



ANNEX II: Technical Specification

Background information

The United Nations Population Fund (UNFPA) Asia Pacific Regional Office (APRO) has been implementing the Regional Prepositioning Initiative (RPI), which aims to assist the most disaster-prone countries in Asia Pacific to become better prepared and more resilient to emergencies when it comes to meeting the sexual and reproductive health (SRH) needs of women and girls and gender-based violence (GBV) services.

As part of Regional Programme from 2021-2024, managed by the Asia Pacific Regional Office:

1. SRH and GBV supplies are procured and stored in warehouses (for Bangladesh, Indonesia, Myanmar, Pacific Islands, Philippines, Papua New Guinea, Sri Lanka and Regional level for Brisbane warehouse);
2. Advocacy for national government prepositioning of SRH and GBV humanitarian supplies, production and dissemination of communication materials in relation to the Regional Prepositioned Initiatives;
3. Project Management and Coordination.

The RFQ is for procurement of and to be stored for the UNFPA Indonesia country office.

LOT 1

MINIMUM TECHNICAL SPECIFICATION

GBV SUB CLUSTER TENT AND HIGH RISK PREGNANCY WOMEN TENT (SIZE 6X12 METER)

*same specification as below, difference only on logo printing and buckhead tent**

TENT

- Tent Material : Filament polyester 100%
- Outside : White Color
- Inside : Gray / dark Blue color
- Coating Technique : Triple Coating, Coating Layer Must Function as waterproof and anti-fungal.

Chemical Coating Materials

- Have Certificate : ISO 9001-2008/OEKO TEX Quality Management System
- Types of Polyester Yarn : 100% 450 D
- Yarn raw materials : New and not recycled (Grade A)
- Yarn Finishing : With Military Standards / SNI, using a twist system (twist), Light but strong.

TENT CEILING

- Ceiling Material : Satin Polyester, Full Tent Ceiling

Print logo above the front and rear entrances (estimation of size per logo 100 cm x 40 cm) *

- Logo KPPPA – UNFPA (2 tent of GBV sub cluster)
- Logo MoH – UNFPA (5 tent of High-risk pregnancy women)



FRAME of TENT

- Basic material : Black Iron pipe or similar and rust-resistant
- Resistance to blows and loads : Not easy to crack / break.
- Pipe Shape : Seamless pipe
- Construction
 - a. Main Mast : Pipe**
 - Diameter, mm : 45 (at least)
 - Thickness, mm : 1.2 (at least)
 - Long pipe (main mast) mm: 1800 (at least)
 - Amount, bars : 14
 - b. Pipe Foundation**
 - Diameter outer, mm : 45 (at least)
 - Thickness, mm : 1.2 (at least)
 - Pipe length, mm : 1800 (at least)
 - Amount, bars : 12
 - c. Pipe Main Mast Liaison**
 - Diameter outer, mm : 40 (at least)
 - Thickness, mm : 1.2 (at least)
 - Pipe length, mm : 1800 (at least)
 - Amount, btg : 12
 - d. Pipe Arch Roof Frame**
 - Diameter outer, mm : 40 (at least)
 - Thickness, mm : 1.2 (at least)
 - Pipe length, mm : 2800 (at least)
 - Amount, bars : 21
 - e. Pipe Roof Liaison**
 - Diameter outer, mm : 40 (at least)
 - Thickness, mm : 1.2 (at least)
 - Pipe length, mm : 1900 (at least)
 - Amount, bars : 42
 - f. Model L Connector (Sidestrip)**
 - Diameter outer, mm : 45 (at least)
 - Thickness, mm : 1.2 (at least)
 - Pipe length Whole, mm : 400 (at least)
 - Pipe length outer, mm : 100 X 2 (at least)
 - Pipe length in, mm : 100 X 2 (at least)
 - Amount, pretentious : 4
 - g. Model T Connectors**
 - Diameter outer, mm : 45 (at least)
 - Thickness, mm : 1.2 (at least)
 - Pipe length Whole, mm : 600 (at least)
 - Pipe length outer, mm : 100 X 3 (at least)
 - Pipe length in, mm : 100 X 3 (at least)
 - Amount, pretentious : 6
 - h. Model Y Connector Edge Roof Frame (Threepot)**
 - Diameter outer, mm : 40 (at least)
 - Thickness, mm : 1.2 (at least)
 - Pipe length Whole, mm : 900 (at least)
 - Pipe length outer, mm : 100 X 4 (at least)



- o Pipe length in, mm : 100 X 3 (at least)
- o Amount, pretentious : 4

i. Middle roof frame (Foot Four)

- o Diameter outer, mm : 40 (at least)
- o Thickness, mm : 1.2 (at least)
- o Pipe length Whole, mm : 900 (at least)
- o Pipe length outer, mm : 100 X 4 (at least)
- o Pipe length in, mm : 100 X 3 (at least)
- o Amount, pretentious : 10

IRON PEGS

- Model : fishing
- Basic ingredients : Iron Betoneser
- Basic form : Round
- Construction
 - a. Diameter, mm : 8 (at least)
 - b. Length, mm : 300 (at least)
 - c. Sections bend to the tip of the fishing line, mm: 50 (at least)
 - d. Parts that straight : 250

Model U

- Basic ingredients : Iron Betoneser
- Construction : Round
 - a. Diameter, mm : 12 (at least)
 - b. Length, mm : 500 (at least)
 - c. Sections bend to the tip of the fishing line, mm :10 (at least)
 - d. Parts that straight : 400 (at least)

LETTER D

- Basic ingredients : Iron
- Improvement : Pernekel
- Construction : Diameter outer, mm : 20

ZIPPER

- Basic Ingredients : Polyester 100%
- Length, mm : 220 x 4
- Width, mm : 30
- Number : 30

ZIPPER HEAD

- Basic Ingredients : Iron
- Color : Black
- Finishing Metal : Pernekel
- Number : 10

MAIN MAST REINFORCEMENT WEBBING TAPE

- Tape Construction reinforcement
 - a. Basic ingredients : 100% Polyester
 - b. Width, mm : min 40
 - c. Color : Black
 - d. Equipped with a tracker to adjust the tension of the webbing tape.



BULKHEAD TENT

1. BULKHEAD TENT (For RH and GBV Tent) *

- Material : PVC Asian Power 550gsm
- Size of Wall bulkhead : 300cm x 200cm (10 pc)
- Distance Bulkhead : Every 200cm, equipped with a steel sling rope (4-6mm) to hang the tent divider
- Equipped with a zipper to open and close the bulkhead door.

2. BULKHEAD TENT (For High-risk pregnancy women Tent) *

- Material : parachute polyester waterproof coating spray
- Size of Wall bulkhead : 250cm x 200cm
- Bulkhead door size : 200cm x 200cm
- Distance Bulkhead : Every 200cm,
- Equipped with a steel sling rope (4-6mm) to hang the wall bulkhead and door bulkhead.
- Equipped with a zipper to open and close the bulkhead door.

ROOFING POLE REINFORCEMENT WEBBING TAPE

- Ribbon Construction reinforcement
- Basic ingredients : Polyester 100%
- Width, mm : min 40
- Colour : Black

SEWING THREAD

- Sewing Thread No. 24
 - Basic ingredients: Nylon 100%
 - Thread number : 24
 - Colour : Black

SEWING TECHNIQUES

- Using anti-water seepage chemicals: Closing stitch marks with silicone liquid Compounds with fabrics
- Tailoring with Neat and Strong Techniques (SNI/Military Standard: Using a Special Sewing Machine for thick stitches.
- Density, Distance and Strength of Stitches: Code Item 11244-3021
- Stitches according to Military Standards : Chapter I. How To make NO.17 about C Workmanship about the provisions of the Seam:
 1. Suture density is 4 punctures or 3 curvatures per cm.
 2. The seam must be straight, the tension between the upper sewing thread and the lower sewing thread is balanced and there must be no jumping or stacking.

WELDING TECHNIQUES

- Quality Standards : Full circumference of pipe welding.
- Splicing Durability and Strength : Welding feed uses a special metal mixture so that it penetrates deep. and stronger and does not break easily or loose.

PAINTING TECHNIQUES

- Quality Standards : Anti-rust by washing using special chemicals.
- Paint Durability and Quality : Not easy to peel off because it uses Thinner A special.
- Painting Technology : Using Spray gun and Compressor to paint more attached to pipes.

PEDESTAL TENT

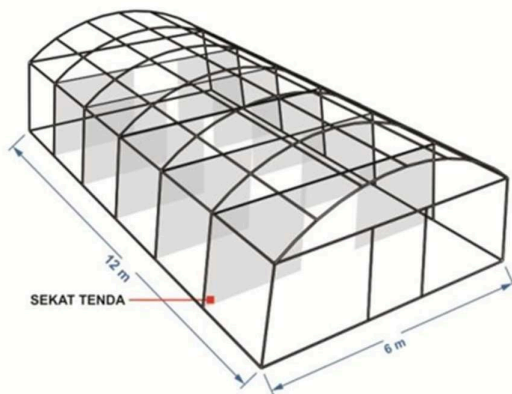
- Using materials : Plastic sheeting size 6 m x 12 m

PACKING

- consists of 2 (two) boxes / crates pecking packaging for tent leaves and tent frames
- made from wood that is strong and does not rot easily and there is distance for loading and unloading using a forklift.
- Minimum size 5 mm plywood for crate walls and 5x10cm beams for crate frame
- Each box is given a crate label containing information, institutional logo, PO number, Tent Name, year of production, list of contents of the crate box
- There is a Strap Adjuster for tightening.
- Consists of 4-7 parts for 1 tent set and indicated with color for connection and packaging set number.
- Length, cm : + 213
- Width, cm : + 50
- Height, cm : + 60

BOOK (MANUAL) AND INSTALLATION INSTRUCTION VIDEO:

- Instructions for installing and unloading tents and
- how to storage and maintenance instructions
- Video An example of tent installation is preferred.



LOT 2

MINIMUM TECHNICAL SPECIFICATION for MIDWIFERY TENT GUARDIAN 8P TENTS

GUARDIAN 8P TENTS or equivalent:

Guardian 8P is a camping tent that has two rooms with a partition that can accommodate 8 people.

- Fiberglass and steel frame poles
- Mesh roof panels
- Window with large zip opening for ventilation.
- Two entrances with mosquito nets (nets to keep mosquitoes out)
- Two bedrooms with a maximum capacity of up to 8 people
- Seam tape serves to cover the seams on the tent so that it can withstand the entry of water when it rains.
- Equipped with a practical bag to store this product when taken on the go
- Weight : 12.60
- Type : Camping Tent
- Activity : Mountaineering
- Gender : Male/Female
- Material : Fly: Polyester 2000mm, Inner: Polyester 2000mm, Floor: PE Sheet,
Pole: Fiberglass + Steel Pole
- Dimension: 270 x 390 x 200

Manual and video for installation:

- Manual to install and uninstall (video is preferred)
- Manual for storing and maintenance.





LOT 1

SPESIFIKASI TEKNIS MINIMUM TENDA SUB KLASTER KBG DAN TENDA IBU HAMIL BERISIKO TINGGI (UKURAN 6X12 METER)

*Spesifikasi yang sama seperti di bawah ini, perbedaan hanya pada logo dan sekat tenda**

TENDA

- Bahan tenda : Filament polyester 100%
- Bagian luar : Warna putih
- Bagian dalam : Warna abu-abu / biru tua
- Teknik Pelapisan : *Triple Coating, Coating Layer* Harus Berfungsi sebagai tahanan air dan anti jamur.

BAHAN PELAPIS KIMIA

- Memiliki Sertifikat : Sistem Manajemen Mutu ISO 9001-2008/OEKO TEX
- Jenis benang polyester : 100% 450 D
- Bahan baku benang : Baru dan tidak didaur ulang (Grade A)
- Finishing Benang : Dengan Standar Militer / SNI, menggunakan sistem twist (putaran), Ringan tapi kuat.

PLAFON TENDA

- Bahan Plafon : Satin polyester, Plafon tenda penuh

Cetak logo diatas pintu masuk depan dan belakang (estimasi ukuran per logo 100 cm x 40 cm)*

- Logo KPPPA – UNFPA (2 tenda KGB sub klaster)
- Logo Kemenkes – UNFPA (5 tenda Ibu Hamil Beresiko tinggi)

RANGKA TENDA

- Bahan dasar : Pipa Besi Hitam atau sejenisnya dan anti karat
- Ketahanan terhadap guncangan dan beban : Tidak mudah retak / pecah.
- Bentuk Pipa : Pipa tidak bertulang
- Kontruksi

a. Tiang utama : Pipa

- Diameter dalam, mm : 45 (min)
- Ketebalan, mm : 1.2 (min)
- Pipa panjang (tiang utama) mm : 1800 (min)
- Jumlah, bar 14

b. Pipa Landasan

- Diameter luar, mm : 45 (min)
- Ketebalan, mm : 1.2 (min)
- Panjang pipa, mm : 1800 (min)
- Jumlah, bar 12

c. Penghubung Tiang Utama Pipa

- Diameter luar, mm : 40 (min)
- Ketebalan, mm : 1.2 (min)
- Panjang pipa, mm : 1800 (min)
- Jumlah, btg 12



d. Rangka Atap Lengkung Pipa

- Diameter luar, mm : 40 (min)
- Ketebalan, mm : 1.2 (min)
- Panjang pipa, mm : 2800 (min)
- Jumlah, bar: 21

e. Penghubung Atap Pipa

- Diameter luar, mm : 40 (min)
- Ketebalan, mm : 1.2 (min)
- Panjang pipa, mm : 1900 (min)
- Jumlah, bar 42

f. Konektor Model L (Sidestrip)

- Diameter luar, mm : 45 (min)
- Ketebalan, mm : 1.2 (min)
- Panjang pipa Utuh, mm : 400 (min)
- Panjang pipa luar, mm : 100 X 2 (min)
- Panjang pipa dalam, mm: 100 X 2 (min)
- Jumlah, sok 4

g. Konektor Model T

- Diameter luar, mm : 45 (min)
- Ketebalan, mm : 1.2 (min)
- Panjang pipa Utuh, mm : 600 (min)
- Panjang pipa luar, mm : 100 X 3 (min)
- Panjang pipa masuk, mm: 100 X 3 (min)
- Jumlah, sok 6

h. Rangka Atap Ujung Konektor Model Y (Threepot)

- Diameter luar, mm : 40 (min)
- Ketebalan, mm : 1.2 (min)
- Panjang pipa Utuh, mm : 900 (min)
- Panjang pipa luar, mm : 100 X 4 (min)
- Panjang pipa masuk, mm: 100 X 3 (min)
- Jumlah, sok 4

i. Rangka atap tengah (Kaki Empat)

- Diameter luar, mm : 40 (min)
- Ketebalan, mm : 1.2 (min)
- Panjang pipa Utuh, mm : 900 (min)
- Panjang pipa luar, mm : 100 X 4 (min)
- Panjang pipa masuk, mm: 100 X 3 (min)
- Jumlah, sok 10

PASAK/PATOK BESI

- Model Pancing
- Bahan dasar : Besi Betoneser
- Bentuk dasar : Bulat
- Konstruksi
 - a. Diameter, mm : 8 (min)
 - b. Panjang, mm : 300 (min)
 - c. Bagian menekuk ke ujung pancing, mm : 50 (min)
 - d. Bagian yang lurus : 250 (min)



Model U

- Bahan dasar : Besi Betoneser
- Konstruksi : Round
 - a. Diameter, mm : 12 (min)
 - b. Panjang, mm : 500 (min)
 - c. Bagian-bagiannya ditekuk ke arah ujung pancing, mm :10 (min)
 - d. Bagian yang lurus : 400 (min)

LETTER D

- Bahan Dasar : Besi
- Penyempurnaan : Pernekel
- Konstruksi : Diameter outer, mm : 20

RETSLETING

- Bahan Dasar : Polyester 100%
- Panjang, mm : 220 x 4 (min)
- Lebar, mm : 30 (min)
- Nomor : 30

KEPALA RESLETING

- Bahan Dasar : Besi
- Warna : Hitam
- Finishing logam : Pernekel
- Nomor : 10

PITA WEBBING PENGUATAN TIANG UTAMA

- Pita penguat konstruksi
 - a. Bahan dasar : 100% Polyester
 - b. Lebar, mm : 40 (min)
 - c. Warna : Hitam
 - d. Dilengkapi dengan *tracker* untuk mengatur ketegangan pita anyaman (*webbing tape*).

SEKAT TENDA*

1. SEKAT TENDA Untuk Tenda sub klaster RH dan KGB*

- Bahan : PVC Asian Power 550gsm
- Ukuran Sekat dinding : 300cm x 200cm (10 lembar)
- Jarak antar Sekat : Setiap 200cm,
- Dilengkapi dengan kawat baja (ukuran 4-6mm) untuk menggantungkan sekat tenda

2. SEKAT TENDA UNTUK TENDA IBU HAMIL BERESIKO TINGGI*

- Bahan : poliester parasut, semprotan pelapis tahan air
- Ukuran Sekat dinding : 250cm x 200cm
- Ukuran Sekat pintu : 200cm x 200cm
- Jarak antar sekat : setiap 200cm,
- Dilengkapi tali sling baja (ukuran 4-6mm) untuk menggantung sekat dinding dan sekat pintu.
- Dilengkapi resleting untuk membuka dan menutup pintu sekat.



PITA WEBBING PENGUAT TIANG ATAP

- Pita penguat konstruksi
- Bahan : Polyester 100%
- Lebar, mm : 40 (min)
- Warna : Hitam

BENANG JAHIT

- Sewing Thread No. 24
- Bahan dasar : Nylon 100%
- Nomor benang : 24
- Warna : Hitam

TEHNIS JAHIT

- Memakai Chemical anti rembesan air: Menutup bekas jahitan dengan cairan silikon yang menyawa dengan kain
- Penjahitan dengan Teknik rapi dan kuat (Standard SNI/Militer) : Menggunakan Mesin Jahit Khusus untuk jahitan tebal
- Kerapatan, Jarak dan Kekuatan Jahitan : Kode Barang 11244-3021
- Jahitan sesuai Standar Militer : Bab I Cara pembuatan NO.17 tentang Pengerjaan Huruf C tentang ketentuan Jahitan:
 - 1 Kerapatan Jahitan adalah 4 tusukan atau 3 lengkungan tiap cm.
 - 2 Jahitan harus lurus, tegangan antara benang jahit atas dan benang jahit bawah seimbang dan tidak boleh terdapat loncatan maupun penumpukan.

TEHNIS PENGELASAN

- Standar Kualitas : Pengelasan pipa secara keliling penuh.
- Ketahanan dan Kekuatan Penyambungan : Pakan Las memakai campuran logam khusus sehingga meresap kedalam dan lebih kuat, serta tidak mudah patah atau lepas.

TEHNIS PENGECATAN

- Standar Kualitas : Anti karat dengan pencucian memakai chemical khusus.
- Ketahanan dan Kualitas Cat : Tidak mudah mengelupas karena menggunakan Thinner A Special.
- Teknologi Pengecatan : Menggunakan *Spray gun* dan Kompresor sehingga cat lebih melekat ke pipa.

ALAS TENDA

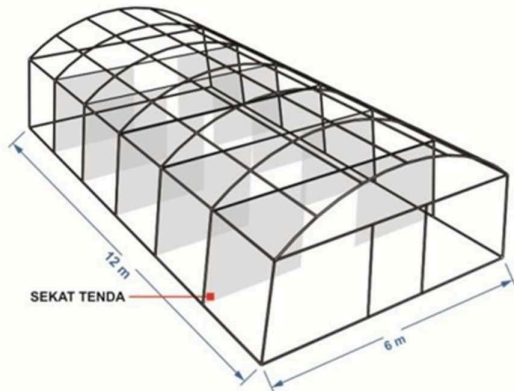
- Material : Terpal plastik size 6 m x 12 m

PENGEMASAN

- terdiri dari ada 2 (dua) bh Kotak/peti packing kemasan untuk tenda dan rangka tenda.
- berbahan kayu yang kuat dan tidak mudah lapuk dan ada jarak untuk bongkar muat menggunakan forklift.
- Triplek min ukuran 5 mm untuk dinding peti dan balok ukuran 5x10cm untuk rangka peti
- Masing-masing box diberikan label peti yang berisikan informasi, logo lembaga, no PO, Nama Tenda, tahun produksi, daftar isi kotak peti
- Terdapat Strap Adjuster untuk pengencangan
- Terdiri dari 4-7 bagian untuk 1 set tenda dan terindikasi dengan warna untuk sambungan dan nomor set kemasan
- Panjang, cm : + 213
- Lebar, cm : + 50
- Tinggi, cm : + 60

BUKU (MANUAL) DAN VIDEO PETUNJUK PEMASANGAN:

- Petunjuk bongkar pasang tenda dan cara
- Bagaimana cara untuk penyimpanan dan instruksi perawatan
- Video contoh pemasangan tenda (lebih disukai)



LOT 2

SPEKIFIKASI TEKNIS MINIMAL TENDA KEBIDANAN TENDA WALI 8P

TENDA GUARDIAN 8P atau yang setara:

Guardian 8P merupakan tenda camping yang memiliki dua ruangan dengan sekat yang mampu menampung 8 orang.

- Tiang rangka fiberglass dan baja
- Panel atap jaring
- Jendela dengan bukaan resleting besar untuk ventilasi.
- Dua pintu masuk dengan kelambu (kelambu untuk mengusir nyamuk)
- Dua kamar tidur dengan kapasitas maksimal hingga 8 orang
- Seam tape berfungsi untuk menutup jahitan pada tenda sehingga mampu menahan masuknya air saat hujan.
- Dilengkapi dengan tas praktis untuk menyimpan produk ini saat dibawa bepergian
- Berat: 12,60
- Tipe : Tenda Kemah
- Aktivitas : Mendaki Gunung
- Jenis Kelamin: Pria/Wanita
- Bahan: Fly : Polyester 2000mm, Inner : Polyester 2000mm, Floor : PE Sheet, Pole : Fiberglass + Steel Pole
- Dimension: 270 x 390 x 200

Manual dan video untuk instalasi:

- Panduan untuk menginstal dan menghapus instalasi (video lebih disukai)
- Manual untuk penyimpanan dan pemeliharaan.

