

## UNHCR REPRESENTATION OFFICE - SUDAN

### ANNEX A - BILL OF QUANTITY

**PROJECT:** FOR REMODELING WORKS FOR THE NEW UNHCR WADI HALFA OFFICE, NORTHREN STATE - SUDAN

**LOCATION:** WADI HALFA - NORTHERN STATE

**DATE:** 13 May 2024

**REV:** 00

The bidder must visit the site prior to submission of bid documents. The cost of this should be included /imbedded in the other items.

No.	DESCRIPTION	UNIT	QTY	RATE USD	AMOUNT USD
<b>1</b>	<b>MOBILIZATION</b>				
1.1	Mobilization of labor, materials, mobile workshop to use for construction works	<b>JOB</b>	<b>1</b>		
<b>2</b>	<b>GUARDS RECEPTION PRE-FABRICATED OFFICE</b>				
2.1	<b>MODULE 1:</b> Supply of prefabricated container unit with meters <b>3.80 L, 3.80 W and 2.60 H</b> , Materials of: 1- Roof:40mm shaped sandwich panel (polytherene insulation panels) 2- Walls:40mm shaped sandwich panel (polytherene insulation panels) 3- Floor: 17mm waterproof plywood covered with 1.5mm vinyl sheet flooring (no joints one peace cut) 4 - Door: 1 PVC panel-half glazed door (as shows with drawings)(with auto closer) 5- windows:3 Aluminum windows with steel grills (as shows with drawings) 6- Electrical fittings: Main distribution board with main fuse / 2 LED lights (22WATT) / 3 sockets (13A) / switches. <u>Contract Must submit the product description/sample prior to manufacture.</u>	<b>LS</b>	<b>1</b>		
<b>3</b>	<b>NEW BLOCKS: GYM &amp; SERVICE ROOMS</b>				
<b>WALLS</b>					
3.1	Supply and fix gypsum boards partition, Width of <b>350</b> cm and height of <b>300</b> cm (close room) using aluminum sections for frame and gypsum boards for partitions 2 sides, high quality materials, price to includes fixing, scrapping, painting, etc.	<b>LS</b>	<b>2</b>		
3.2	Supply materials and build brick walls of blocks with C/S mortar (1:8) width of 20cm, including parapet where required, rate to include all related works	<b>M<sup>2</sup></b>	<b>220</b>		
3.3	Supply materials and cast reinforced concrete (1:2:4) with 4Ø12mm steel bars for tie beams <b>30x20</b> cm, rate to include form works, reinforced steel, and all related works	<b>M<sup>3</sup></b>	<b>4</b>		
3.4	Supply materials and plaster walls C/S mortar (1:6) for internal and external walls, rate includes walls corners, windows and doors sills plaster and all related works	<b>M<sup>2</sup></b>	<b>440</b>		
3.5	Supply materials and Apply paint, 2 layers of paint (off-white color) internal and external walls, rate includes all related works	<b>M<sup>2</sup></b>	<b>440</b>		
<b>ROOFS / CEILING</b>					
3.6	Supply and fix roof structure from rectangular steel pipes 10x5cm and 8x4cm for roof support grids, rate includes anti rust and final paint, fixing on the tie herons using all necessary accessories.	<b>M<sup>2</sup></b>	<b>80</b>		
3.7	Supply and fix a pre-painted corrugated steel sheets 0.35mm thick, rate includes fixing steel gutter, fixing on the purlins, trusses drilled nails with washer and all necessary accessories.	<b>M<sup>2</sup></b>	<b>80</b>		

3. 8	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., contract should submit the product description/sample prior to purchase	M <sup>2</sup>	80		
<b>FLOORS</b>					
3. 9	Provide and install Porcelain floor tiles <b>60X60</b> cm/or approved size, white/off-white color, with C/S mortar 1:8. <a href="#">contract should submit the product description/sample prior to purchase, rate include all related materials and works</a>	M <sup>2</sup>	60		
3. 10	Ditto but for skirting, design/color to match floor tiles design, <b>10</b> cm height.	ML	50		
<b>DOORS &amp; WINDOWS</b>					
3. 11	Supply and fix <b>100X220</b> cm size solid internal door, import made; price to include frame and door, fixing with hinges, locking system etc. <a href="#">Contract should submit the product description/sample prior to purchase</a>	No.	2		
3. 12	Supply and fix <b>120X220</b> cm size new aluminum double door, using aluminum for door and frame, high quality materials, price to include fixing with hinges, locking system, paint, etc.	No.	1		
3. 13	Supply and fix <b>95X220</b> cm size new aluminum door, using aluminum for door and frame, high quality materials, price to include fixing with hinges, locking system, paint, etc.	No.	3		
3. 14	Supply and fix <b>100X120</b> cm aluminum windows, using aluminum for windows and frame, high quality materials, price to includes fixing with hinges, locking system, paint, etc.	No.	5		
<b>HAVC</b>					
Rate include for supplying, fixing, installation units of approved quality, wiring, power points and switches .....etc.					
3. 15	Supply and installation of Air condition <b>18.000</b> BTU split inverter type (preferred LG Inverter) rate includes all connections, wires complete <a href="#">Contract Must submit the product description/sample prior to purchase</a>	No.	5		
3. 16	Supply and installation of Air condition <b>24.000</b> BTU split inverter type (preferred LG Inverter) rate includes all connections, wires complete <a href="#">Contract Must submit the product description/sample prior to purchase</a>	No.	2		
<b>ELECTRICAL SUPPLY &amp; EQUIPMENT'S</b>					
3. 17	Supply materials and wire new structures with internal pipes for electrical fittings, power points 13A, ceiling/wall lights, ceiling fans wires and light switches using 2.5mm,4MM for ACs wires of approved quality, rate include cost of wires, ducts, power points, switches, labor and connections to main distribution board	LS	1		
3. 18	Supply and installation of LED lamp, 24 watt circular type, of approved quality, ceiling type, rate include wires, switches and labor	No.	16		
3. 19	Supply and installation of LED lamp, 40 watt, 4FT of approved quality (preferred Philips or similar quality) wall type, rate include wires, switches and labor	No.	4		
3. 20	Supply and installation of <b>13A</b> socket of approved type	No.	10		
3. 21	Supply and installation of new Main distribution board with main switch, 3 phase of approved type, with complete set protect fuses and connection to main power lines.	LS	1		
<b>4 STEEL WORKS / SAFETY</b>					
4. 1	supply materials and fabricate side shade, frame made of rectangular steel pipes 4x8cm for grids, <b>1.0</b> Meters height clear, 30 cm in conc. Base, cover with non-transparent fiberglass sheets, complete job with anti-rust paint and final paint	ML	23		
4. 2	supply materials and fabricate waiting area steel shade <b>3.00X4.50</b> meter on frame made of rectangular steel pipes 5x10cm and 4x8cm for grids, on 3" steel pipes 3.0 Meter height clear, 50 cm in conc. base 1:2:4 roof of corrugated steel sheets, complete job with anti-rust paint and final paint	LS	1		

4. 3	supply materials and fabricate generator steel shade/cage with 2 Movable double leaf service doors, size of <b>4.50X5.00</b> meters on frame made of rectangular steel pipes 5x10cm and 4x8cm for grids, side cover with steel mesh, on 3" steel pipes 3 Meter height/50 cm conc. base, roof corrugated steel sheets 0.35mm thick (as shows with attached design) complete job with anti-rust paint and final paint	<b>LS</b>	<b>1</b>		
4. 4	Supply, and fix <b>130X220</b> cm size steel secure door, local made, frame made of heavy rectangular steel pipes 5x10cm and 4x8cm for grids, covered with <b>3</b> mm heavy steel double sides; price include steel frame and door, fixing with hinges, locking system, paint etc. as detailed design attached.	<b>No.</b>	<b>2</b>		
4. 5	Supply, and fix <b>110X220</b> cm size steel secure door, local made, frame made of heavy rectangular steel pipes 5x10cm and 4x8cm for grids, covered with <b>3</b> mm heavy steel double sides; price include steel frame and door, fixing with hinges, locking system, paint etc. as detailed design attached.	<b>No.</b>	<b>1</b>		
4. 6	Supply and fix <b>150X100</b> cm size reinforced steel sliding window for safe room, using heavy steel pipes for frame, covered with heavy steel sheet <b>2</b> mm thickness, price include fixing with strong hinges, locking system, locking bars, paint, etc.	<b>No.</b>	<b>2</b>		
<b>TOTAL</b>					<b>\$ -</b>

**KEYS:**

C/S: CEMENT/SAND MIX

1:2: MIX RATIO

LS: LUM SUM

M<sup>2</sup>: METER SQUARE

M<sup>3</sup>: METER CUBE

conc: concrete mix 1:2:4

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

**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 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.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 attached TOR**