

COMMUNITY ECD SHED ACTIVITY SCHEDULE

NOTE: The RDC and community will provide farm bricks and riversand

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.0	BILL No 1: PRELIMINARY AND GENERAL ITEMS				
1.1	Allow for contractor's site establishment	1	sum		
1.2	Allow for site preparation for construction including demolition and/or clearing of any structures/vegetation.	1	sum		
1.3	Allow for mobilization of resources on site and demobilization off site.	1	sum		
1.4	Time related obligations	1	sum		
1.5	Allow a provisional sum for materials control testing as required by Engineer on site.				
	a. Concrete Testing	1	sum		
	b. Compaction Tests	1	sum		
1.6	Allow for Project Board	1	sum		
TOTAL BILL NO 1: PRELIMINARY AND GENERAL CARRIED TO SUMMARY					
2.0	BILL NO 2 : SUB -STRUCTURE				
2.1	EXCAVATIONS				
2.1.1	Allow for setting out of structure	1	sum		
2.1.2	Excavate surface trenches not exceeding 2 metres deep.	50	m ³		
2.1.3	Extra over excavation in pickable material for excavation in hard pickable material.	r/o	m ³		
2.1.4	Ditto for excavation in rock.	r/o	m ³		
2.1.5	Allow for termite treatment (use carbolienium or equivalent)	35	m ²		
2.2	REINFORCEMENT				
	<i>Provide all materials, cut, bend and fix steel as indicated on the drgs. Allow for overlaps.</i>				
2.2.1	Base pads	1.00	lsum		
2.2.2	Stub Columns	1.00	lsum		
2.2.3	S193 mesh wire with provision for 300mm overlaps	75	m ²		
2.3	CONCRETE WORKS				
	<i>Provide all materials and construct to completion all concrete members as indicated on the drgs. Allow for shuttering, chamfers, curing, jointing and any other requirements to complete works to the Engineer's satisfaction</i>				
2.3.1	Pad footings concrete	3.60	m ³		
2.3.2	Stub Columns concrete	2.00	m ³		
2.3.3	Stip footings concrete	7.50	m ³		
2.3.4	Floor slab (power floated)	7.50	m ³		
2.3.5	1200x125mm thick C20 concrete apron	38.00	m		

2.4	FOUNDATION BRICKWORK				
	<i>Provide all materials and construct brickwork (using red common bricks) in 1:4 cement mortar with not more than 10mm mortar joints and place brick force every after three courses below plinth level.</i>				
2.4.1	230 mm thck brickwork	33	m ²		
	115mm thick brickwork	2	m ²		
2.5	BACKFILLING AND COMPACTION				
	<i>Import, water, mix, place, compact and level approved fill material around foundation walls, apron base and on floor area upto underside of slab level in layers not exceeding 250mm. (Mechanised compaction to the Engineer's satisfaction).</i>				
2.5.1	Approved fill material (compacted)	78	m ²		
TOTAL BILL NO. 2: SUB-STRUCTURE CARRIED TO SUMMARY					-
3.0	BILL NO 3: SUPER-STRUCTURE				
3.1	SUPERSTRUCTURE BRICKWORK				
	<i>Provide all materials and construct brickwork (using red common bricks) in 1:5 cement mortar with not more than 10mm mortar joints and place brick force every after four courses above plinth level. All brickwork joints to be pointed and brick polish finish applied.</i>				
3.1.1	230 mm thck brickwork	95.0	m ²		
3.1.2	230mm DPC over plinth	44.0	m		
3.1.3	75mm C20 concrete coping over brickwork	24.0	m		
3.1.4	230x230mm C20 concrete ring beam	18.0	m		
	115 mm thick brickwork	14.0	m ²		
3.1.5	Provide all materials, cut, bend and fix steel as indicated on the drgs. Allow for overlaps.	1.0	lsum		
3.1.6	Airbricks sets	8.0	No		
3.1.7	15mm in-situ finishings in cement and sand (1:4) wood floated plaster for all brick work	212.0	m ²		
3.1.8	1 coats universal undercoat paint to plastered surfaces	212.0	m ²		
3.1.9	Two coats weather guard final coat paint to plastered surfaces	212.0	m ²		
3.2	METAL & STEEL WORK				
	<i>Provide all materials, fabricate, erect and fix in position steel members as indicated on drgs. Provide required cleats, welds, bolting and all other connections requirements to ensure functionality. Members to receive atleast two coats of steel primer and atleast two coats of final paint.</i>				
3.2.1	500mm x M20 HD bolts anchored into stub columns concrete as indicated on drgs.	24	No		

3.2.2	200x75x11.5x8.8x8.5mm C channel Columns welded onto 300 x 400mm base plate (16mm thick), to Eng's satisfaction. 12mm thick 250x150mm cap plate welded on top of column.	6	No		
3.2.3	Roof truss system comprising 50x50x5mm top/bottom cords, 40x40x5mm internal member. 6mm fillet weld to all joints.	5	No		
3.2.4	0,4 Chromatedeck roofing sheets and cranked ridges fixed onto 50x50x5mm purlins using 120 x 8mm dia hook bolts (incl nuts and bonded washers). Purlins to be welded to cleats fixed onto trusses.	98	m²		
3.2.5	50x50x5mm equal angle bracing	60	m		
3.2.6	127x64 C channel tie beams with welded 200x200x10mm end plates.	12	m		
3.2.7	Provide metal frames, fittings and glazing to windows.	4	No		
3.2.8	230mm x 2100mm metal door frames	2	No		
3.2.9	Standard Metal door panels (including locksets and fixtures)	2	No		
	Fabricate and install 2m x 1.3m steel screen doors on entrance into shade area (using square tubes 30mm x 30mm x 3mm framing and 20mm x 20mm x 3mm inside)	1	No		
3.3	INSULATION				
3.3.1	4 mm Thick white Alucushion (Code 2906) thermal insulation cushion sheeting laid on and including plastic coated 1.5 mm diameter galvanised straining wires at 500 mm centres, tightly stretched and secured to purlins to main roof.	98	m²		
3.4	FINISHES AND FIXTURES				
3.4.1	Provide all materials and fix 25mm x 225mm PVC fascia board to roof eaves.	42	m		
TOTAL BILL NO. 3: SUPER-STRUCTURE CARRIED TO SUMMARY					-
4.00	BILL No 1: BLAIR TOILET				
	Allow for setting out of structure	1	sum		
	Excavate surface trenches not exceeding 3.5 metres deep.	8	m³		
	Extra over excavation in pickable material for excavation in hard pickable material.	r/o	m³		
	Ditto for excavation in rock.	r/o	m³		
	<i>Provide all materials and construct to completion all concrete members as indicated on the drgs. Allow for shuttering, chamfers, curing, jointing and any other requirements to complete works to the Engineer's satisfaction</i>				
	Concrete footing concrete	1	m³		
	Concrete floor slab reinforced with S193 meshwire	2	m³		
	Concrete for ramps	1	m³		

	<i>Provide all materials, fabricate, erect and fix in position steel members as indicated on drgs. Provide required cleats, welds, bolting and all other connections requirements to ensure functionality. Members to receive atleast two coats of steel primer and atleast two coats of final paint.</i>				
	Install grab bar and blair toilet sit in concrete (as shown on the drawing)	1	sum		
	<i>Provide all materials and construct brickwork (using red common bricks) in 1:5 cement mortar with not more that 10mm mortar joints and place brick force after every three below plinth level and every four courses above plinth level. All brickwork joints to be pointed and brick polish finish applied.</i>				
	230 mm thck brickwork	45	m²		
	<i>Provide all materials, fabricate, erect and fix in position steel members as indicated on drgs. Provide required cleats, welds, bolting and all other connections requirements to ensure functionality. Members to receive atleast two coats of steel primer and atleast two coats of final paint.</i>				
	Roof purlines comprising 50x50x5mmx 6m angle iron	3	No		
	0,4 Chromatedeck roofing sheets fixed onto 50x50x5mm purlins using 120 x 8mm dia hook bolts (incl nuts and bonded washers).	17	m²		
TOTAL BILL NO 4 BLAIR TOILETS CARRIED TO SUMMARY					
SUMMARY					
ITEM	DESCRIPTION	TOTAL (USD)			
1.0	BILL No. 1: PRELIMINARY AND GENERAL				
2.0	BILL No. 2: SUB-STRUCTURE				
3.0	BILL No. 3: SUPER-STRUCTURE				
4.00	BILL No. 4: BLAIR TOILET	\$ -			
	SUB-TOTAL				
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	TOTAL				