanised steel, anti-rust. |  |
|  | 2 bend connectors made of steel. |  |
|  | 1 out let cover pointed cap shape. |  |
|  | 1 spark stopper, dimension height 180 mm, outer diameter 300mm & inner plate of 180 mm dimeter. |  |
|  | 1 ash removing bar. |  |
|  | 1 tripod pipe stand to keep the smoke pipe standing up outside the tent, supported with 3 x 6 mm guy ropes. Supplied with 2 clamps, 3 ground pins for stand support & 3 pegs for guy ropes. |  |
|  | 1 assembly instruction sheet. |  |
|  | 1 spanner. |  |
|  | **Packing** | CRI Wooden Pallet Relief Pallet’, 115 x 77 mm (-30/+10 mm), One Way Pallet, Heat treatment according to ISPM 15 Packed in a strong export-worthy carton box, 3 or 5 ply. - Accessories fit into the stove. - Dimension of packing: compatible with pallet dimensions |  |
|  | **Optimal Shipping / Container Information** | Carton box dimensions: 88 x 30 x 40 cm Carton box volume: 0.1056 m3 Unit weight: approx. 35 kg Number of units per Euro pallets: 4 |  |
|  | **Manufacturer Marking** | Every box should include inside a tag with the manufacturer’s identification. The tag should be no larger than half A4 page and it must include the manufacturer’s name, unique reference batch number and the date of manufacture. No company logo should be included with the manufacturer’ s marking. |  |
|  | **Warranty** | Minimum 2 years |  |