

ANNEX A - Bill of Quantities

PROJECT: UNHCR CO RENOVATION - MAIN RECEPTION / CORRIDORS / OFFICES / STORE & SUPPLY AND INSTALLATION OF NEW TWO (02) OFFICE PREFAB CONTAINERS (SIZE: 10.00X3.25 + 7.00X3.25)

LOCATION: KHARTOUM - KHARTOUM STATE

The specified job are 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.

No.	DESCRIPTION	UNIT	QTY	RATE USD	AMOUNT USD
1	MOBILIZATION / SITE CLEARANCE				
The contractor shall exercise due care to avoid damages to existing structure and facilities					
1.1	Mobilization of labor, mobile workshop to be used for fixing maintaining and repairing of any kind of work such as steel, carpentry ...etc. / Clearing the site after completing the whole Job and before handover.	Job	1		
MAIN RECEPTION					
2	PAINT WORK				
2.1	Supply and Apply quick drying prime (suitable for interior walls) two (02) coats to make the surface of walls adhesive to receive new paint.	M ²	80		
2.2	Supply and Apply paint (suitable for interior walls) 2 layers of paint (off-white color) for internal walls, <u>washable - silk type</u> , rate includes all materials and related works	M ²	80		
3	FLOORS				
3.1	Remove existing damaged /old tiles of selected area, and prepare floors for new tiles work.	LS	1		
3.2	Supply and fix Porcelain floor tiles 60X60 cm/or approved size, selected color, with C/S mortar 1:8. <u>contract should submit the product description/sample prior to purchase, rate include all related materials and floor works</u>	M ²	72		
3.3	Ditto but for skirting, design/color to match floor tiles design, 10 cm height.	ML	28		
OFFICE / CORRIDORS					
4	PAINT WORK				
4.1	Supply and Apply paint (suitable for interior walls) 2 layers of paint (off-white color) for internal walls, <u>washable type - silk or similar</u> , rate includes all materials and related works	M ²	430		
5	FLOORS				
5.1	Remove existing damaged /old tiles of selected area, and prepare floors for new tiles work.	LS	1		
5.2	Supply and fix Porcelain floor tiles 60X60 cm/or approved size, selected color, with C/S mortar 1:8. <u>contract should submit the product description/sample prior to purchase, rate include all related materials and floor works</u>	M ²	320		
5.3	Ditto but for skirting, design/color to match floor tiles design, 10 cm height.	ML	430		
STORES					
6	WALLS				
6.1	Rectify internal walls plaster defects, and fill visible cracks, with same plaster mix C/S 1:6, rate include materials and all related works	Job	1		

6.2	Supply and Apply paint (suitable for interior walls) 2 layers of paint (Off-white color) for internal walls, paint could be water base and weather proof/using brush paint.	M ²	40		
7	CEILING				
7.1	Removing of old wooden ceiling completely, move derbies away from site, prepare for new works	LS	1		
7.2	supply and installation of thermal insulation layer to internal ceiling 100mm thick insulation wool, fixed and lined with roof, Contract should submit the product description/sample prior to purchase	LS	1		
7.3	supply materials and repair roof top and water direction levels to insure water drainage and prevent rain water leakage, with bitumen layer 3mm / or polyethene sheet, Contract should submit the product description/sample prior to purchase	M ²	18		
7.4	Supply and fix false ceiling panels 60x60cm, on aluminum mesh, fix to walls by nails and hang in the roof rectangular steel pipe by tying cables, <u>contract should submit the product description/sample prior to purchase</u>	M ²	18		
8	FLOORS				
8.1	Remove existing damaged /old tiles of selected area, and prepare floors for new tiles work.	LS	1		
8.2	Supply and fix ceramic floor tiles 40X40 cm/or approved size, selected color, with C/S mortar 1:8. <u>contract should submit the product description/sample prior to purchase, rate include all related materials and floor works</u>	M ²	18		
9	STEEL DOORS				
9.1	Disassemble of selected doors, Rectifying old openings and plaster/smooth sill for new doors, rate to includes materials, change of power lines affected, labor and all related works, contractor shall exercise due care to avoid damages to walls / power lines / switches	LS	3		0
9.2	Supply materials, fabricate and fix 150X220 cm size steel secure double door, locally made, covered with 2 mm heavy steel double side; price includes steel frame and door, fixing with hinges, locking system, paint etc.	No.	2		0
9.3	Supply materials, fabricate and fix 320X240 cm size steel secure double door, locally made, 170 cm sliding panels with horizontal steel grills 2X4 cm, price includes steel frame, rail and door, fixing with hinges, locking system, paint etc.	No.	1		
9.4	Supply and Apply paint (suitable for exterior roof steel) 2 layers of paint (Blue color) for external steel, rate includes materials and related works	M ²	25		
10	ELECTRICAL SUPPLY & EQUIPMENT'S				
10.1	supply and installation of ceiling LED panel light, 90 WATT 60X60 cm false ceiling type, using 2.5mm wire approved quality, price to include the cost of lamps, wires, ducts, switches , labor and other miscellaneous. <u>Contract should submit the product description/sample prior to deliver</u>	No.	20		
10.2	Supply and installation of Air-conditioning: Air Condition window unit type, size 18,000 BTU O'GENERAL brand, rate include connections and switch, <u>Contract should submit the product description/sample prior to deliver</u>	No.	1		
10.3	supply and installation of optical smoke detector with sounder base, powered with batteries.	No.	6		
11	FINISHING				
11.1	Supply and fabricate collapsible metal shelves, size H 220cm,W 60cm divided to 3 levels, main frame made of steel and shelves made of painted solid wood, all painted with anti rust and white color paint.	ML	24		
12	UNSEEN				
unseen works					
12.1	Miscellaneous (1.0%)	LS	1		

SUPPLY AND INSTALLATION OF NEW TWO (02) OFFICE PREFAB CONTAINERS (SIZE: 10.00X3.25 + 7.00X3.25					
13	MOBILIZATION / SITE CLEARANCE				
13.1	Mobilization of labor/containers and cleaning the site after completing the Job and before final handover.	Job	1		
14	PRE-FABRICATED CONTAINER				
14.1	<p>Supply of prefab container unit with meters 10.00 L, 3.25 W and 2.60 H includes two rooms, with partition in between half-Glazed, 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: 3 PVC panel doors (as shows with drawings)(with auto closer) 5- windows:3 PVC windows (as shows with drawings) 6- Electrical fittings: Main distribution board with main fuse / 8 LED lights (22WATT) / 8 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		
14.2	<p>Supply of prefab container unit with meters 7.00 L, 3.25 W and 2.60 H includes two 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: 2 PVC panel doors (as shows with drawings)(with auto closer) 5- windows:2 PVC windows (as shows) (with horizontally steel grills) 6- Electrical fittings: Main distribution board with main fuse / 4 LED lights (22WATT) / 6 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		
14.3	Supply materials and cast footings total of 8, R.conc. mix 1:2:4, plastered /or smooth cast, 30X30X15 cm Height, and place container at designated location as shows with design and direction by engineer	job	2		
14.4	supply materials and cast cement steps, width of 2.0X0.15 Meter in front of doors	job	2		
14.5	Supply and fabrication of Roof shad with MS pipe frame and CGI sheeting overhead on each unit. 50cm overhang on each side, 50cm at front elevation and 25cm at back	M²	65		
15	ELECTRICAL SUPPLY & EQUIPMENT'S				
15.1	Supply and installation of Main distribution board with main fuse for each office connected to main switch by protected cable, rate includes all wires/connections to office	LS	2		
16	HAVC				
Rate include for supplying, fixing, installation units of approved quality, wiring, power points and switchesetc.					
16.1	Supply and installation of Air condition 12.000 BTU split inverter type (preferred LG Inverter) rate includes all connections, wires complete Contract Must submit the product description/sample prior to purchase	No.	1		
16.2	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.	2		
16.3	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.	1		
17	UNSEEN				
17.1	Miscellaneous (unseen works 1.0%)	LS	1		
					TOTALS (USD)

KEYS:

C/S: CEMENT/SAND MIX

1:2: MIX RATIO

LS: LUM SUM

M²: METER SQUARE

M³: METER CUBE

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Terms of Reference

1. The contractor shall submit samples / description / specification of the materials as specified in the details of the Boq 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 insure 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. 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.
- 5- **Please refer to project attached TOR**