

Bill Of Quantities
Construction of Primary Girls and boys Latrine Block in Nuba Mts

Block : Kauda

School: kandaka orphanage School

SNo.	Item	Unit	Quantity	Unit rate (USD)	Amount (USD)
1	Contractors general obligation				
1.01	Preconstruction works, mobilization and demolization	Lump sum	1	0	0.00
	Sub-total 1				0.00
2	Site clearence and ground preparations				
2.01	Site clearence and disposal of all materials arising from clearing	Sq.m	25	0	0.00
	Sub-total 2				0.00
3	Sub-structure				
3.01	Excavations for the latrine pit, foundations trench and aprone with safety consideration	Cu.m	38.40	0	0.00
3.02	Concrete (1:2:4) to 100mm thick pit base / slab, foundations and splash aprone	Cu.m	2.51	0	0.00
3.03	A142 BRC mesh to base pit slab / base	Sq.m	15	0	0.00
3.04	200mm walling for the excavated pit and plinth walls in well burnt clay bricks bedded and jointed 1:4 cement sand mortar	Sq.m	77.90	0	0.00
3.05	15mm thick cement sand (1:4) plastering to pit wall rendered in cement including painting with water proof material.	Sq.m	41.50	0	0.00
3.06	Reinforced concrete (1:2:4) including formworks for slab,manhole cover,pit and ground beams, arone and rams	Cu.m	3.69	0	0.00
3.07	High tensile steel bars (12mm and 8mm) including cutting bending tying,hooking and fixing.	kg	320	0	0.00
3.08	Imported murrum (gravel) well spread levelled and compacted.	Cu.m	10	0	0.00
	Sub-total 3				0.00
4	Super-structure				
4.01	200 mm wide bituminous felt dump proof course	m	34	0	0.00
4.02	200mm thick super-structure walls in standard blocks and ventilation system at top front side in cement sand (1:4) mortar: reinforced with hoop iron wall ties horizontally at 200mm spacing including handwashing facility.	Sq.m	61	0	0.00
4.03	Reinforced concrete (1:2:4) to ring beam and top side of hand washing facility as shown in the drawing including formworks.	Cu.m	1.50	0	0.00
4.04	High tensile steel bars (12mm and 8mm) including cutting bending tying,hooking and fixing.	kg	80	0	0.00
4.05	Roofing Supply all required items and construct roof as per the drawing (hard timber rafter 4"X2",hard timber purlins 3"X2",hard timber facial boards 9"X1" smoothly sharp including painting and prepainted corrugated roofing sheets guage 28) at the roof plan area as shown in the	Sqm	30	0	0.00
	Sub-total 4				0.00
5	Finishes				
5.01	Smooth and Rought cast Plastering Internal and external plastering 15mm thick with 1:4 cement sand mortar will be directed by Site Engineer	Sq.m	108.80	0	0.00
5.02	Steel cement rendering Designing foot resting and drop hole per standard and rendering smooth cement on the concrete floor (Smoothing), Handwashing facility,and all surrounding of the aprone.	Sq.m	29.40	0	0.00
5.03	Painting Prepare surface, apply primer coats and three coats of plastic emulsion paint to exterior and interiorrendered with oil paints.	Sq.m	68.80	0	0.00
5.04	Tiling Tiling the interior wall and the floor for MHM room at the hieght of 1.8m and the hand washing facilities as showing in the drawing	Sq.m	13.50	0	0.00
	Sub-total 5				0.00
6	Supplies and Fittings				
	Door and windows (use lead lined metal as frames)				
6.01	Supply and installing of metal doors including fabrication and painting; in metallic plate and louvers for ventilation 0.3 at the top and bottom of the shutter in metallic plate and proper in and out locking system with a medium size padlocks for D1s	No	3	0	0.00
6.02	Supply and installing of metal doors including fabrication and painting; in square and rectangular hollow section metal with proper in and out locking system including big size 2 padlocks for D2	No	1	0	0.00

6.03	Supply and installing metal windows including fabrication and painting with proper ventilation	No	3	0	0.00
6.04	Supply and installing vent pipe in toilet rooms with all its necessary required items including painting	m	10	0	0.00
6.05	Supply and install 1.5 inch diameter galvanised circular hollow section hand rails to the disabled room	No	1	0	0.00
6.06	Provide, fabricate and install A 250 liters plastic water storage with a metallic stand from square hollow section metal fabricated together with a metallic stair case, the storage is connect by rain water gutter and a pipe of 4" PVC in to the tank. The water in the tank is connect to the hand washing facility with 3/4 PVC pipe and control by a tap then the waste waste water with 4" connected to the soak pit as shown in the drawing	Lump sum	1	0	0.00
6.07	Supply padded direct drop arm (plastic sanitary) for disable	No	1	0	0.00
6.08	Supply and install 2.5sq-m mirror, wall fix cloth hanger/rack and shelves from timber for MHM room	No	1	0	0.00
Sub-total 6					0.00
Grand Total					0.00