BOQ LATRINES-2 STANCES BLOCK LINING AND WALLING WITH URINAL

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	3.00	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	3.15	m^3		
c	- Excavate the latrine pit 1.65m wide 2.95m long up to the depths of minimum of 5,00 m and deposit the excavated soil where directed; Include all earthwork support	25.00	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*	46.00	m^2		
d	- Return, fill and ram selected materials around foundation pit; distribute and deposite surplus material as directed on site;	1.00	LS		
f	Provide 250mm hand packed hardcore layer base for the trench in foundation beam;Apply lean concrete blinding layer average depth 80mm mix 1:3:6	1.30	m^3		

h	Provide reinforcement for concrete foundation beam above	54.00	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(urinal) and treat with approved insectiside	7.13	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 and urinal	1.80	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	12.65	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)	12.65	m^2		
	Sub-total				
Item	Description	Quantity	Unit		Amount
BILL 2a	**SUPERSTRUCTURE WORK**			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	30.00	m^2		
2	**Ventilation pipes and windows:**				
a	- Provide and fix permanent metal framed window vents covered all over with mosquito wire mesh for ventilation openings to detail size -450mm x 300mm	2.00	No		
b	- Provide and fix PVC ventilation pipes with wire mosquito mesh on top	2.00	No		
	Sub-total				

Item	Description	Quantity	Unit		Amount
BILL 2b	**ROOF STRUCTURE**			USD	USD
1	**Roofing:**				
a	- Construct roof structure (3rafters, 3 purlins) using 75 x 50mm timber and paint all surfaces with anti termite paint	1.00	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;**	6.65	m^2		
b	- Provide and fix the timber facia board at the lower end of the roof to the metal rafters;	10.60	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.	60.50	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.	60.50	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;	60.50	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	7.70	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	2.00	No		
b	supply and fix metal grill single leaf door complete with fittings 900mm wide x 1500mm high	2.00	No		
	sub-total				

Item	Description	Quantity	Unit		Amount
BILL 3	**MISCELLANEOUS WORKS**			USD	USD
1	**Roof water catchment, hand washing tank:**				
a	construct and fit wash hand facilitiies and connect to elevated tank with minimum four taps and positionned it on an elevated platform 0.8m above gl	1.00	LS		
b	Site cleaning and mobilising construction team out of site	1.00	Item		
	sub-total				

SUMMARY

Item	Description			USD	USD
1	BILL 1				
2	BILL 2a				
3	BILL 2b				
4	BILL 2c				
5	BILL 2d				
6	BILL 3				
	GRAND TOTAL				