BOQ LATRINES-3 STANCES BRICK LINING AND WALLING

Item	Description	Quantity	Unit	Rate	Amount
Bill 1	**SUBSTRUCTURE WORK**			USD	USD
1	**Site work and Lay out:**				
a	- Site clearance: cut , clear and dump away all the trees,debris and unnecessary materials; excavate the unconsilidated top soil to an average depths of 150mm &				
	- Proper layout of the building according to plans	1.00	LS		
2	**Pit lining and Foundation work:**				
a	- Excavate the trench for the ring foundation 300mm wide around pit and not exeeding 600mm deep from existing ground level	2.90	m^3		
b	- Construct RCC ring foundation beam (latrine foundation) 0.3m wide x 0.60m deep with main bars Ø 12mm and stirrups of Ø 6mm @ 30cm and a mix ratio of 1:2:4 of cement/sand/gravel	2.90	m^3		
c	- Excavate the latrine pit 2m wide 3.6m long up to the depths of minimum of 5,00 m and deposit the excavated soil where directed; Include all earthwork support	34.65	m^3		
c(i)	*Lining of pit with* ***well cured reinforced concrete blocks 200mm wall thick,*** *jointed with 1:3 mix ratio of cement and sand mortar*	58.50	m^2		
d	- Return, fill and ram selected materials around foundation pit; distribute and deposite surplus material as directed on site;	1	LS		
f	Provide 250mm hand packed hardcore layer base underneath the foundation beam; Apply lean concrete blinding layer average depth 80mm mix 1:3:6	1.20	m^3		
h	Provide reinforcement for concrete foundation beam above	65.00	kg		
i	Provide and lay a 500gauge polythene sheet with min. 400 mm side and end laps on the prepared soil surface in between the latrines and curtain wall and treat with approved insectiside	4.62	m^2		
3	**Latrine slab and Floor Construction:**				
a	- Provide and lay 250mm hardcore well compacted with gravel/sand blinding inbetween latrine and curtain wall	1.16	m^3		
b	- Construct a 100mm thick vibrated RCC with BRC - A142 mesh Latrine slab extending to corridor with provision for drophole mix ratio of 1:2:4 cement/sand/gravel	11.60	m^2		
c	- Construct apply screed on concrete slab, minimum thickness 20mm, mix ratio of 1:3, cement/sand, surface well smoothened (1% slope - inside towards drophole and outside to the open)	11.60	m^2		
	sub total				
Item	Description	Quantity	Unit		Amount
Bill 2a	**SUPERSTRUCTURE**			USD	USD
1	**Masonry work**				
a	- Construct 150 mm thick superstructure walls (latrine walls and curtain wall) block-**wall jointed with 1:3 mix ra**tio of cement and sand mortar (including scaffoldings and all necessary tools. All works should be completed as per drawings and instructions	32.79	m^2		
b	- Provide and fix PVC ventilation pipes with wire mosquito mesh on top	2	No		
	sub-total				

Item	Description	Quantity	Unit		Amount
Bill 2b	**ROOF STRUCTURE**			USD	USD
1	**Roofing:**				
a	- Construct roof structure (5 rafters, 3 purlins) using 75 x 50 timber and paint all surfaces with anti termite paint.	1	LS		
2	**Roof cladding:**				
a	- Provide and fix galvanised corrugated iron sheets (G.C.I.) gauge 28, complete with self tapping roof nails, **(the sheets should be nailed to all purlins; and on the end sheets at the gables every second corrugation in the sheets should be nailed)**	11.00	m^2		
b	- Provide and fix the timber facia board	14.00	lm		
	sub-total				
Item	Description	Quantity	Unit		Amount
Bill 2c	**RENDERING / DECORATION WORK**			USD	USD
1	**Plastering:**				
a	- Plaster with 12mm thick mortar on all walls, both inside and outside. Walls should be cured at least one week after 24 hour of plastering; Scaffoldings and all necessary tools should be included in the activities.	65.00	m^2		
2	**White washing:**				
a	- Supply and apply two coats of white wash on all plastered surfaces Scaffoldings and all necessary tools should be included as per drawing and instructions.	65.00	m^2		
3	**Emulsion paint:**				
a	- Supply and apply two coats of emulsion paint (White colour and cream colour, as per instructions) on all plastered surfaces;	65.00	m^2		
4	**Gloss paint:**				
a	- Supply and apply two coats of gloss paint (green) on both faces of door leafes, door frames, ventilation window frames	12.00	m^2		
	sub-total				
Item	Description	Quantity	Unit		Amount
Bill 2d	EXTERNAL OPENINGS			USD	USD
1	**Doors:**				
1a	- Supply and fix metal single-leaf-doors with metal frames complete with all fittings, hinges, locks, keys, screws and painting				
	To detail size -900mmx2100mm	3	No		
b	supply and fix metal grill single leaf door complete with fittings 900mm wide x 1500mm high	2	No		
2	**Ventilation windows:**				
a	- Supply and fix ventilation windows (metal frames, complete with mesh 50mm spacing, mosquito-wire mesh and painting)				
	To detail size -450mmx300mm -optional	3	No		
	Sub-total				
Item	Description	Quantity	Unit		Amount
Bill 3	**MISCELLANEOUS WORKS**			USD	USD
1	**hand washing facilities:**				
a	Provide and fix circular downpipe Ø ca. 100mm and tank connection accessories;with a float ball valve -Supply and instal hand washing tank connected to gutter (Roto tank or similar, 1000l) positioned on an elevated tower 2.5m above gl	1	LS		
b	Site cleaning and mobilising construction team out of site	1	Item		
	Sub-total				

SUMMARY

Item	Description			USD	USD
1	SUBSTRUCTURE WORK				
2	SUPERSTRUCTURE				
3	ROOF STRUCTURE				

4	RENDERING / DECORATION WORK				
5	EXTERNAL OPENINGS				
6	MISCELLANEOUS WORKS				
	GRAND TOTAL				