

<b>BILL OF QUANTITY FOR BOYS AND GIRLS VIP LATRINES</b>					
<b>Construction of VIP Latrine Block for Pietro Boschotti Primary School, Lui Mudri East Western Equatoria</b>					
<b>Block: 1 Three stances (3) and one wash room</b>			<b>School: Dr.Pietro Boschotti Primary Sch</b>		
<b>No.</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit rate (USD)</b>	<b>Amount (USD)</b>
<b>1</b>	<b>Contractors general obligation</b>				
1.01	Preconstruction works, mobilization and demonization	Lump sum	1	100	100
	<b>Sub-total 1</b>				<b>100</b>
<b>2</b>	<b>Site clearance and ground preparations</b>				
2.01	Site clearance and disposal of all materials arising from clearing	Sq.m	25	2.5	62.5
	<b>Sub-total 2</b>				<b>62.5</b>
<b>3</b>	<b>Sub-structure</b>				
3.01	Excavations for the pit latrine, foundations trench and apron with safety consideration	Cu.m	38.4	13	498.91
3.02	Concrete mix water proof (1:2:4) to 150mm thick pit base / slab, foundations and splash apron	Cu.m	2.5	180	452.34
3.03	A142 BRC mesh to base pit slab / base	Sq.m	14	4	56
3.04	230mm walling for the excavated pit and plinth walls in well burnt clay bricks bedded and jointed 1:4 cement sand mortar reinforced with hoop irons at every 3three (3) alternate courses	Sq.m	77.9	18	1401.84
3.05	20mm thick cement sand (1:4) plastering to pit wall rendered in cement including painting with water proof material.	Sq.m	41.5	8	332
3.06	Reinforced concrete (1:2:4) including formworks for slab, manhole cover, pit rough and ground beams, apron and rams	Cu.m	3.7	280	1033.76
3.07	High tensile steel bars (Y12mm and Y 8mm) including cutting bending tying, hooking and fixing for beams, slab and ram.	kg	320	3	960
3.08	Imported marram (gravel) well spread levelled and compacted.	Cu.m	10	15	150

	<b>Sub-total 3</b>				<b>4884.85</b>
<b>4</b>	<b>Super-structure</b>				
4.01	200 mm wide bituminous felt dump proof course	m	34	2	68

4.02	150mm thick super-structure walls in standard blocks in cement sand (1:4) mortar: reinforced with hoop iron wall ties laid horizontally at 200mm spacing externally and internally including handwashing facility with a tap.	Sq.m	61	18	1098.43
4.03	Reinforced concrete (1:2:4) to ring beam as shown in the drawing including formworks.	Cu.m	1.5	280	420
4.04	High tensile steel bars (12mm and 8mm) including cutting bending tying, hooking and fixing.	kg	80	3	240
4.05	<b>Roofing</b> 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 preprinted corrugated roofing sheets gauge 28) at the roof plan area as shown in the	Sqm	30	13	390
	<b>Sub-total 4</b>				<b>2216.43</b>
<b>5</b>	<b>Finishes</b>				
5.01	<b>Smooth and rough cast Plastering</b> Interior and external plastering 15mm thick with 1:4 cement sand mortar will be directed by Site Engineer	Sq.m	123	3	369.47
5.02	<b>Steel cement rendering</b> Designing foot resting and drop hole per standard and rendering smooth cement on the concrete floor (Smoothing), Handwashing facility, and all surrounding of the apron.	Sq.m	32	12	384

5.03	<b>Painting</b> Prepare surface, apply primer coats and three coats of plastic emulsion paint to external and internal rendered with oil paints.	Sq.m	90.5	5	452.4
5.04	<b>Tiling</b> Tiling the interior wall at the urinal and hand washing section including the channel at the height of 1.8m and hand washing facility as per the engineers plan	Sq.m	5	19	95
	<b>Sub-total 5</b>				1265.87
<b>6</b>	<b>Supplies and Fittings</b>				

	<b>Door and windows (use lead lined metal as frames )</b>				
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 and proper in and out locking system with a medium size padlocks for D1	No	3	220	660
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	80	80
6.03	Supply and installing metal windows including fabrication and painting with proper ventilation	No	3	30	90
6.04	Supply and installing vent pipe in toilet rooms with all its necessary required items including painting	m	12	4	48
6.05	Supply and install 1.5 inches diameter galvanized circular hollow section hand rails to the disabled room	No	1	90	90

6.06	<b>Provide, fabricate and install</b> 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	450	450
6.07	Supply padded direct drop arm (plastic sanitary ) for disable	No	1	68	68
	<b>Sub-total 6</b>				<b>1,486.00</b>
	<b>TOTAL FOR ONE BLOCK VIP LATRINE</b>				<b>10,015.65</b>
	<b>TOTAL FOR ONE BLOCK VIP</b>				<b>10,045.65</b>
<b>GRAND TOTAL FOR TWO (2) BLOCKS VIP LATRINE</b>					<b>20,061.31</b>