

CORDAID - SOUTH SUDAN

Bill of Quantities - WAREHOUSE CONSTRUCTION- TORIT

SI No	Item No.	Description	Qty	Unit	Rate USD	Amount USD
<u>EW.01 EARTH-WORK</u>						
1	EW.01.01	Clearing and preparation of the site including cutting down and removal of top soil up to a depth of 150mm and disposed off as directed.	300	sq.m		
2	EW.01.02	Excavation of trenches for wall foundations up to 1.0m deep in any material except rock requiring blasting and removal of surplus as directed.	147.5	M3		
3	EW.01.03	Ditto: To bases of columns	8	M3		
4	EW.01.04	Filling of trenches, sides of foundations with selected excavated materials: ram and compact well	90	M3		
		EARTH-WORK- SUMMARY				
	<u>CW.02 PLAIN CONCRETE WORKS (PCC)</u>					
5	Cw.02.01	Providing and laying in position plain cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 40 mm nominal size) excluding the cost of centering and shuttering - bases of RCC footings	0.24	M3		
6	Cw.02.02	Providing and laying in position plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone 40 mm nominal size) excluding the cost of centering and shuttering - under Wall foundation pads	2.2	M3		
		PLAIN CONCRETE WORKS (PCC)- SUMMARY				
	<u>RC.03 REINFORCED CONCRETE (RCC)</u>					
7	RC.03.01	Providing & laying in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) excluding the cost of centering, shuttering and reinforcement - Footing, bases of columns etc..	6.4	M3		
8	RC.03.02	Providing & laying in position RCC work 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) . the cost of centering, shuttering and reinforcement- in columns, and ram	2.88	M3		
9	RC.03.03	Providing & laying in position RCC work 1:1.5:3 (1 cement :1.5 sand :3 graded crushed rock 20 mm nominal size) . the cost of centering, shuttering and reinf-in slabs, and Ram.	22	M3		

10	RC.03.04	Providing & laying in position RCC work 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size), the cost of centering, shuttering and reinforcement -in beams, lintels, bands, plain window sills.	5	M3		
		<u>REINFORCED CONCRETE (RCC)-SUMMARY</u>				
	<u>BW.04</u>	<u>BRICK MASONRY WORK</u>				
11	BW.04.01	Providing & laying first -Class Block work size (400mmx200mmx150mm) in foundation with 0.01m thick cement sand mortar of mix ratio 1: 4 including laying of hoop iron at interval of 1m height to give maximum strength to the brick work in case of deferential settlement	117	M2		
12	BW.04.02	Providing & laying first -Class Block work size (400mmx200mmx150mm) in superstructure above plinth level with cment mix ratio 1: 4 including laying of hoop iron at interval of 1m height to give maximum strength to the brick work in case of deferential settlement	179.00	M2		
13	BW.04.03	Providing & laying pointing on block work in external wall with cement mortar 1:3 - Ruled pointing	2.10	M2		
		<u>BRICK MASONRY WORK- SUMMARY</u>				
	<u>SW.05</u>	<u>STEEL WORK</u>				
		Rate to include for supplying, cleaning, cutting, bending, fabricating, placing and the provision of all necessary temporary fixings and supports etc. including binding wires, bends, hooks, tying wires, chairs, distance blocks, steel separators/spacers	Note			
14	SW.05.01	R8 mild steel reinforcement bars	312	m		
15	SW.05.02	High T12 reinforcement bars	502	m		
16	SW.05.03	Straining wire for all tying work	25	Kg		
		<u>STEEL WORK - SUMMARY</u>				
	<u>RW.06</u>	<u>ROOFING WORKS</u>				
		All, rivets, nails, clips, strips and delivering and fixing in position.	Note			
		All timber shall apply Priming backs & applying two coats of an approved wood preservative before fixing.	Note			
		All timber including plywood sheets shall have Final Finish; Two coat of wood preservative, two coats of primer, two coats of wood sheen spray paint.	Note			

17	RW.06.01	Providing and install certified 28-gauge pre painted corrugated galvanized iron sheet for roofing including ridge cup and the sheet should be overlap as illustrated on the roof drawing	204	M2		
18	RW.06.02	providing and install Ridge cup 28-gauge 3 meter long	17.6	m		
19	RW.06.03	50mmx150mm all Rafter members	82	m		
20	RW.06.04	50mmx100mm all struts	123	m		
21	RW.06.05	75mmx100mm purlin	267	m		
22	RW.06.06	50mmx75mm wall plate	51	m		
23	RW.06.07	50mmx 225mm faisal board	34	m		
		<u>ROOFING WORKS- SUMMARY</u>				
	<u>DW.07</u>	<u>WINDOW & DOOR COMPONENTS</u>				
23	W.07.01	Providing & fixing Window type W-A 150mmx1200mm double shutter with metallic frameas per drawing including all accessories, cornices and PCC sill - Complete	5	each		
24	W.07.02	Providing & fixing Window type W-A 100mmx1200mm double shutter with metallic frameas per drawing including all accessories, cornices and PCC sill - Complete	1	each		
25	D.07.03	Providing & fixing Door type D-A (250mmx260mm) tripple shutter with metallic frameas per drawing including all accessories, cornices and PCC sill - Complete	1	each		
26	D.07.04	Providing & fixing Door type D-A (100mmx260mm) single shutter with metallic frameas per drawing including all accessories, cornices and PCC sill - Complete	1	each		
		<u>WINDOW & DOOR COMPONENTS - SUMMARY</u>				
	<u>PL.08</u>	<u>PLASTER</u>				

27	PL.08.01	12mm thick cement sand plastering (1:4), finished smooth surface with steel float for the interior wall including cl, columns, grade beam, ring beam of the building and curing	113	sq.m		
		<u>PLASTER - SUMMARY</u>				
		Sub Total				
		5%% for contingency				
		TOTAL GRANT(USD)				