



UNHCR

United Nations High Commissioner for Refugees
Haut Commissariat des Nations Unies pour les réfugiés

UKRKI/ITB/2022-025

ANNEX A2 – Items’ Technical Specifications

A. QUANTITY OF PRODUCTS

SN #	MATERIAL Description	Measurement Unit	*Total Quantity
1.1	Timber batten 25x100x20000mm (incl antiseptic treatment)	pcs	5,000,000
1.2	Timber Lath 20x25x2000 mm (incl antiseptic treatment)	pcs	5,000,000
1.3	OSB 2500x1200x10mm	Pcs (sheet)	250,000
2.1	Nails for battens (60 x 2.5)	kg	25,000
2.2	Nails for lath (20 x 1,2)	kg	12,500
2.3	Screws for wood (4.8 x 100mm, 10 pcs per box)	Pieces, 10 pcs per box	500,000
3.1	Transparent plastic sheet 100 micron	Sqm	7,500,000
3.2	Mounting foam (850 ml bottle)	pcs	250,000
3.3	Tape, adhesive (40micron, 45mm x 100m)	pcs	250,000

*The total quantity stated in the above table is for 250,000 kits and it is for the entire proposed duration of the contract of 1+1 years. Please note that quantities of goods stated are to enable bidders to have an indication of the projected requirements. **It does not represent a commitment that UNHCR will purchase the above indicated quantity. Quantities may vary and will depend on the actual requirements and funds available** regulated by issuance of individual Purchase Orders against the Frame Agreement. In this regard, please indicate prices that will be effective regardless of the ordered volume of goods. Please also note that UNHCR does not set or commits to any minimum order quantity.

Each bidder may choose to bid for any lot or for all lots ensuring its ability to provide requested goods delivered to UNHCR Kyiv WH as well as UNHCR Lviv WH. Only complete Lots (with all the comprised set of items) will be considered. Partial Lots will not be considered for award.

UNHCR will only accept items with the exact same specifications as stated below.

If an awarded bidder in their bid confirm that they would deliver the items as per the below specifications, but during the implementation of the frame agreement they cannot deliver the awarded items with the exact same specifications as stated below, such deliveries will be rejected without any



UNHCR

United Nations High Commissioner for Refugees
Haut Commissariat des Nations Unies pour les réfugiés

financial compensation to the awarded bidder; if the awarded bidder repeatedly (3 times) fails to deliver the awarded items with the exact same specifications as stated below, the frame agreement will be terminated.

B. SPECIFICATIONS

Lot 1

1.1 Roofing Battens

Size: 25mm x 100mm with length of 2,000mm

Material: Pin of Fir tree;

Quality of drying/humidity: CAT III/No more than 15%;

Strength class/standard: Class C 18 according to MG B 52001;

Antibacterial treatment: YES;

Deviation size (for IT grade), corresponding GOST 25346-89: IT (13-17);

Compliance with radiological control certificate: YES;

The Normative content of CS 137 Bq/Kg – no more than: 740;

The activity of CS-137 Bq/Kg – no more than: 5;

The Certificate of Origin of Wood: Mandatory

1.2 Wooden Lath

Size: 20mm x 25mm x 2,000mm

Material: Pin of Fir tree;

Quality of drying/humidity: CAT III/No more than 15%;

Strength class/standard: Class C 18 according to MG B 52001;

Antibacterial treatment: YES;

Deviation size (for IT grade), corresponding GOST 25346-89: IT (13-17);

Compliance with radiological control certificate: YES;

The Normative content of CS 137 Bq/Kg – no more than: 740;

The activity of CS-137 Bq/Kg – no more than: 5;

The Certificate of Origin of Wood: Mandatory;

1.3 Oriented Strand Boards (OSB)

**UNHCR**United Nations High Commissioner for Refugees
Haut Commissariat des Nations Unies pour les réfugiés

Standards:

1. ISO EN 12369-1:2008, Wood Boards. Characteristic values for use in structures. Part 1: Oriented stand boards (OSB), wood and wood fiber (EN 12369-1: 2001, IDT)
2. ISO EN 300: 2008 Oriented stand boards (OSB)

Size: 250 x 125 x 10 mm

Board thickness: 10 mm

No.#	Properties	Unit of measure	Number
1	Tensile strength in bending along the main axis of the plate	N/mm ²	20
2	Tensile strength when bending the minor axis	N/mm ²	10
3	Tensile strength when stretching	N/mm ²	0.32
4	Modulus of elasticity in bending along the main axis	N/mm ²	3,500
5	Modulus of elasticity on bending minor axis	N/mm ²	1,400
6	Swelling in thickness in 24 hours	%	<15
7	Deviation from the normal dimension	mm	
	- Thickness (unpolished)		+/- 0.8
	- Length and Width		+/- 3.0
8	Deviations from straightness	mm/m	1.5
9	Deviations from square	mm/m	2.0
10	Moisture content	%	from 2 to 12
11	Deviations from the average density in the plate	%	-15
12	Formaldehyde discharge according to:		
	- The value of perforations:	mg/100g of dry board	emission class E1
	- The value of emission stability	mg/m ³	<8 <0.124
13	Density, no less than	mg/m ³	610
14	Board size (LxWxH)	mm	2,500 x 1,250 x 10
15	Class	minimum	OSB-3

Lot 2**2.1 Nails for Roofing Battens**

Size: 60mm x 2.5

2.2 Nails for wooden lath

Size: 20mm x 1.2mm

2.3 Screws for wood

Size: 4.8 x 100mm PH2 (10 pcs box)

Lot 3

3.1 Transparent plastic sheet

Size: 3 m x 50/100/150 m

Plastic thickness: min 100 micron

3.2 Mounting Foam

(Polystyrene Foam Insulation that resists water absorption)

Size: in a canisters of 850 ml

3.3 Tape

(40micron, 45mm x 100m)

C. PACKAGING, LABELLING FOR TRANSPORTATION

The bidder shall follow the below packaging for transportation and **packing unit (PU)** instructions.

EMERGENCY SHELTER KIT		
SHELTER KIT		
Item	no. of units in 1 kit	UOM
Battens 25x100x2000 mm	20	pcs
Lath 20x25x2000 mm	20	pcs
OSB 10 mm, 250 x 125 cm	1	sheet
Nails for battens 60 x 2,5	0.1	kg
Nails for lath 20 x 1,2	0.05	kg
Screws for wood 4.8 x 100mm (10 pcs per box)	20	pieces

PU quantity
200
200
100
1
0.5
200 (=10 boxes)



UNHCR

United Nations High Commissioner for Refugees
Haut Commissariat des Nations Unies pour les réfugiés

Transparent plastic sheet 100 micron	30	m2	300
Mounting foam 850 ml bottle	1	bottle	10
Tape 40micron, 100m x 45mm	1	pcs	10

- The weight and volume (dimensions/size) of each item PU shall specified in the technical offer.
- Each PU shall carry a label stating the content along with the Purchase Order number.

D. DELIVERY CAPACITY

Delivery capacity:

Lot 1: Bidders shall be able to deliver in 4 weeks all three (3) items in Lot 1 in the quantity sufficient for 10,000 kits.

Lot 2: Bidders shall be able to deliver in 4 weeks all three (3) items in Lot 2 in the quantity sufficient for 10,000 kits

Lot 3: Bidders shall be able to deliver in 4 weeks all three (3) items in Lot 3 in the quantity sufficient for 10,000 kits

UNHCR will try to consolidate the requirements to be ordered: please note that up to 20% of the estimated quantity of 250,000 kits might be purchased with each purchase order.