

BOQ FOR THE PROPOSED WOMEN CENTERS TO BE CONSTRUCTED IN KAJOKEJI AND MOROBO COUNTY, CENTRALEQUATORIA STATE, SOUTH SUDAN.						
S/No	ITEM	UNIT	QTY	RATE (USD)	AMOUNT (USD)	E. TOTAL (USD)
A	PRELIMINARIES	ls	0.10	-	-	-
B	SUB STRUCTURE					
	Clear site of all obstructions; veg, rocks, ant moulds and level and backfill.	m ²	600.00		-	-
	Cut top soil to depths ne 150mm deposit off the site.	M ³	10.97		-	-
	Excavate foundation trench depth n.e. 1.2m and deposit off the soil	M ³	27.29		-	-
	Ditto Splash apron	M ³	2.89		-	-
	Sub-total carried to summary				-	-
C	Concrete works					
	Strip concrete foundation	M ³	4.55		-	-
	Ditto Splash apron	M ³	2.17		-	-
	Ground beams	M ³	1.52		-	-
	Ring beams	M ³	1.52		-	-
	Window cills	M ³	0.10		-	-
	Sub-total carried to summary				-	-
D	Plinth wall of 600mm	M ²	45.48		-	-
	Ditto splash apron		12.84		-	-
	Backfill using selected soil and compact well to foundation.	M ³	25.27		-	-
	Ditto Splash apron	M ³	1.93		-	-
	Infill to floor area	M ³	9.15		-	-
	Ditto Splash apron	M ³	1.57		-	-
	Anti-termites solution in 1 litre tins	No	2.00		-	-
	Sub-total carried to summary				-	-
E	STEEL WORKS					
	Ground beams					
	Y-12	kg	145.00		-	-
	R-6	kg	44.00		-	-
	Binding wires	kg	5.00		-	-
	Ring beams					
	Y-12	No	145.00		-	-
	R-6	No	44.00		-	-
	Binding wires	kg	10.00		-	-
	Window sills					
	welded mesh of 5 mm dia.	kg	11.00		-	-
F	SUPER STRUCTURE					
	Use selected well moulded bricks on 200mm wall on mortar bed of mix 1:4	m ²	98.12		-	-
G	FITTINGS					
	Casement steel windows/doors					

	Fix Prefab steel doors and windows				
	D1 1000 x 2.400 complete	No	1.00		
	D2 900 x 2.400	No	2.00		
	Windows				
	W1 1500 X 1500	No	3.00		
	W2 1000 X 1500	No	2.00		
	Sub-total carried to summary				
H	FINISHES WORKS				
	Reveals to all openings made to the alignments of the walls and textures.	M	58.30		
	Skirting works	M	75.80		
	Sub-total carried to summary				
I	SAWN FORM WORKS & SCAFFS				
	Scaffolds	M	32.10		
	Ground beams	M ²	12.48		
	Ring beams	M ²	12.48		
	Soffits to the openings	M ²	2.02		
	Floor slab	M ²	2.97		
	Splash apron	M ²	2.41		
	Window cills	M ²	1.00		
J	ROOFING WORK				
	Roof covering works	M ²	104.99		
	Ditto ridge capping	M	24.20		
	Rafters and struts to the specified pitch	M	95.59		
	Wall plates to level and well jointed	M	26.30		
	Purlins with splayed and bailed joints	M	212.78		
	Approved joints for tie beams	M	66.00		
	Struts of 100x50 sawn wood	M	94.31		
	PKS soft wood fascia	M	32.10		
	Sub-total carried to summary				
K	FINISHINGS				
	Rendering and Plaster works to the external and internal wall surfaces	M ²	73.52		
	Floor screed				
	Floor screed to cast to n.e 50 mm thick and given wood float finish	m ³	45.70		
	Ditto 30 mm thick apron	m ²	19.26		
	Sub-total carried to summary				
L	PAINTING / DECORATION				
	All walls to be given a protective paint coat of emulsion or any				
	undercoat and finish with 3 coats of specified paint coating	M ²	196.24		
	Wall surface works	M ²	196.24		
	Girth ne 300 mm	M	58.30		

	Girth n.e 150	M	75.80			
	Sub-total carried to summary					-
M	TOTAL					-
	G. TOTAL					-
GATE HOUSE						
S/No	ITEM	UNIT	QTY	RATE (USD)	AMOUNT (USD)	E. TOTAL (USD)
A	PRELIMINARIES					
B	SUB STRUCTURE	ls	0.10	-	-	-
	Clear site of all obstructions; veg, rocks, ant moulds and level and backfill.	m ²	161.00		-	-
	Cut top soil to depths ne 150mm deposit off the site.	M ³	162.50		-	-
	Excavate foundation trench depth n.e. 1.2m and deposit off the soil	M ³	7.92		-	-
	Ditto Splash apron	M ³	1.02		-	-
	Sub-total carried to summary				-	-
C	Concrete works					
	Strip concrete foundation	M ³	1.32		-	-
	Ditto Splash apron	M ³	0.59		-	-
	Ground beams	M ³	0.44		-	-
	Ring beams	M ³	0.44		-	-
	Window cills	M ³	0.05		-	-
	Sub-total carried to summary				-	-
D	Plinth wall of 600mm	M ²	11.00			
	Ditto splash apron		2.48		-	-
	Backfill using selected soil and compact well to foundation.	M ³	7.33		-	-
	Ditto Splash apron	M ³	1.65		-	-
	Infill to floor area	M ³	2.25		-	-
	Ditto Splash apron	M ³	1.47		-	-
	Anti-termite solution in 1 litre tins	No	1.00		-	-
	Sub-total carried to summary				-	-
E	STEEL WORKS					
	Ground beams					
	Y-12	kg	44.00		-	-
	R-6	kg	16.00		-	-
	Binding wires	kg	5.00		-	-
	Ring beams					
	Y-12	No	44.00		-	-
	R-6	No	16.00		-	-
	Binding wires	kg	5.00		-	-
	Window sills					
	welded mesh of 5 mm dia.	kg	5.00		-	-
F	SUPER STRUCTURE					
	Use selected well moulded bricks on					
	200mm wall on mortar bed of					
	mix 1:4	m ²	23.20		-	-

G	FITTINGS					
	Casement steel windows/doors					
	Fix Prefab steel doors and windows					
	D1 900 x 2.000 complete	No	1.00			
	Windows					
	W1 1000 X 1000	No	2.00			
	Sub-total carried to summary					
H	FINISHES WORKS					
	Reveals to all openings made to the alignments of the walls and textures.	M	20.10			
	Skirting works					
	Sub-total carried to summary	M	22.00			
I	SAWN FORM WORKS & SCAFFS					
	Scaffolds					
	Ground beams	M	11.00			
		M ²	4.40			
	Ring beams					
	Soffits to the openings	M ²	4.40			
	Floor slab	M ²	0.72			
	Splash apron	M ²	1.10			
	Window cills	M ²	0.93			
		M ²	0.03			
J	ROOFING WORK					
	Roof covering works	M ²	11.10			
	Ditto ridge capping	M	-			
	Rafters and struts to the specified pitch	M	9.00			
	Wall plates to level and well jointed	M	6.00			
	Purlins with splayed and bailed joints	M	16.00			
	Approved joints for tie beams	M	9.00			
	Struts of 100x50 sawn wood	M	4.00			
	PKS soft wood fascia	M	12.40			
	Sub-total carried to summary					
K	FINISHINGS					
	Rendering and Plaster works to the external and internal wall surfaces	M ²	23.20			
	Floor screed					
	Floor screed to cast to n.e 50 mm thick and given wood float finish	m ³	7.50			
	Ditto 30 mm thick apron	m ²	7.44			
	Sub-total carried to summary					
L	PAINTING / DECORATION					
	All walls to be given a protective paint coat of emulsion or any undercoat and finish with 3 coats of specified paint coating	M ²	23.20			
	Wall surface works	M ²	23.20			
	Girth ne 300 mm	M	20.10			

	Girth n.e 150	M	11.00			
	Girth n.e 100 mm	M	11.00			
	Sub-total carried to summary					
M	TOTAL					
	G. TOTAL					
2 STANCES V I P LATRINE						
Item	Description	Un it	Qty	Rate (USD)	Amount (USD)	Element total (USD)
1	GENERAL PRELIMINARIES					
1.1	Mobilisation and demobilisation of works and fixing of visibility/sign board on the walls of finished works as directed by SPEDP	ls	1.00		-	
1.2	Water for works and false works therein	ls	1.00		-	
1.3	Erection and Maintenance of all temporary scaffolding sufficiently strong and efficient for the due performance of the works and when required during the works, and removal on completion and making good works	ls	162.50		-	
	Sub Total				-	
2	SUBSTRUCTURE					
2.1	Earth works					
i	Allow for removal and clearing away plants, rubbish, unwanted materials and cut top soil to depths n.e 150 mm and set out the works on site as specified.	sm	1.00		-	
ii	Excavate pit commencing from reduced level but not exceeding 4m depth (pit dimension including allowance: 2.2m-Wide, by 5.1m long by 4m deep) and not less than 1.5m above the water table including all earth work support, keeping the excavation free from water and spreading excavated materials away.	cm	44.88		-	
iii	Return, fill and ram to make up level average thickness less than 250mm, obtained off site, selected gravel rejects around the pit walls. Load wheel and deposit surplus excavated materials and deposit at distance not less than 1 km from the site as directed by site Engineer	cm	22.32		-	
iv	Disposal of surplus excavated material on site in spoil heaps, average distance 30m from excavation	cm	31.28		-	
2.2	Sub-structure for the pit					
i	Insitu concrete class 20/20mm aggregate, 150mm thick pit floor bed using mix 1:3:6 mass concrete	cm	1.12		-	

ii	200mm thick brick walls in the pit bedded in sand/cemen mortar mix of 1:3 and finished flush from outside surfaces	cm	55.44	-	-
iii	200x 200mm Beams casted with concrete mix 1:2:4/19mm on pit walls.	cm	0.70	-	-
iv	Selected burnt clay bricks bedded and jointed in 1:3 mortar for 200mm thick lining walls.	sm	55.44	-	-
v	Finishes to the pit; 25mm cement and sand (1:3mix) trowelled smooth and hard on all brick walls. (plastering the pit)	sm	55.44	-	-
vi	25mm cement, sand screed finished smooth with cement grouting applied, properly steel floated.	sm	5.46	-	-
Steel works				-	-
vi	High yield steel bar including working and fixing (Rates inclusive of binding wire)			-	-
vii	Y12 at 150mm centers(both long and shot spans) in floor slab and 4Y12 na R6 for the beams .	kgs	165.00	-	-
viii	R6 links spaced at 200mm c/c for the beams(in. tie wire)	kgs	24.00	-	-
ix	3mm binding wire for connections of the steel bars and the stirrups for the ring beams.	kgs	5.00	-	-
x concrete slab casting				-	-
	100mm thick reinforced suspended floor slab using mix 1:2:4 concrete with provisions of the drop holes and vent pipe holes.	cm	1.58	-	-
xi Sawn form work as described to:				-	-
	200x200mm beams sides	sm	5.04	-	-
	Slab decking	sm	5.45	-	-
	Edge of slab 100mm girth	sm	3.26	-	-
2.3 Splash Apron				-	-
2.3.1.	Excavation for foundation trench 450mm wide not exceeding 1.0m for the apron and refill	cm	2.19	-	-
2.3.2	Remove the excavated soil from site to n.e 2 m from the pit edges	cm	2.19	-	-
2.3.3	100mm thick concrete blinding to foundation		0.27	-	-

2.3.4.	150mm thick burnt clay brickwork in cement and sand mortar(1:4)mix in stretcher bond	sm	9.72				
2.3.5	Return fill and ram selected excavated material around foundation	cm	0.01				
2.3.5.	Remove surplus excavated material from site and cart at least away from the site	cm	0.02				
2.3.6	Backfill imported material to hard core fill in consolidate under apron blinded and well watered and rolled ready to receive concrete 20/20	cm	0.97				
2.3.7	100mm thick concrete 20/20mm aggregate on a 4mm wire mesh for the apron and corridor (1:2:4)	cm	0.60				
2.3.8	25mm cement and sand screed trowled (1:3mix).	sm	16.20				
2.3.9	Anti-Termite Treatment Apply "Aldrin" or equivalent and approved anti- termite solution to surface of excavations	item	1.00				
	Sub-total						-
3	SUPERSTRUCTURE.						-
3.1	Walling						-
i	Bituminous based Damp proof course laid and bedded in cement and sand mortar 25 mm thick APC of 1:3 mix with 300mm laps.	sm	13.60				-
ii	Selected burnt clay bricks in 200 mm thick walls bedded and jointed in 1:4 mortar on superstructure walls. 6mm mild steel bars installed in mortar beddings after every 3 course intervals	sm	31.80				-
	TOTAL						-
4	ROOFING:						-
4.1	wall plate	m	14.80				-
4.2	rafters	m	10.00				-
4.3	purlins	m	27.00				-
4.4	fascia	m	20.00				-
4.5	G28 GIsheets	pcs	8.00				-
4.6	pvc vent pipes	nr	4.00				-
4.7	vent covers	nr	4.00				-
	Sub-total						-
5	Bath room						-
5.1	Excav trench for the WASH room.	cm	2.30				-

5.2	remove all excavated soils from fdtion and dispose offsite	cm	2.30			
5.3	fdtion conc to pit base	cm	0.79			-
5.4	150 mm thickwalls	sm	6.60			-
5.5	Infilling to the corridor	cm	1.09			-
5.6	concrete slab	cm	0.60			-
5.7	25 screed to both slab and corridor/hallway	sm	5.28			-
	Sub-total					-
6	FIXINGS					-
6.1	Prefabricated steel plate doors with wire mesh on the shutters 1.5 m from the floor levels and perforations 250 mm as specified and to be delivered to site and fixed after a protective undercoat.	nr	4.00			-
6.2	Steel casement gril doors to curtain wall doorway completewith all security bolts and locks.	nr	1.00			-
6.3	Fixing the vents to openings	nr	4.00			-
6.4	Fix vent pipes to the slab and plumbed through the roof covering and make good the deffects	nr	4.00			-
6.5	Fixing hand rails for the disabled to the specified heights and firm to the selected latrine room's walls.	nr	2.00			-
	Sub-total					-
7	FINISHES					-
7.1	25mm cement/sand render of mix 1:4 to wall with steel float finish smooth from the inernal.	sm	44.80			-
7.2	Ditto externally but wooden float		18.80			-
7.3	Reveal works of cem/sand mortar mix 1:3 to door openings and vents done squared, leveled and plumbed under close supervision of the site engineer.	lm	27.20			-
7.4	Coppings to curtain wall tops with cem/sand mix 1:3 and make throatings thereunder	lm	6.40			-
7.5	25mm cement, sand screed finished smooth with a gentle fall towards the squat hole and cement grouting applied, properly steel floated.	sm	9.98			-
7.6	Cement and sand roughcast finish on rendered wall of ratio 1:1 and to be 1.5 meters above apron level.	sm	14.10			-

1	Excavation in all kind of sub surface material completed in all respects for footing of steel angle posts L=0.3 ,b=0.30m H=0.6m	m ³	2.50					
1.1	Provide and cast insitu, mass concrete of class 25 mix in (1:2:4) portland cement, clean sand and crashed aggregates.	m ³	2.50			-		
1.2	Supply and installation of 50mmx50mmx4mm hot rolled angle iron with atleast a coat of primer and to be finished with high gloss paint.	Nos	42.00			-		
1.3	Supply and fix G10 GI plain wire on to the planted angle bar poles and to be given appropriate tension in between the supporte poles	Lm	97.00			-		
1.4	Supply and fix 2.1 m high G.I. chain link fabric fencing. Tension and secure with GI binding wire	m	97.00			-		
1.5	Supply and fix diagonal bracings size 50mmx50mmx4mm hot rolled angle at corners and at intervals of every 5m. The angle iron should be painted with 02 coat of primer and 2 coats of oil paint.	Nos	41.00			-		
1.7	Supply and fix heavy duty metallic gate as specified in the drawing	Nos	1.00			-		
1.8	Supply and Fixing of the concertina 40 cm dia with 4 strands straight galvanized wire 2mm thickness.	lm	100.00			-		
	Total for Fencing and Gate carried to summary					-		
						-		
GRAND TOTAL FOR ONE WOMEN'S CENTER								-