

ANNEX A – Bill of Quantity (BOQ) & Terms of Reference (TOR) & Specifics

RFP/HCR/DFO/2022/001

The specified job is all provisional, including provision of materials and workmanship, providing water and electricity for the implementation and all other requirements to implement the job perfectly. The bidder must visit the site prior to submission of bid documents. The cost of this item should be included /imbedded in the other items. Rate quoted in BOQ shall include full cost of labor, materials, transportation to site and all other costs necessary to completion and instruction given by the site Engineer.

No.	DESCRIPTION	UNIT	QTY
1	MOBILIZATION / SITE CLEARANCE		
1. 1	Mobilization of labor/containers and cleaning the site after completion of the Job and before final handover.	Job	1
2	PREFABRICATED CONTAINER		
2. 1	<p>Supply of prefab container unit with meters 10.00 L, 3.25 W and 2.60 H consist of two(02) stories, include four (04) rooms, with partition in between, Materials of:</p> <p>1- Roof:40mm shaped sandwich panel (Polystyrene insulation panels) 2- Walls:40mm shaped sandwich panel (Polystyrene insulation panels) 3- Floor: 17mm waterproof plywood covered with 1.5mm vinyl sheet flooring (no joints one peace cut) 4- Door: 4 PVC panel doors (as shows with drawings)(with auto closer) 5- steel stair with terrace (as shows with drawings) 6- windows:4 PVC windows (as shows with drawings) 7- Electrical fittings: Main distribution board with main fuse / 16 LED lights (22WATT) / 16 sockets (13A) / switches</p> <p>Please refer to specification tap for full details Rate include transportation and installation to final location. Contract Must submit the product description/sample prior to manufacture.</p>	LS	3
2. 2	<p>Supply of prefab container unit with meters 10.00 L, 6.00 W and 2.60 H consist of two(02) stories, include four (04) rooms, with partition in between (upper floor only) Materials of:</p> <p>1- Roof:40mm shaped sandwich panel (Polystyrene insulation panels) 2- Walls:40mm shaped sandwich panel (Polystyrene insulation panels) 3- Floor: 17mm waterproof plywood covered with 1.5mm vinyl sheet flooring (no joints one peace cut) 4- Door: 6 PVC panel doors (as shows with drawings)(with auto closer) 5- steel stair with terrace (as shows with drawings) 6- windows:8 PVC windows (as shows with drawings) 7- Electrical fittings: Main distribution board with main fuse / 34 LED lights (22WATT) / 24 sockets (13A) / switches</p> <p>Please refer to specification tap for full details Rate include transportation and installation to final location. Contract Must submit the product description/sample prior to manufacture.</p>	LS	1
2. 5	Supply and fabrication of Roof shad with MS pipe frame and CGI sheeting overhead on each unit. 20cm overhang on each side, 25cm at front elevation and 25cm at back	M²	190
3	ELECTRICAL SUPPLY & EQUIPMENT'S		
3. 1	Supply and installation of Main distribution board with main fuse for each container connected to main power line by protected cable, rate include wires/connections to office main line.	LS	1
4	HAVC		

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Rate include for supplying, fixing, installation units of approved quality, wiring, power points and switches, etc.			
4.2	Supply and installation of Air condition 18.000 BTU split inverter type (preferred LG Inverter) rate includes all connections, wires complete Contract Must submit the product description/sample prior to purchase	No.	16
4.3	Supply and installation of Air condition 24.000 BTU split inverter type (preferred LG Inverter) rate includes all connections, wires complete Contract Must submit the product description/sample prior to purchase	No.	2
5	UNSEEN		
5.1	Miscellaneous (unseen works 1.0%)	LS	1

KEYS:

C/S: CEMENT/SAND MIX

1:2: MIX RATIO

LS: LUM SUM

No.: Number

M²: METER SQUARE

M³: METER CUBE

conc: concrete mix 1:2:4

R.conc.: Reinforced concrete mix 1:2:4

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Terms of Reference

1. The contractor shall submit samples / description / specification of the materials to be used in the project to the UNHCR supervisor engineer, for approval, before commencement of works. The supervisor engineer can reject any material that will not comply with the specifications, and replaced by the contractor without extra cost, or the supervisor engineer can ask for any test to ensure the quality of the material used and work. The contractor has no right to change or draw any samples or materials being submitted and approved from site without written permission from the supervisor engineer
2. The contractor should visit the sites before submitting the offer and get acquainted with the type of works required, the nature of the area, securing of supplying materials to site and to keep them stored safely.
3. Quantities mentioned in the bills of quantities are approximate and could be increased or decreased by 10% of the contract amount; payments will be made based on actual executed quantities and quoted rates after approval from UNHCR office in Sudan
4. Work should be completed within period of **(30)** days, **thirty** calendar days.
5. The contractor shall commence working within **(7)** seven calendar days from the date of signature of the contract and delivering the site.
6. After completion of works, a guarantee period of six **(6)** calendar months will apply.
7. The contractor shall appoint a qualified supervisor construction engineer with at least three years of professional experience to work full time on the site during the contract period.

8- Please refer to project TOR

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SPECIFICS

FLOOR	System	Specially Shaped profile and bolted joint construction in use. The product must be placed on a flat and stable surface.
	Floor coating	1,5 mm thick PVC vinyl are used on 17 mm thick plywood
	Ground Connection	Stated values for wind resistance are valid on the condition that the cabin is fixed to the ground. The fixing process is responsibility of the customer. Precon will not be responsible for any situation that may occur due to not fixing the cabin to the ground.
WALLS	System	Specially shaped sandwich panel with Polyurethane insulation.
	Outer Surface Covering	Ral 9002 electrostatic painted steel sheet.
	Inner Surface Covering	Ral 9002 electrostatic painted steel sheet.
	Wall Insulation	Produced with 40mm thick 40kg/m ³ Polyurethane D0 & B fire class fire resistant, full thermal insulation, health and safety materials.
ROOF	Roof System	Special shaped clamped (grooved seam) Polyurethane sandwich panels. Rain water will be drained through special clamping system.
	Roof Insulation	Produced with 40mm thick 40kg/m ³ Polyurethane D0 & B fire class fire resistant, full thermal insulation, healthy and safe materials.
	Outer Surface Coating	Ral 9002 electrostatic painted steel sheet.
	Inner Surface Covering	Ral 9002 electrostatic painted steel sheet.
DOORS	External door	PVC is used on the doors sill of the inside edge.
	Internal Door	PVC is used on the doors sill of the inside edge.
WINDOWS	Window	100x120 cm PVC window. Windows are single wing.
	Sill	PVC is used on the window sill of the inside edge.
	Glass	Single glazing glass 5mm thickness
PAINTING	Exterior and Interior	Ral 9002 electrostatic painted steel sheet.
	Metal Parts	Ral 5018 electrostatic painted steel sheet.