



PROCUREMENT OF RELIEF ITEMS

**PREQUALIFICATIONS OF SUPPLIERS
EOI-1801/100**

UNHCR, GENEVA, SMS

18 May 2004

Introduction

The United Nations High Commissioner for Refugees (UNHCR), with Headquarters in Geneva, Switzerland, intends to implement long term agreements for the supply of tents. In this regard, suppliers were solicited through an "expression of interest" sent out in the month of February.

Companies who have expressed interest in providing UNHCR with the above mentioned relief items, shall find herewith attached the qualification documents, outlining complete product specifications and all the necessary requirements for their company to be registered (if not already registered) as well as products to be qualified.

UNHCR invites all suppliers to carefully follow the instructions and to send the required documents to UNHCR including the test certificates issued by the UNHCR certified laboratories **no later than 19 JULY 2004**. Any documents and samples received after this deadline will not be accepted.

Please find enclosed the following documents:

1. Instructions
2. UNHCR Specifications
3. List of tests and certified laboratories for the items
4. List of laboratories with estimated testing costs as well as estimated testing times
5. UNHCR brochure '[Doing Business with UNHCR](#)' containing the registration form (green form) to be used for registration

Any correspondence and samples for UNHCR should be sent to:

Chief, Supply and Transport Section - HQSF00
United Nations High Commissioner for Refugees
94, Rue Montbrillant
01211 Geneva
Switzerland
Telefax: 0041 22 739 7306
E-mail address: HQSF04@unhcr.org

Thank you for your co-operation.

1. INSTRUCTIONS

1.1. Supplier registration

If your company has been already registered during the last three years, you may ignore this part.

Please find attached [UNHCR's registration form](#) which should be completed and returned to us with the supporting documents. To be considered, your application must meet the following minimum requirements:

1. The products and services your company offers are of interest to UNHCR programmes.
2. Your company has export experience.
3. Your company has a minimum of three (3) years experience in the present field of business
4. Your company accepts UNHCR's payment terms and general conditions of purchase.
5. The form is duly and fully completed in typing and signed.
6. The required documents are attached (financial statements, detailed list of products and/or services, and other documents as stated in the profile form).

Applications which do not meet these minimum requirements will not be retained nor acknowledged.

Please note that registration will only take place with and only once UNHCR has awarded the contract(s) to one or more suppliers.

1.2. Product qualification

Please find attached [UNHCR revised Specifications](#) for the tents:

Item ID	Description
00001989	TENT,CENTRE POLE, DOUBLE FLY, DOUBLE FOLD
00001990	TENT,CENTRE POLE, DOUBLE FLY, SINGLE FOLD
00001983	TENT,RIDGE, DOUBLE FLY, DOUBLE FOLD
00001993	TENT,RIDGE, DOUBLE FLY, SINGLE FOLD
00001981	TENT,HOSPITAL
00001984	TENT,SCHOOL

1.3. Qualification steps

Samples:

The samples must be delivered in accordance with below instructions:

The samples shall be sent on delivered duty paid/franco domicile basis, and shall be received no later than the closing date stated in this prequalification document.

The samples must be attached to a cardboard and must be clearly identified (on the sample itself or on the cardboard) with the name of the supplier.

The identical samples of the product/material you wish to be qualified must be sent to:

UNHCR, SMS

Prequalification of suppliers - Instructions

1. UNHCR Geneva:

- Two A4 swatches of inner and outer canvas
- Two A4 swatches of ground sheet material
- Two A4 swatches of mud flaps material
- Two 20 cm long ropes

2. One of the authorised laboratories:

- Two 1 sqm swatches of inner and outer canvas
- Two 1 sqm swatches of ground sheet material
- Two 1 sqm swatches of mud flaps material
- Two 3 m long ropes

Please find attached the List of authorised laboratories: in order to be prequalified, your company has to provide a laboratory certificate which will certify that all the tests required by UNHCR have been carried out successfully. Only certificates issued by one of these listed laboratories will be accepted. Your company shall also instruct the laboratory to send directly a copy of the certificate to UNHCR.

Please make sure that the laboratory has enough time to undertake the tests and to send the report to UNHCR received latest by the closing date.

Important. All suppliers must have their product tested including also the suppliers who participated in the similar process in 2002 as well as our current suppliers.

Please find attached the List of Tests to be carried out on the products, with the exact standards as well as the estimated cost, according to the selected laboratory. Please note this cost is only an estimate and you are requested to obtain from the laboratory the actual cost of the tests and pay the laboratory accordingly. This cost is to be entirely born by suppliers and under no circumstances shall UNHCR be responsible for its payment.

IMPORTANT:

Only suppliers meeting UNHCR registration criteria and whose products have been approved by UNHCR will be invited to participate in the formal bidding process. All the costs incurred by the supplier during the prequalification process are to be entirely born by suppliers, whether they will be prequalified or not and whether they will be invited or not to participate in further bidding procedures.

1.4. Electronic Bidding:

Once the prequalification procedure is finalized Invitation to Bid will be sent out. All bidding will be carried out online; therefore all participants must have access to Internet. Bids will have to be submitted to UN Web Tender site. Detailed instructions for using the UN Web Tender site will be incorporated in the Invitation to Bid.

1.5. Product: Tents

List of tests

1. **Composition**
 - **Outer fly**
 - **Inner fly**
 - **Groundsheet**
 - **Mud flaps**
 - **Ropes – tensile strength**
2. **Weight in grams per square meter**
3. **Water penetration resistance**

1.6. Certified laboratories

<p>Institut de Textile de France 185, Rue de l'illberg 68093 Mulhouse Cedex France Contact person: Mr. Leu Tel: + 33 3 89 42 74 08 Fax: + 33 3 89 42 9115 e-mail: aleu@ifth.org</p>	<p>SGS United Kingdom Ltd. Gaw House - Alperton Lee Alperton Wembley Hao 1WU United Kingdom Contact person: Mr. R. Croskell Tel: 44 20 8998 21 71 Fax: 44 20 8997 97 23 Email: rob_croskell@sgs.com</p>
<p>Centexbel Technologiepark 7 B - 9052 Zwijnaarde Belgium Contact person: Mr. P. Van Acker Tel: 32 9 220 41 51 Fax: 32 9 220 49 55 e-mail: gent@centexbel.be</p>	

UNHCR Specifications

TENT CENTRE POLE DOUBLE FLY DOUBLE FOLD

UNHCR ITEM NO. 1989

1.1 OUTER FLY

1.1.1 DIMENSIONS:	4.50 M X 4.50 M
1.1.2 CENTRE HEIGHT:	3.00 M
1.1.3 EAVES HEIGHT CORNERS	2.00 M

1.2 INNER FLY:

1.2.1 DIMENSIONS:	4.00 M X 4.00 M
1.2.2 FLOOR AREA:	16 M2
1.2.3 CENTRE HEIGHT:	2.75 M
1.2.4 SIDE WALL HEIGHT:	1.80 M

1.1 OUTER FLY TO CLEARLY EXTEND BEYOND SIDEWALLS OF INNER TENT BY 20 CM MIN.

2. OUTER FLY, SINGLE FOLD

2.1 CANVAS :

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
 - BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
 - CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
 - NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
 - WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
 - STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS
 - UNHCR LOGO - PRINTED ON FOUR SIDES OF OUTER FLY IN BLUE INDELIBLE INK, LETTER SIZE : HEIGHT MIN 50 C, WIDTH MIN 20 CM, SPACING BETWEEN LETTERS MIN 2,5 CM.
- 2.1.1 UNHCR LOGO - PRINTED ON FOUR SIDES OF OUTER FLY IN BLUE INDELIBLE INK, LETTER SIZE : HEIGHT MIN 40 CM, SPACING BETWEEN LETTERS MIN 2,5 CM.

2.2 MAKE-UP

- 2.2.1 12 GALVANISED D – RINGS (TRIANGULAR SHAPE) 8 - 9 MM IN DIA. SEWN WITH CANVAS (YARN COUNT 10 / 2) TO HOLD CORNERS AND SIDE ROPES.
- 2.2.2 ROOF CORNERS PROVIDED WITH CANVAS REINFORCEMENTS (SAME MATERIAL AS TENT CANVAS) INCLUDING 4 STITCHED STEEL RINGS (12 MM INNER DIAMETER)
- 2.2.3 A DISTANCE OF 25 CM HAS TO BE ENSURED BETWEEN OUTER FLY AND INNER TENT
- 2.2.4 12 5 CM WIDE STRENGTHENING BANDS TO HOLD ALL CORNER AND SIDE ROPES FIXATIONS SECURELY.
- 2.2.5 5 CM STRENGTHENING BAND TO ALLOW CORNER ROPES TO RUN DIAGONALLY IN-BETWEEN CANVAS AND STRENGTHENING BAND FROM ONE CORNER TO THE OTHER. ROPES SHOULD RUN UNINTERRUPTED FROM ONE FIXATION PEG TO THE OTHER.
- 2.2.6 ALL SEAMS SEWN IN TWO ROWS, LOCK STITCHED WITH 101(COMMERCIAL NUMBER) OR 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD OR EQUIVALENT.
- 2.2.7 A PERIMETER ROPE, 9 MM, HEMMED TO RIM OF OUTER FLY AS REREINFORCEMENT.

2.3. POLES

- 2.3.1. 4 ROOF CORNERS SUPPORTED BY 4 CORNER POLES OF BAMBOO STEEL OR ALUMINIUM OF 2.00 M LENGTH AND 25 MM DIAMETER MINIMUM

3. TWO-FOLD INNER TENT, I.E. CANVAS AND LINING (DOSOUTI)

3.1 CANVAS:

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS

3.2 LINING (DOSOUTI) :

- 3.2.1 100 % COTTON, YARN COUNT 20 X 20 IN WARP AND WEFT, 32 x 32 THREADS PER INCH IN WARP AND WEFT, 2 X 2 WEAVE, MIN 6 OZS PER SQUARE METER IN FINISHED STATE.
- 3.2.2 DYED YELLOW, UNIFORM COLOUR - FAST TO WATER, NO OBJECTIONABLE STAINS / SPOTS.
- 3.2.3 **MAKE - UP** (ALL MEASURES ARE ON A FINISHED AND PITCHED TENT)
- 3.3.1 DOSOUTI LINING SEWN TO INNER TENT ALONG ALL PANEL JOINTS DOOR FLAPS INCLUDED. LINING TO STOP AT SPLASH WALL WITH AN OVERLAP OF 1.5 TO 3 CM
- 3.3.2 2 SEPARATE SIDE WALLS, FINISHED HEIGHT 1.80 M: 1.45 M
CANVAS AND 0.55 M PVC COATED 100 % POLYESTER ON BOTH SIDES : 450 G / M², COLOUR, LIGHT GREY OR WHITE, SEWN TO BOTTOM OF CANVAS WALL, NOT TO BE SEWN NEITHER ON TOP OF CANVAS NOR ON TOP OF DOSOUTI) PVC COATED POLYESTER OVERLAP OF 20 CM TO SERVE AS MUDFLAP. CORNER POSITIONS OF MUD FLAP TO BE CUT TO ALLOW MUDFLAP TO EXTEND PROPERLY.
- 3.3.3 20 CM DOUBLE FLAP SEWN TO EAVES OF ROOF ON ALL FOUR SIDES TO PROVIDE INSULATION ON INNER AND OUTER WALLS BETWEEN ROOF AND SIDE WALL. OUTSIDE FLAP OF SAME MATERIAL AS CANVAS INSIDE FLAP TO BE OF DOSOUTI.
- 3.3.4 ONE DOOR FLAP ON EACH SIDE WALL. WHEN OPENED TO SERVE AS CANOPY ROOF SUPPORTED BY 2 BAMBOO/STEEL/ALUMINIUM POLES. DOORFLAP CLOSED BY MEANS OF LOOP LACING. BOTTOM OF DOORFLAP MADE OF SPLASHWALL AND MUDFLAP. THRESHOLD OF DOOR OPENING MADE ONLY OF PVC COATED POLYESTER FABRIC
- 3.3.5 ONE WINDOW, 40 X 60CM ON EACH SIDE WALL 45 CM ABOVE BOTTOM (10 CM ABOVE SPLASH WALL). ALL WINDOWS TO HAVE CROSS STRENGTHENING BANDS, MOSQUITO NET AND FROM THE INSIDE ADJUSTABLE CANVAS FLAP WITH AN OVERLAP OF THE WINDOW OPENING BY 10 CM ON EACH SIDE AND PLACED HIGH ENOUGH TO ALLOW FOLD A WAY CLEAR OF WINDOW OPENING.
- 3.3.6 12 GALVANISED D-RINGS (TRIANGULAR SHAPE) 8 - 9 MM IN DIA, SEWN WITH CANVAS (YARN COUNT 10/2) TO HOLD CORNER AND SIDE ROPES.
- 3.3.7 CAP OF INNER TENT STRONGLY REINFORCED WITH CANVAS, PIERCED AND REINFORCED FOR CENTRE POLE TO PASS AND SUBSEQUENTLY SUPPORT OUTER FLY 25 CM ABOVE INNER TENT.
- 3.3.8 12 5 CM WIDE STRENGTHENING BANDS PROVIDED DOWN THE LENGTH OF SIDE WALLS AND FROM EAVES OF ROOF UP TO CENTRE POLE TO PROVIDE REINFORCEMENT STRENGTHENING BAND AND YARN ON SPLASH WALL MUST BE OF SYNTHETIC MATERIAL.

- 3.3.9 LOOPS PROVIDED ON ROOF AND EYELETS ON TOP OF SIDE WALL TO JOIN ROOF AND SIDE WALLS TOGETHER (LOOP LACING : DIST : 15 CM)
- 3.3.10 SIDE WALLS JOINED TOGETHER BY LOOP LACING, INTERVAL 15 CM BETWEEN LOOPS.OVERLAP OF SIDE WALL AT CORNERS MIN 20 CM
- 3.3.11 2 GALVANISED MILD STEEL 8 MM DIAMETER D-RINGS PROVIDED AT BOTTOM OF DOOR PANEL WITH SYNTHETIC YARN
- 3.3.12 GROUND FIXATION: 12 GALVANISED D-RINGS, 8 MM SEWN TO BOTTOM OF PVC SPLASHWALL WITH SYNTHETIC YARN. ALL BOTTOM TABS MUST BE OF SYNTHETIC MATERIAL.

4. ROPES

- 4.1 MADE OF 9 MM 3-STRAND POLYPROPYLENE PREFERABLY BLACK, TENSILE STRENGTH OF NOT LESS THAN 300 KG, KNOTTED SECURELY TO TENT AND OUTER FLY. SLIP-PROOF RUNNERS 11 CM LONG, GALVANIZED STEEL.
- 4.2 LOOP LACING WITH 5 / 7 MM COTTON SPUN YARN

5. POLES

- 5.1 CENTRE POLE 3 M LONG JOINTED STEEL,BAMBOO OR ALUMINIUM. WALL THICKNESS: STEEL: 1,5 MM, ALUMINIUM: 3 MM MIN. DIA : FOR STEEL/ALUMINIUM: 48 MM, FOR BAMBOO: MIN 50 MM MAX 70 MM
- 5.2 SLEEVES OF 20 CM LENGTH RIVETED TO ONE END OF THE UPRIGHT SECTION WITH 10 CM SLEEVE OVERLAPPING THE PIPE. ALTERNATIVELY, MECHANICALLY REDUCED STEEL OR ALUMINIUM PIPE TO FIT INTO THE 48 MM POLE.
- 5.3 BOTH SECTIONS TO BE TIGHTLY FITTED TOGETHER WITHOUT COMING APART WHEN ERECTED
- 5.4 SCREWED BASE PLATE,15CM DIA. ATTACHED TO BOTTOM OF POLE.
- 5.5 4 ALUM. POLES (22 DIA. X 2 MM) OR BAMBOO POLES (22 MM DIA) OR STEEL POLES 25 DIA X 1.5MM) SEWN INTO SLEEVES ON EACH SIDE WALL. NOT TO EXTEND BEYOND TOP OF EACH SIDE WALL. 2 CORNER POLES TO EXTEND BEYOND TOP OF EACH SIDE WALL TO PROVIDE SLIP PROOF FIXATION OF ROOF.
- 5.6 2 BAMBOO/STEEL OR ALUMINIUM POLES (22 MM DIA.) PROVIDED FOR EACH DOOR PANEL AS CANOPY SUPPORT. HEIGHT 1.75 M LONG INCL. 5 CM METAL PIN RIVETED TO POLE CAP.
NOTE: ALL BAMBOO POLES AND ALL DETAILS MADE OF WOOD MUST BE TREATED AGAINST TERMITE AND INSECT DAMAGE

6. ACCESSORIES

- 6.1 24 T - TYPE BARS 40 MM X 20 MM, 50 CM LONG.
- 6.2 12 IRON PEGS : 25CM LONG, REINFORCED STEEL ROD,9 MM DIAMETER
- 6.3 1 IRON HAMMER:1 KG, 45 CM WOODEN TAPERED HANDLE.METAL HEAD FIRMLY SECURED TO THE HANDLE BY MEANS OF A WEDGE.
- 6.4 1 REPAIR KIT: 1 STRAIGHT AND 1 CURVED NEEDLE, 20 M SUITABLE THREAD FOR TENT REPAIR
- 6.5 ASSEMBLY INSTR. WITH ILLUSTRATIONS, AND LIST OF CONTENT

7. GOUNDSHEET

- 7.1 WOVEN HDPE, WARP X WEFT: 12/14 X 12/14, LAMINATED ON BOTH SIDES WITH LDPE, REINFORCED RIMS BY HEAT SEALING ON ALL SIDES
- 7.2 SIZE: 4 M X 4 M, WITHOUT UV STABILISATION, 200G/M2

8. PACKING

- 8.1 OUTER / INNER FLIES AND GOUNDSHEET FOLDED AND ROLLED WITH ACCESSORIES, WRAPPED IN CANVAS CLOTH INSIDE BUNDLE. BUNDLE TO BE POLYETHYLENE LINED, WRAPPED WITH HESSIAN CLOTH, STITCHED, AND STRAPPED WITH NYLON BANDS IN BOTH DIRECTIONS

9. SHIPPING MARKS

9.1 PRINTED CLEARLY ON SEPARATE PIECE OF WHITE CANVAS (MIN 35 X 60 CM) IN INDELIBLE INK FOR MAX. VISIBILITY, SECURED WITH NYLON BANDS OF THE PACKING.

10. WEIGHT AND VOLUME

10.1 GR. WEIGHT PER TENT APPROX. 125 KG

TENT CENTRE POLE DOUBLE FLY SINGLE FOLD

UNHCR ITEM NO 1990

1.1 OUTER FLY

1.1.1 DIMENSIONS:	4.50 M X 4.50 M
1.1.2 CENTRE HEIGHT:	3.00 M
1.1.3 EAVES HEIGHT CORNERS	2.00 M

1.2 INNER FLY:

1.2.1 DIMENSIONS:	4.00 M X 4.00 M
1.2.2 FLOOR AREA:	16 M ²
1.2.3 CENTRE HEIGHT:	2.75 M
1.2.4 SIDE WALL HEIGHT:	1.80 M

1.1 OUTER FLY TO CLEARLY EXTEND BEYOND SIDEWALLS OF INNER TENT BY 25 CM MIN.

2. OUTER FLY, SINGLE FOLD

2.1 CANVAS:

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS

2.1.1 UNHCR LOGO - PRINTED ON FOUR SIDES OF OUTER FLY IN BLUE INDELIBLE INK, LETTER SIZE : HEIGHT MIN 40 CM, SPACING BETWEEN LETTERS MIN 2,5 CM.

2.2 MAKE-UP

- 2.2.1 12 GALVANISED D-RINGS(TRIANGULAR SHAPE)8-9 MM IN DIA. SEWN WITH CANVAS(YARN COUNT 10/2)TO HOLD CORNERS AND SIDE ROPES
- 2.2.2 ROOF CORNERS PROVIDED WITH CANVAS REINFORCEMENTS (SAME MATERIAL AS TENT CANVAS) INCLUDING 4 STITCHED STEEL RINGS (12 MM INNER DIAMETER)
- 2.2.3 A DISTANCE OF 25 CM HAS TO BE ENSURED BETWEEN OUTER FLY AND INNER TENT
- 2.2.4 12 5 CM WIDE STRENGTHENING BANDS TO HOLD ALL CORNER AND SIDE ROPES FIXATIONS SECURELY.
- 2.2.5 5 CM STRENGTHENING BAND TO ALLOW CORNER ROPES TO RUN DIAGONALLY IN-BETWEEN CANVAS AND STRENGTHENING BAND FROM ONE CORNER TO THE OTHER. ROPES SHOULD RUN UNINTERRUPTED FROM ONE FIXATION PEG TO THE OTHER.
- 2.2.6 ALL SEAMS SEWN IN TWO ROWS, LOCK STITCHED WITH 101(COMMERCIAL NUMBER) OR 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD OR EQUIVALENT.
- 2.2.7 A PERIMETER ROPE, 9 MM, HEMMED TO RIM OF OUTER FLY AS REREINFORCEMENT.

2.3. POLES

- 2.3.1. 4 ROOF CORNERS SUPPORTED BY 4 CORNER POLES OF BAMBOO, STEEL OR ALUMINIUM OF 2.00 M LENGTH AND 25 MM DIAMETER MINIMUM

3. SINGLE-FOLD INNER TENT, CANVAS

3.1 CANVAS:

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- - STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS

MAKE-UP (ALL MEASURES ARE ON A FINISHED AND PITCHED TENT)

- 3.3.1 INNER TENT ALONG ALL PANEL JOINTS DOOR FLAPS STOP AT SPLASH WALL WITH AN OVERLAP OF 1.5 TO 3 CM
- 3.3.2 2 SEPARATE SIDE WALLS, FINISHED HEIGHT 1.80 M: 1.45 M CANVAS AND 0.55 M PVC COATED 100 % POLYESTER ON BOTH SIDES : 450 G / M², COLOUR, LIGHT GREY OR WHITE, SEWN TO BOTTOM OF CANVAS WALL, NOT TO BE SEWN NEITHER ON TOP OF CANVAS NOR ON TOP OF DOSOUTI) PVC COATED POLYESTER OVERLAP OF 20 CM TO SERVE AS MUDFLAP. CORNER POSITIONS OF MUD FLAP TO BE CUT TO ALLOW MUDFLAP TO EXTEND PROPERLY.
- 3.3.3 20 CM SINGLE FLAP SEWN TO EAVES OF ROOF ON ALL FOUR SIDES TO PROVIDE INSULATION ON WALLS BETWEEN ROOF AND SIDE WALL. FLAP OF SAME MATERIAL AS CANVAS ON OUTER SIDE.
- 3.3.4 ONE DOOR FLAP ON EACH SIDE WALL. WHEN OPENED TO SERVE AS CANOPY ROOF SUPPORTED BY 2 BAMBOO/STEEL OR ALUMINIUM POLES. DOORFLAP CLOSED BY MEANS OF LOOPING. BOTTOM OF DOORFLAP MADE OF SPLASHWALL AND MUDFLAP. THRESHOLD OF DOOR OPENING MADE ONLY OF PVC COATED POLYESTER FABRIC
- 3.3.4 ONE WINDOW, 40 X 60CM ON EACH SIDE WALL 45 CM ABOVE BOTTOM (10 CM ABOVE SPLASH WALL). ALL WINDOWS TO HAVE CROSS STRENGTHENING BANDS, MOSQUITO NET AND FROM THE INSIDE ADJUSTABLE CANVAS FLAP WITH AN OVERLAP OF THE WINDOW OPENING BY 10 CM ON EACH SIDE AND PLACED HIGH ENOUGH TO ALLOW FOLD A WAY CLEAR OF WINDOW OPENING.
- 3.3.5 12 GALVANISED D-RINGS (TRIANGULAR SHAPE) 8-9 MM IN DIA., SEWN WITH CANVAS (YARN COUNT 10/2) TO HOLD CORNER AND SIDE ROPES
- 3.3.7 CAP OF INNER TENT STRONGLY REINFORCED WITH CANVAS, PIERCED AND REINFORCED FOR CENTRE POLE TO PASS AND SUBSEQUENTLY SUPPORT OUTER FLY 25 CM ABOVE INNER TENT.
- 3.3.8 12 5 CM WIDE STRENGTHENING BANDS PROVIDED DOWN THE LENGTH OF SIDE WALLS AND FROM EAVES OF ROOF UP TO CENTRE POLE TO PROVIDE REINFORCEMENT STRENGTHENING BAND AND YARN ON SPLASH WALL MUST BE OF SYNTHETIC MATERIAL.
- 3.3.9 LOOPS PROVIDED ON ROOF AND EYELETS ON TOP OF SIDE WALL TO

- JOIN ROOF AND SIDE WALLS TOGETHER(LOOP LACING: DIST.: 15CM)
- 3.3.10 SIDE WALLS JOINED TOGETHER BY LOOP LACING, INTERVAL 15 CM BETWEEN LOOPS.OVERLAP OF SIDE WALL AT CORNERS MIN 20 CM
 - 3.3.11 2 GALVANISED MILD STEEL 8 MM DIAMETER D-RINGS PROVIDED AT BOTTOM OF DOOR PANEL WITH SYNTHETIC YARN
 - 3.3.12 GROUND FIXATION: 12 GALVANISED D-RINGS, 8 MM SEWN TO BOTTOM OF PVC SPLASHWALL WITH SYNTHETIC YARN. ALL BOTTOM TABS MUST BE OF SYNTHETIC MATERIAL.

4. ROPES

- 4.1 MADE OF 9 MM 3-STRAND POLYPROPYLENE PREFERABLY BLACK, TENSILE STRENGTH OF NOT LESS THAN 500 KG, KNOTTED SECURELY TO TENT AND OUTER FLY. SLIP-PROOF RUNNERS(FLAT DOUBLE HOLE, HARD WOOD 15 CM LONG, 10 CM BETWEEN HOLES AND TREATED AGAINST TERMITES AND ROT)
- 4.2 LOOP LACING WITH 7 MM COTTON SPUN YARN

5. POLES

- 5.1 CENTRE POLE 3 M LONG JOINTED STEEL,BAMBOO, STEEL OR ALUMINIUM. WALL THICKNESS: STEEL: 1,5 MM, ALUMINIUM: 3 MM MIN. DIA: FOR STEEL/ALUMINIUM: 48-50 MM, FOR BAMBOO: MIN 50 MM MAX 70 MM
- 5.2 SLEEVES OF 20 CM LENGTH RIVETED TO ONE END OF THE UPRIGHT SECTION WITH 10 CM SLEEVE OVERLAPPING THE PIPE. ALTERNATIVELY, MECHANICALLY REDUCED STEEL OR ALUMINIUM PIPE TO FIT INTO THE 48-50 MM POLE.
- 5.3 BOTH SECTIONS TO BE TIGHTLY FITTED TOGETHER WITHOUT COMING APART WHEN ERECTED
- 5.4 SCREWED BASE PLATE,15CM DIA. ATTACHED TO BOTTOM OF POLE.
- 5.5 4 ALUM. POLES (22 DIA. X 2 MM) OR BAMBOO POLES(25 MM DIA.) STEEL POLES (25 DIA X 1.5MM) SEWN INTO SLEEVES ON EACH SIDE WALL. NOT TO EXTEND BEYOND TOP OF EACH SIDE WALL. 2 CORNER POLES TO EXTEND BEYOND TOP OF EACH SIDE WALL TO PROVIDE SLIP PROOF FIXATION OF ROOF.
- 5.6 2 BAMBOO/STEEL OR ALUMINIUM POLES (25 MM DIA.) PROVIDED FOR EACH DOOR PANEL AS CANOPY SUPPORT. HEIGHT 1.75 M LONG INCL. 5 CM METAL PIN RIVETED TO POLE CAP.

NOTE: ALL BAMBOO POLES,AND ALL DETAILS MADE OF WOOD(RUNNERS ETC) MUST BE TREATED AGAINST TERMITE AND INSECT DAMAGE

6. ACCESSORIES

- 6.1 24 T-TYPE BARS 40 MM X 20 MM, 50 CM LONG, FLANGES 4 MM WITH NOTCH TO AVOID ROPE FROM SLIPPING.
- 6.2 12 IRON PEGS:25CM LONG, REINFORCED STEEL ROD,9 MM DIAMETER
- 6.3 1 IRON HAMMER:1 KG, 45CM WOODEN TAPERED HANDLE.METAL HEAD FIRMLY SECURED TO THE HANDLE BY MEANS OF A WEDGE.
- 6.4 1 REPAIR KIT: 1 STRAIGHT AND 1 CURVED NEEDLE, 20 M SUITABLE THREAD FOR TENT REPAIR
- 6.5 ASSEMBLY INSTR. WITH ILLUSTRATIONS, AND LIST OF CONTENT

7. GOUNDSHEET

- 7.1 WOVEN HDPE, WARP X WEFT: 12/14 X 12/14, LAMINATED ON BOTH SIDES WITH LDPE, REINFORCED RIMS BY HEAT SEALING ON ALL SIDES
- 7.2 SIZE: 4 M X 4 M, WITHOUT UV STABILISATION, 200G/M2

8. PACKING

- 8.1 OUTER/INNER FLIES AND GOUNDSHEET FOLDED AND ROLLED WITH ACCESSORIES, WRAPPED IN CANVAS CLOTH INSIDE BUNDLE. BUNDLE TO BE POLYETHYLENE LINED, WRAPPED WITH HESSIAN CLOTH, STITCHED, AND STRAPPED WITH NYLON BANDS IN BOTH DIRECTIONS

9. SHIPPING MARKS

- 9.1 PRINTED CLEARLY ON SEPARATE PIECE OF WHITE CANVAS (MIN 35 X 60 CM) IN INDELIBLE INK FOR MAX. VISIBILITY, SECURED WITH NYLON BANDS OF THE PACKING.
- 10. **WEIGHT AND VOLUME**
- 10.1 GR. WEIGHT PER TENT APPROX. 125 KG

**TENT - RIDGE DOUBLE FLY SINGLE FOLD
UNHCR ITEM NO 1983**

1) DIMENSIONS:

- FLOOR AREA 3.00 M X 4.00 M
- RIDGE LENGTH 4.00 M
- CENTRE HEIGHT 2.00 M
- SIDE WALL 0.90 M

2) OUTER FLY - SINGLE FOLD

CANVAS

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS.

MAKE UP:

- 4 OR 5 PANELS, SINGLE FOLD, 2 INCH MACHINE STICHED HEM ON ALL SIDES WITH 2 ROWS OF STICHING.
- 4 TO 5 STICHES PER INCH WITH 21 / 4 ENGLISH COUNT GOOD QUALITY COTTON THRED OR EQUVILENT.
- 5 OR 6 (5 IF 4 PANELS AND 6 IF 5 PANELS) EQUALLY SPACED GALVANIZED STEEL D - RING (TRIANGULAR SHAPED) 6 MM DIA SWEN WITH CANVAS TO HOLD CORNERS AND SIDE ROPES.
- TRIANGULAR SHAPED HOOD CANOPY OF 50 CM WIDE AT RIDGE BAND, FULL LENGTH OF FLY SHEET ON EITHER END.
- RIDGE REINFORCED ON INSIDE WITH 15 CM CANVAS IN MATCHING MATERIAL AND COLOR.
- EDGES HEMMED AND STICHED ACCORDINGLY.
- MINIMUM 20 CM OVERLAP MARGIN TO COVER INNER FLY.

3) INNER FLY - SINGLE FOLD

CANVAS

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.

- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS.

MAKE UP

- 4 OR 5 PANELS, SINGLE FOLD, UNIFORM WIDTH.
- FULL LENGTH SUSPENSION LOOP MADE OF SAME CANVAS 16 CM WIDE PROPERLY SEWN INTO THE OUT SIDE OF THE INNER TENT RIDGE TO ENSURE THE DISTANCE OF 15 CM BETWEEN BOTH FLIES.
- 3 INCHES REINFORCED EAVES WITH 5 OR 6 EQUALLY SPACED GALVANISED STEEL D – RINGS (TRIANGULAR SHAPED) 6 MM DIA SWEN WITH CANVAS TO HOLD CORNERS AND SIDE ROPES.
- SIDE WALLS 0.90 M HIGH : 70 CM, MADE OF CANVAS, 40 CM MADE OF 100 % PVC COATED FABRIC OF 450 GRAM / M², UV RESISTANCE , SINGLE LAYER, 20 CM OF WHICH TO BE SERVED AS SIDE WALL (WITHOUT CANVAS) AND 20 CM AAS MUD FLAP.
- RIDGE REINFORCED ON INSIDE WITH 15 CM WIDE CANVAS IN MATCHING MATERIAL AND COLOUR LENGTHWISE.
- STRENGTHENING PATCHES EACH CORNER WHERE WALL, ROOF AND DOORWAYS ARE JOINED.
- 1 WINDOW ON EACH SIDE WALL, SIZE 40 CM X 60 CM WITH CROSS STRENGTHENING BANDS, MOSQUITO NETS AND ADJUSTABLE CANVAS FLAPS.
- FRONT AND REAR DOORS OF SAME MATERIALS SEWN INTO ROOF WITH EYELETS 15 CM SPACING FOR DOOR LACES.
- SAME PVC MUD / WIND FLAP OF 40 CM SEWN TO THE DOORS MAKING UP THE LOWER 20 CM PLUS 20 CM MUD FLAP.
- 14 CANVAS TABS WITH 6 MM DIAMETER GALVANISED STEEL D (APPROX), SPACED AROUND THE PERIMETER OF THE TENT AT METER INTERVALS.
- CAPS AT BOTH RIDGE ENDS STRONGLY REINFORCED WITH CANVAS AND HOT DIP GALVANISED STEEL GROMMETS SEWN INTO CANVAS FOR UPRIGHT POLE.
- ALL SEAMS TO BE SEWN IN TWO ROWS LOCK STITCH WITH 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD OR EQUIVALENT, EXCEPT HAND STITCHING WHERE REQUIRED.

4) GOUNDSHEET

- DIMENSIONS: 4 M X 3 M
- MATERIAL: WOVEN PROPYLENE AND COVERED ON BOTH SIDES WITH LOW DENSITY POLYETHYLENE (LDPE). EDGES FOLDED AND SEWN WITH ONE ROW OF STITCHING, STITCHES WITH 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD OR EQUIVALENT. MIN. WEIGHT 200 GR / SQM

5) ROPES

- GUY ROPES MADE OF 9 MM 3 STRANDS NYLON OR POLYPROPYLENE WITH TENSILE STRENGTH OF NOT LESS THAN 300 KG, KNOTTED SECURELY TO TENT. GUY RUNNERS MADE OF 5 MM DIAMETER GALVANISED STEEL, APPROXIMATELY 11 CM LONG.
- LOOP LACING FOR DOORS - 5 / 7 MM COTTON SPUN YARN.

6) POLES/BEAM

RIDGE BEAM

- 4 METER LONG, 48 MM DIAMETER PAINTED (LONG LASTING PAINT - POWDER COATED OR EQUIVALENT) STEEL PIPE MINIMUM 1.5 MM WALL THICKNESS (2 SECTIONS OF 2 METER EACH SCREWED AND SOCKETED).
- 11 MM HOLES DRILLED AT ONE END OF OTHER TWO SECTIONS FOR UP -RIGHT POLES PINS TO FIT IN EACH SECTION, SHOULD BE FITTED TOGETHER WITHOUT COMING APART WHEN ERECTED.
- TWO UPRIGHT POLES OF 2.15 M EACH, MADE OF 47 / 48 MM DIAMETER POWDER COATED PAINTED STEEL PIPE, MINIMUM 1.5 MM WALL THICKNESS WITH SCREWED BASED PLATE OF 15 CM DIAMETER POWDER COATED PAINTED ONE END AND A 10 CM DIAMETER SCREWED TOP PLATE WITH 9 MM DIAMETER POWDER COATED PAINTED, METAL PIN 10 CM LONG, WELDED TO POLE CAP ON OTHER END.

7) ACCESSORIES AND REPAIR KIT

- 12 METAL POWDER COATED PAINTED PINS OF 25 CM LONG BEFORE HOOKING, MADE OF STEEL ROD 9 MM DIAMETER, SUFFICIENT TO WITHSTAND HEAVY IMPACT FROM HAMMER.
- 12 METAL POWDER COATED PAINTED PEGS OF 50 CM LONG, MADE OF EQUAL T - BAR 2 X 2 CM X 2 CM, 3 MM THICK. PEGS ARE TO BE NOTCHED TWICE WITH 10 CM, DISTANCE FROM 1 SIDE TO HOLD THE ROPE PROPERLY. PEG TO BE PRINTED ON THE OTHER END.
- ONE METAL HAMMER OF 1.5 KG WITH 45 CM WOODEN TAPPED HANDLE. METAL HEAD TO BE FIRMLY SECURED TO THE HANDLE BY MEANS OF A WEDGE.
- ONE REPAIR KIT, CONSISTING OF ONE STRAIGHT AND ONE CURVED STRONG NEEDLES WITH 20 M OF SUITABLE THREAD FOR REPAIRING THE TENT.
- 1 ASSEMBLY INSTRUCTION SHEET.
- UNCHR LOGO TO BE PRINTED IN BLUE INDELIBLE INK ON BOTH SIDES OF THE TENT FOR MAXIMUM VISIBILITY – LETTER SIZE 40 CM MINIMUM.

8) PACKING

- OUTER / INNER FLIES AND GROUND SHEET FOLDED AND ROLLED WITH ALL ACCESSORIES AND POLES WRAPPED IN CANVAS CLOTH INSIDE THE BUNDLE.
- EACH BUNDLE SHALL THEN BE POLYETHYLENE LINED, WRAPPED WITH STRONG HESSIAN CLOTH AND STITCHED AND STRAPPED WITH NYLON BANDS.

9) SHIPPING MARKS

- SHIPPING MARKS TO BE PRINTED CLEARLY ON SEPARATE PIECE OF WHITE CANVAS CLOTH (MINIMUM 35 CM X 60 CM) IN INDELIBLE INK FOR MAXIMUM VISIBILITY AND SECURED WITH THE NYLON BANDS OF THE PACKING.

TENT RIDGE DOUBLE FLY DOUBLE FOLD
UNHCR ITEM NO. 1993

1) DIMENSIONS:

- FLOOR AREA 3.00 M X 4.00 M OR 4 X 4 M
- RIDGE LENGTH 4.00 M
- CENTRE HEIGHT 2.00 M
- SIDE WALL 0.90 M

2) OUTER FLY - SINGLE FOLD

CANVAS

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS

MAKE UP:

- 4 OR 5 PANELS, SINGLE FOLD, 2 INCH MACHINE STICHED HEM ON ALL SIDES WITH 2 ROWS OF STICHING.
- 4 TO 5 STICHES PER INCH WITH 21 / 4 ENGLISH COUNT GOOD QUALITY COTTON THRED OR EQUVILENT.
- 5 OR 6 (5 IF 4 PANELS AND 6 IF 5 PANELS) EQUALLY SPACED GALVANIZED STEEL D - RING (TRIANGULAR SHAPED) 6 MM DIA SWEN WITH CANVAS TO HOLD CORNERS AND SIDE ROPES.
- TRIANGULAR SHAPED HOOD CANOPY OF 50 CM WIDE AT RIDGE BAND, FULL LENGTH OF FLY SHEET ON EITHER END.
- RIDGE REINFORCED ON INSIDE WITH 15 CM CANVAS IN MATCHING MATERIAL AND COLOR.
- EDGES HEMMED AND STICHED ACCORDINGLY.
- MINIMUM 20 CM OVERLAP MARGIN TO COVER INNER FLY.

3) INNER FLY - DOUBLE FOLD, I.E. CANVAS AND LINING (DOSOUTI)

CANVAS

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.

- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS

LINING (DOSOUTI):

- 100 PCT COTTON, YARN COUNT 20 X 20 IN WARP AND WEFT, 32 THREADS PER INCH IN WARP AND WEFT, 2 X 2 WEAVE, MIN 6 OZS PER SQUARE METER IN FINISHED STATE.
- DYED YELLOW, UNIFORM COLOUR-FAST TO WATER, NO OBJECTIONABLE STAINS / SPOTS

MAKE UP (ALL MEASURES ARE ON A FINISHED AND PITCHED TENT)

- TWO FOLD – OUTER SIDE CANVAS AND INNER SIDE DOSOUTI LINING.
- 4 OR 5 (2 FOLDS) PANNELS.
- FULL LENGTH SUSPENSION LOOP MADE OF SAME CANVAS 16 CM WIDE PROPERLY SEWN INTO THE OUTSIDE OF THE INNER TENT RIDGE TO ENSURE THE DISTANCE OF 15 CM BETWEEN BOTH FLIES.
- DOSOUTI LINING TO SEWN TO THE INNER FLY ALONG THE CANVAS PANNEL JOINTS TO ALLOW MAXIMUM INTERIOR SPACE.
- 3 INCHES REINFORCED EAVES WITH 5 OR 6 EQUALLY SPACED GALVANIZED D – RINGS (TRIANGULAR SHAPED) 6 MM IN DIA SWEN WITH CANVAS TO HOLD CORNERS AND SIDE ROPES.
- SIDE WALL 90 CM HIGH : 70 CM MADE OF CANVAS AND DOSOUTI LINING AND 40 CM OF 100 % PVC COATED FABRIC OF 450 GRAM / M², UV RESISTANCE, SINGLE LAYER, 20 CM TO SERVE AS SIDE WALL (WITHOUT CANVAS AND DOSOUTI) AND 20 CM AS MUD FLAP.
- RIDGE REINFORCED ON INSIDE WITH 15 CM WIDE CANVAS IN MATCHING MATERIAL AND COLOUR LENGTHWISE.
- STRENGTHENING PATCHES EACH CORNER WHERE WALL, ROOF AND DOOR WAYS ARE JOINED.
- 1 WINDOW ON EACH SIDEWALL, SIZE 40 CM X 60 CM WITH CROSS STRENGTHENING BANDS, MOSQUITO NETS AND ADJUSTABLE CANVAS FLAPS.
- FRONT AND REAR DOORS OF SAME MATERIALS SEWN INTO ROOF WITH EYELETS 15 CM SPACING FOR DOOR LACES.
- SAME PVC MUD/WIND FLAP OF 40 CM SEWN TO THE DOORS MAKING UP THE LOWER 20 CM PLUS 20 CM AS MUD FLAP.
- 14 CANVAS TABS WITH 6 MM DIAMETER GALVANISED STEEL D APPROPRIATELY SPACED AROUND THE PERIMETER OF THE TENT AT METER INTERVALS.
- CAPS AT BOTH RIDGE ENDS STRONGLY REINFORCED WITH CANVAS AND HOT DIP GALVANISED STEEL GROMMETS SEWN INTO CANVAS FOR UPRIGHT POLE.
- ALL SEAMS TO BE SEWN IN TWO ROWS LOCK STITCH WITH 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD OR EQUIVALENT, EXCEPT HAND STITCHING WHERE REQUIRED.

4) GROUND SHEET

- DIMENSIONS: 4 M X 3 M OR 4 M X 4 M
- MATERIAL: WOVEN PROPYLENE AND COVERED ON BOTH SIDES WITH LOW DENSITY POLYETHYLENE (LDPE). EDGES FOLDED AND SEWN WITH ONE ROW OF STITCHING, STITCHES WITH 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD OR EQUIVALENT. MIN. WEIGHT 200 GR / SQM

5) ROPES

- GUY ROPES MADE OF 9 MM 3 STRANDS NYLON OR POLYPROPYLENE WITH TENSILE STRENGTH OF NOT LESS THAN 300 KG, KNOTTED SECURELY TO TENT. GUY RUNNERS MADE OF 5 MM DIAMETER GALVANISED STEEL, APPROXIMATELY 11 CM LONG.
- LOOP LACING FOR DOORS - 5 / 7 MM COTTON SPUN YARN.

6) POLES/BEAM

-
- 4 METER LONG, 48 MM DIAMETER PAINTED (LONG LASTING PAINT - POWDER COATED PAINT OR EQUIVALENT) STEEL PIPE MINIMUM 1.5 MM WALL THICKNESS (2 SECTIONS OF 2 METER EACH SCREWED AND SOCKETED).
 - 11 MM HOLES DRILLED AT ONE END OF OTHER TWO SECTIONS FOR UP -RIGHT POLES PINS TO FIT IN EACH SECTION, SHOULD BE FITTED TOGETHER WITHOUT COMING APART WHEN ERECTED.
 - TWO UPRIGHT POLES OF 2.15 M EACH, MADE OF 47 / 48 MM DIAMETER POWDER COATED PAINTED STEEL PIPE, MINIMUM 1.5 MM WALL THICKNESS WITH SCREWED BASED PLATE OF 15 CM DIAMETER POWDER COATED PAINTED ONE END AND A 10 CM DIAMETER SCREWED TOP PLATE WITH 9 MM DIAMETER POWDER COATED PAINTED, METAL PIN 10 CM LONG, WELDED TO POLE CAP ON OTHER END.

7) ACCESSORIES AND REPAIR KIT

- 12 METAL POWDER COATED PAINTED PINS OF 25 CM LONG BEFORE HOOKING, MADE OF STEEL ROD 9 MM DIAMETER, SUFFICIENT TO WITHSTAND HEAVY IMPACT FROM HAMMER.
- 12 METAL POWDER COATED PAINTED PEGS OF 50 CM LONG, MADE OF EQUAL T - BAR 2 X 2 CM X 2 CM, 3 MM THICK. PEGS ARE TO BE NOTCHED TWICE WITH 10 CM, DISTANCE FROM 1 SIDE TO HOLD THE ROPE PROPERLY. PEG TO BE PRINTED ON THE OTHER END.
- ONE METAL HAMMER OF 1.5 KG WITH 45 CM WOODEN TAPPED HANDLE. METAL HEAD TO BE FIRMLY SECURED TO THE HANDLE BY MEANS OF A WEDGE.
- ONE REPAIR KIT, CONSISTING OF ONE STRAIGHT AND ONE CURVED STRONG NEEDLES WITH 20 M OF SUITABLE THREAD FOR REPAIRING THE TENT.
- 1 ASSEMBLY INSTRUCTION SHEET.
- UNCHR LOGO TO BE PRINTED IN BLUE INDELIBLE INK ON BOTH SIDES OF THE TENT FOR MAXIMUM VISIBILITY – LETTER SIZE 40 CM MINIMUM.

8) PACKING

- OUTER / INNER FLIES AND GROUNDSHEET FOLDED AND ROLLED WITH ALL ACCESSORIES AND POLES WRAPPED IN CANVAS CLOTH INSIDE THE BUNDLE.
- EACH BUNDLE SHALL THEN BE POLYETHYLENE LINED, WRAPPED WITH STRONG HESSIAN CLOTH AND STITCHED AND STRAPPED WITH NYLON BANDS.

9) SHIPPING MARKS

SHIPPING MARKS TO BE PRINTED CLEARLY ON SEPARATE PIECE OF WHITE CANVAS CLOTH (MINIMUM 35 CM X 60 CM) IN INDELIBLE INK FOR MAXIMUM VISIBILITY AND SECURED WITH THE NYLON BANDS OF THE PACKING.

HOSPITAL TENT (TO ACCOMODATE 10 BEDS)

UNHCR ITEM NO 1981

SIZE: 80 SQUARE METRES

RECTANGULAR: 14 M X 6 M

1. HOSPITAL TENT TO ACCOMODATE 10 BEDS

1.1 MINIMUM SIZE: 80 SQUARE METERS

1. 2 RECTANGULAR: 14 M X 6 M

1.3 CENTRE HEIGHT APPROX 3.6 M MINIMUM

1.4 WALL HEIGHT APPROX. MINIMUM 2 M IN DETACHABLE 2 M SECTIONS

2. INNER TENT: TWO FOLDS IE. CANVAS AND DOSOUTI LINING

2.1 CANVAS

2.1.1

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS

2.2 DOSOUTI LINING:

2.2.1 100 PCT COTTON, YARN COUNT 20 X 20 IN WARP AND WEFT, 32 X 32

THREADS PER SQUARE INCH IN WARP AND WEFT, 2 X 2 WEAVE, MIN. 6 OZS PER SQUARE METER IN FINISHED STATE.

2.2.2 DYED YELLOW, COLOURFAST TO WATER, UNIFORM COLOUR WITHOUT OBJECTIONABLE STAINS/SPOTS.

2.2.3 TO BE SEWN TO THE INNER TENT ALONG THE PANEL JOINTS AND TO LINING TO STOP AT THE SPLASHWALL WITH AN OVERLAP OF 2 TO 3 CM.

3 OUTER FLY

3.1 SAME MATERIAL AS INNER FLY TENT CANVAS. GREIGE CANVAS WITH UNHCR SCREEN-PRINTED ON FOUR SIDES OF THE OUTER FLY IN BLUE INDELIBLE INK FOR MAXIMUM VISIBILITY. LETTER SIZE HEIGHT: 50 CM MINIMUM, WIDTH: 20 CM MIN, SPACING BETWEEN LETTERS: MIN 2.5 CM .

3.2 TO EXTEND INNER TENT BY 30 CM AT EAVES AND 60 CM AT GABLE ENDS

3.3 EAVES OF THE OUTER FLY SHOULD HAVE A HEIGHT OF 2.30 M

3.4 EAVES TO BE SUPPORTED UNDER EACH GUY ROPE WITH BAMBOO POLES LENGTH 2.35 M, WIDHT 30 MM OR STEEL POLES (DIA 25 X 1.5MM) LENGTH 2.35 M, MM. THIS IS TO ENSURE CLEAR DISTANCE OF 25 - 30 CM BETWEEN INNER TENT AND OUTER FLY.

3.5 5 CM STRENGTHENING BAND TO HOLD ALL ROPE FIXATIONS SECURELY

3.6 PROVIDED WITH GALVANISED D-RINGS(TRIANGULAR SHAPE, 8-9 MM IN DIAMETER), SEWN WITH CANVAS (10/2) TO HOLD CORNERS AND SIDE ROPES

4 ROPES:

- 4.1 ROPES MADE OF 9 MM 3 STRANDS NYLON/POLYPROPYLENE WITH TENSILE STRENGTH OF NOT LESS THAN 750 KGS, KNOTTED SECURELY TO TENT.
- 4.2 SLIP PROOF RUNNERS FLAT DOUBLE HOLE, HARD WOOD 15 CM LONG 10 CM BETWEEN THE HOLES. RUNNERS TREATED AGAINST TERMITES.
- 4.3 EACH SIDE 3 GUY ROPES OF 7 METER LONG
- 4.4 EACH CORNER DOUBLE ROPE OF 4 METER
- 4.5 OTHER 32 ROPES EACH 3.5 METER LONG

5 MAKE-UP:

- 5.1 4 SIDE WALLS, 2 X 6 METER LONG AND 2 X 14 METER LONG
- 5.2 HEIGHT MINIMUM 2 METER MADE UP OF 1.60 M CANVAS AND 60 CM PVC COATED POLYESTER: 450 G/M², SEWN TO THE BOTTOM OF THE WALL AS SPLASH WALL (IE PVC TO REPLACE BOTTOM OF WALL AND NOT TO BE SEWN NEITHER ON TOP OF CANVAS NOR ON TOP OF THE DOSOUTI LINING). PVC OVERLAP OF 20 CM TO SERVE AS MUDFLAP. CORNER POSITIONS OF THE MUDFLAP TO BE CUT TO ALLOW MUDFLAP TO EXTEND PROPERLY.
- 5.3 STRENGTHENING BAND AND YARN ON THE SPLASHWALL MUST BE OF SYNTHETIC MATERIAL.
- 5.4 LOOPS TO BE PROVIDED EVERY 15 CM ON THE ROOF AND EYELETS ON THE TOP OF THE SIDE WALLS TO JOIN THE INNER ROOF AND SIDE WALLS TOGETHER (LOOP LACING)
- 5.5 SIDES TO BE JOINED TOGETHER BY LOOP LACING IN SUCH A WAY THAT GOOD WINDPROOFING IS PROVIDED. (DISTANCE 15 CM)
- 5.6 OVERLAP OF SIDEWALLS AT CORNERS SHOULD BE MIN 20 CM
- 5.7 20 CM DOUBLE FLAP TO BE SEWN TO THE EAVES OF THE ROOF ON ALL FOUR SIDES, TO PROVIDE INSULATION ON INNER AND OUTER WALLS BETWEEN ROOF AND SIDE WALL. OUTSIDE FLAP TO BE OF SAME MATERIAL AS TENT. INSIDE FLAP TO BE OF DOSOUTI LINING MATERIAL
- 5.8 4 DOORS: 2 M X 2 M - 1 DOORS WITH ROOF AT EACH GABLE END. WHEN OPENED TO SERVE AS CANOPY ROOF SUPPORTED BY TWO BAMBOO OR STEEL POLES DOORFLAP TO BE CLOSED BY MEANS OF LOOP-LACING, THRESHOLD OF THE DOOR OPENING TO BE MADE ONLY OF PVC COATED POLYESTER FABRIC. 1 DOOR ON EACH SIDE WALL WITHOUT ROOF.
- 5.9 12 WINDOWS - SIZE: 60 X 50 CM - WITH CROSS STRENGTHENING BANDS MOSQUITO NETS AND ADJUSTABLE CANVAS FLAPS TO OVERLAP WINDOW OPENING BY 10 CM ON EACH SIDE. CANVAS FLAP TO BE PLACED HIGH ENOUGH TO ALLOW FOLD AWAY CLEAR OF WINDOW OPENING. WINDOWS TO BE PLACED EVENLY ALLONG THE SIDE WALLS AND 90 CM ABOVE BOTTOM.
- 5.10 4 WINDOWS 40 CM X 60 CM TO SERVE AS VENTILATING DEVICE ON EACH ROOF SIDE, ON INNERTENT EVENLY DISTRIBUTED OVER THE LENGTH AND POSITIONED 1 M BELOW THE RIDGE.
- 5.11 TENTS TO BE ATTACHABLE BY MEANS OF STRONG ROPES
- 5.12 CORNERS TO BE PROVIDED WITH CANVAS REINFORCEMENTS (SAME MATERIAL AS TENT CANVAS)
- 5.13 GALVANISED D-RINGS (TRIANGULAR SHAPE) 8-9 MM IN DIAMETER SEWN WITH CANVAS (10/2) TO HOLD CORNER AND SIDE ROPES
- 5.14 ALL SEAMS TO BE SEWN IN 2 ROWS LOCKSTITCHED WITH 101 (COMMERCIAL NUMBER) OR 21/4 (ENGLISH COUNT), EXCEPT HANDSTITCHING
- 5.15 GROUND FIXATION : GALVANISED D-RINGS 8-9 MM IN DIAMETER SEWN TO BOTTOM OF PVC SPLASHWALL WITH ROTPROOF YARN (POLYESTER/NYLON)
ALL BOTTOM TABS MUST BE OF SYNTHETIC MATERIAL.

6 FRAME:

- 6.1 CONSTRUCTED OF HOT DIP GALVANISED STEEL POLES, 48 MM DIA AND 1.5 MM WALL THICKNESS.
- 6.2 BEAM SPACING EVERY 2 METRES.
- 6.3 SIDEPoles PROVIDED WITH STURDY BASEPLATES TO WITHSTAND WIND STRENGTH OF MINIMUM 30 M/SECOND

7 GROUND SHEET:

- 7.1 DIMENSIONS: 14 M X 6 M
- 7.2 MATERIAL: WOVEN PROPYLENE AND COVERED ON BOTH SIDES WITH LOW DENSITY POLYETHYLENE (LDPE). EDGES FOLDED AND SEWN WITH ONE ROW OF STITCHING, STITCHES WITH 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD OR EQUIVALENT. MIN. WEIGHT 200 GR/SQM

8 ACCESSORIES & REPAIRING KIT

- 8.1 34 IRON PEGS T BAR 40 MM X 20 MM, LENGTH 50 CM, FLANGES 4 MM WITH A NOTCH TO AVOID ROPE FROM SLIPPING.
- 8.2 36 IRON PINS 30 CM LONG, 9 MM DIA.
- 8.3 2 IRON HAMMERS, 1.5 KG WITH WOODEN TAPERED HANDLE 45 CM LONG
- 8.4 1 REPAIRING KIT CONSISTING OF ONE CURVED AND ONE STRAIGHT NEEDLE AND 20 MTRS SEWING THREAD.

9 PACKING:

9.1 EACH TENT TO BE WRAPPED IN HESSIAN CLOTH, POLYETHYLENE LINED STITCHED AND STRAPPED WITH NYLON BAND ON BOTH SIDES
BUNDLE OF ACCESSORIES PACKED IN DOUBLE HESSIAN CLOTH PACKING OF COMPLETE TENT IN EASILY IDENTIFIABLE MANNER, WITH COLOUR CODING SPECIFY WEIGHT AND VOLUME 1
COMPLETE TENT INCLUDE : FULL DESCRIPTIVE DRAWING OF PROPOSED TENT

PACKING DETAILS:

GOODS ARE TO BE PACKED FOR SHIPMENT AS FOLLOWS:

PACKING UNITS (PU): BUNDLES

DETAILED PACKING INFORMATION TO BE ADVISED

AN ATTESTED DETAILED PACKING LIST SHOWING THE CONTENTS OF EACH PACKING UNIT MUST BE INCLUDED IN OR ATTACHED TO PACKAGE NO. 1 OF THE CONSIGNMENT.

GOODS SHALL BE ADEQUATELY PACKED TO MEET THE REQUIREMENTS OF THE TRANSPORT MODE STIPULATED AND TO WITHSTAND ANY ROUGH HANDLING DURING TRANSIT TO FINAL DESTINATION. WATER RESISTANT GLUE OR ADHESIVE TAPE ONLY IS TO BE USED FOR MAKING UP OR SEALING THE CARTONS.

**SCHOOL TENT
UNHCR ITEM NO 1984**

FRAME TENT CLASSROOMS

1. DIMENSIONS

- 1.1 GROUND LENGTH: 7.00 M
- 1.2 GROUND WIDTH: 6.00 M
- 1.3 CENTRAL HEIGHT INTERNAL: 2.90 M
- 1.4 CENTRAL HEIGHT OUTER LINE: 3.20 M
- 1.5 SIDE WALL HEIGHT: 2.05M

FRAME CONSIST:

- 10 PCS STANDING POLES
- 10 PCS BEAM POLES
- 12 PCS RIDGE POLES
- 10 BASE PLATES
- 15 SOCKETS

2. OUTER FLY - SINGLE FOLD

2.1 OUTER FLY:

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.
- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS

2.2 MAKE-UP:

2.2.1 2 INCH MACHINE STITCHED, HEM ON ALL SIDES WITH 2 ROWS OF STITCHING, 5 STITCHES PER INCH WITH 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD.

2.2.2 STEEL GROMMETS (8 GAUGES) SEWN WITH 10/8 X 2 COTTON STRING, EQUALLY SPACED INTO PANEL JOINTS AND ENDS.

2.2.3 TRIANGULAR SHAPED HOOD CANOPIES OF 100CM WIDTH AT RIDGE, BOTH GABLE ENDS.

2.2.4 OUTER FLY RESTS ON EXTENDED RIDGE FRAME/POLE, SUPPORTED BY SOME 5 VERTICAL ENDS.

2.2.5 EAVES OF THE FLY SHEET ARE SUPPORTED BY 5 BAMBOO OR STEEL POLES EITHER SIDES.

3. INNER TENT: 2 FOLDS - CANVAS AND DOSOUTI LINING

3.1 CANVAS:

- 50 % COTTON (APPROX), 50 % POLYESTER (APPROX) BLEND RING SPINNING YARN COUNT 10 / 2 X 10 / 2 TWISTED IN WARP 46 / 48 X WEFT 26 / 28 THREADS / SQUARE INCH, PLAIN WEAVE.
- BASIC WEIGHT IN LOOMSTATE 14 OZ / SQ. METRE, FINISHED WEIGHT 16 OZ / SQ. METRE.
- CANVAS TO BE FREE OF WEAVING DEFECTS AND FINISHING FAULTS ADVERSELY AFFECTING STRENGTH, WATERPROOFNESS AND DURABILITY.

- NATURAL CANVAS COLOUR (ACCEPTABLE WITH SLIGHT GREENISH TINT DUE TO ROT PROOFING) WITH OUT OBJECTIONABLE SPOTS / STAINS.
- WATERPROOFING / RESISTANCE TO WATER PENETRATION BY PARAFFIN EMULSION AND ALUM ACETATE TO WITHSTAND MINIMUM 30 CM HYDROSTATIC HEAD.
- STABILISATION AGAINST DECOMPOSITION OF THE FABRIC (ROT – PROOFING) WITH COPPER NAPHTANATE OR ANY APPROPRIATE AGENTS, MINIMUM 0.35 PERCENT OF DRY WEIGHT OF PROOFED CANVAS

3.2 DOSOUTI LINING:

3.2.1 100 PCT COTTON, YARN COUNT 20 X 20, 32 X 32 THREADS PER INCH IN WARP AND WEFT, 2 X 2 WEAVE, MIN. 7 OZS PER SQUARE METER IN FINISHED STATE.

3.2.2 DYED YELLOW, COLOURFAST TO WATER.

3.3 MAKE-UP:

3.3.1 LINING TO BE SEWN TO THE INNER FLY ALONG THE CANVAS PANEL JOINTS

3.3.2 3 INCHES REINFORCED EAVES (EVENTUALLY WITH 8 MM ROPE)

3.3.3 7 HOT DIP GALVANIZED 8 GAUGE GROMMETS SEWN WITH 10/8 X 2 COTTON STRING TO HOLD CORNER AND SIDE ROPES, EITHER SIDE.

3.3.4 SIDE WALLS 2.05 M MADE UP OF 1.60 M CANVAS MEASURED FROM TOP OF WALL AND 60 CM WIDE MUD FLAP/SPLASH WALL MADE OF PVC COATED POLYESTER SEWN TO BOTTOM OF SIDE WALL CANVAS,

MAKING UP

THE LOWER 45 CM OF WALL.(PVC TO REPLACE BOTTOM OF WALL AND NOT TO BE SEWN ON TOP OF THE CANVAS). WEIGHT SOME 500 G/SQM (APPROX. TENSILE STRENGTH WARP 230 KG , WEFT 200 KG, APPROX. WING TEAR: WARP: 30 KG, WEFT 10 KG)

3.3.5 TWO DOORS PROVIDED (APPROX. 2.00 X 1.00 M) ON EACH GABLE END. CLOSURE WITH ROLL UP FLAP AND LOOP LACING (GROMMET EVERY 15CM).

3.3.6 4 WINDOWS (2 EACH SIDE) PROVIDED (AT 90 CM ABOVE GROUND), EACH MEASURING (APPROX. 1. 20 X 0.60 M), WITH STRENGTHENING BANDS MOSQUITO NETS AND ADJUSTABLE CANVAS FLAPS(OVERLAP MIN 10 CM EACH)

3.3.7 RIDGE REINFORCED ON INSIDE WITH 20 CM WIDE CANVAS STRIP IN MATCHING MATERIAL AND COLOUR.

3.3.8 RIDGE PERFORATED WITH 5 GROMMETTED OPENINGS FOR PASSAGE OF SUPPORT FRAME FOR OUTER FLY SHEET.

3.3.9 ALL CANVAS AREAS IN CONTACT WITH THE METAL FRAME SHOULD BE REINFORCED WITH 15 CM WIDE CANVAS STRIPS SEWN TO ROOF AND WALL PANELS.

4. FRAME:

4.1 SELF-SUPPORTING STEEL FRAME TO BE SECURED WITH A MINIMUM OF ROPES AND GUY WIRES CONSISTING OF SOME 5 SECTIONS. STEEL TUBING WITH LATERAL CROSS BRACES AND WITH ADEQUATELY STRENGTHENED CONNECTORS OF EQUAL ANGLES.

4.2 ALL STEEL TUBING HOT DIP GALVANIZED.

4.3 FOOT POLE FIXATION PLATES (WITH HOLES FOR BOLTING ON CONCRETE SLAB)

5. ROPES:

5.1 ALL ROPES MADE OF 9 MM, 3 STRAND NYLON OR POLYPROPYLENE WITH TENSILE NOT LESS THAN 750 KG, KNOTTED SECURELY TO TENT (OUTER/INNER FLY) AND GUY RUNNERS, MADE OF 11 CM LONG HARD WOOD PIECES)

6. ACCESSORIES AND REPAIR KIT:

6.1 36 PAINTED METAL PINS OF 40 CM LONG MADE OF STEEL ROD 9MM, SUFFICIENT TO WITHSTAND HEAVY IMPACT FROM HAMMER.

6.2 12 PAINTED METAL PEGS “T” TYPE BAR 40 MM X 20 MM, LENGTH 50 CM, FLANGNESS 4 MM WITH A NOTCH TO AVOID ROPE FROM SLIPPING.

6.3 2X1 METAL HAMMER WITH 45 CM WOODEN HANDLES, WEDGED SECURELY

6.4 1 REPAIR KIT CONSISTING OF ONE STRAIGHT AND ONE CURVED NEEDLE WITH 20 MTRS THREAD FOR SEWING.

6.4 UNHCR LOGO TO BE PRINTED IN UN BLUE INK ON BOTH GABLE ENDS FOR MAXIMUM VISIBILITY. LETTER SIZE MINIMUM 50 CM.

7 GROUND SHEET:

7.1 DIMENSIONS: 14 M X 6 M

7.2 MATERIAL: WOVEN PROPYLENE AND COVERED ON BOTH SIDES WITH LOW DENSITY POLYETHYLENE (LDPE). EDGES FOLDED AND SEWN WITH ONE ROW OF STITCHING, STITCHES WITH 21/4 (ENGLISH COUNT) GOOD QUALITY COTTON THREAD OR EQUIVALENT. MIN. WEIGHT 200 GR/SQM

8. PACKING:

8. EACH TENT TO BE WRAPPED IN HESSIAN CLOTH, POLYETHYLENE LINED STITCHED AND STRAPPED WITH NYLON BAND ON BOTH SIDES

BUNDLE OF ACCESSORIES PACKED IN DOUBLE HESSIAN CLOTH

PACKING OF COMPLETE TENT IN EASILY IDENTIFICABLE MANNER, WITH COLOUR CODING SPECIFY WEIGHT AND VOLUME 1 COMPLETE TENT

INCLUDE : FULL DESCRIPTIVE DRAWING OF PROPOSED TENT

ESTIMATED TESTING COST PER SAMPLE

IFTH DELEGATION MULHOSE 185 rue de l'illberg 68093 Mulhose Cedex FRANCE T. +33 03 98 42 74 08 F. +33 03 89 42 91 15 email:aleu@ifth.org	SGS UK Ltd. Gaw House - Alperton Lee Alperton Wembly Hao 1 WU UK T.+ 44 20 8998 21 71 F. +44 20 8997 23 email:rob_croskell@sgs.com	Centexbel Technologiepark 7 B-9052 Zwijnaarde BELGIUM T. +32 9 220 41 51 F. + 32 9 220 49 55 email:gent@centexbel.be
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NO	DESCRIPTION / SPECIFICATIONS	STANDARD	PRICE (EURO)	STANDARD	PRICE (GBP)	STANDARD	PRICE (EURO)
1	OUTER FLY - SINGLE FOLD						
1.1.	COMPOSITION	ISO 1833	98	ISO 1833	32	ISO 1833	124
	50 % cotton + / - 3 %						
	50 % polyester + / - 3 %						
1.2.	WEIGHT / M2:	ISO 3801	16	EN 12127	13	ISO 3801 5	29.9
	450 GR/M2 + / - 5 %						
1.3.	WATERPROOFING	ISO 811	68	EN 20811	40	ISO 811	62
	Treatment by paraffin wax emulsion						
	and aluminum acetate to withstand						
	min. 30 cm hydrostatic head						
	The test area: 100 cm 2						
2	INNER FLY - DOUBLE FOLD						
2.1.	COMPOSITION (CANVAS)	ISO 1833	98	ISO 1833	32	ISO 1833	124
	50 % cotton + / - 3 %						
	50 % polyester + / - 3 %						
2.2.	WEIGHT / M 2:	ISO 3801	16	EN 12127	13	ISO 3801 5	29.9
	450 GR/M2 + / - 5 %						
2.3.	COMPOSITION (DOSOUTI LINING)	ISO 1833	26	ISO 1833	32	ISO 1833	26.1
	100 % cotton						
	yarn count 20x20 - 32x32 per sq inch						
3	GROUNDSHEET						
3.1.	COMPOSITION	ISO 1833	26	ISO 1833	32	ISO 1833	124
	PP fabric, laminated both sides						
	200 gr/sqm + / - 5 %						
4	MUD FLAPS	ISO 1833	26	ISO 1833	32	ISO 1833	124
4.1.	COMPOSITION - PVC						
5	ROPES						
5.1.	COMPOSITION	ISO 1833	98	ISO 1833	32	ISO 1833	124
	Made of 9 mm 3 strands nylon/ polypropylene						
5.2.	Tensile strength: min. 300 kg + / - 5 %	ISO 1421	87	BS 6F100	50	Centexbel method	70
Estimated total amount in local currency:			559		308		837.9
Estimated lead time for actual testing:		2 weeks		2 weeks		3 weeks	

