

BOQ FOR EMERGENCY COMMUNAL LATRINES

**CONSTRUCTION OF 34 EMERGENCY COMMUNAL LATRINES WITH HAND WASH FACILITY AND SOLAR LIGHTING.
in Galkacyo District**

No	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	LANDSCAPING, PIT EXCAVATION AND LINING				
	Site clearance for latrine construction involves removing vegetation, debris, and any obstacles to prepare a safe, level, and accessible area suitable for building hygienic sanitation facilities. Before excavation begins	m ²	6.75		
	Excavation of pits to the specified reduced levels, with a maximum depth of 3.00 m and a diameter not exceeding 1.2 m ² .	m	3		
	Construction of a 1.4m ² emergency latrine pit with site preparation and masonry works using cement, sand, and stones for a durable, safe facility.	m ³	1.4		
	Reinforcement steel (10 mm diameter) for pit cover.	m ³	5.5		
	Reinforced concrete pit cover (6mm reinforcement steel).	m ³	0.45		
	SUBTOTAL 1				
2	FLOOR FOUNDATION, PIT FINISHING AND DELIVERY PIPES				
	Constructing the latrine foundation walls with durable hardcore stones with cement, carefully ensuring that each corner and angle is precisely squared, aligned, and compacted to maintain a consistent 20 cm ² dimension for structural stability and longevity	m ²	4		
	Concrete Slab of the toilet.	m ³	0.25		
	Concrete Block Setting	LS	6		
	Delivery pipe (140mm diameter) size.1.5-inch	m	1.5		
	SUBTOTAL 2				
3	SUPER STRUCTURE (WALLS OF TIMBER AND IRON SHEETS)				
	Construction of a wall enclosure measuring 1.8 × 1.8 m², fabricated with durable iron sheets to ensure strength and protection.				
	Timber for wall structures (including (2x3 50mm x 75mm)	m	7		
	Timber for wall structures (2x1, 18mm x 44mm)	m	12		
	Walling high-quality aluminium corrugated Iron sheets (32 gauge) 1.8m x 2.4m	pcs	9		

	Supply of non-corrosive nails	kg	2		
	Door made of iron sheet and wood, securely lockable from both inside and outside.	pcs	1		
	3-meter-high PVC ventilation pipe with a 75 mm diameter, equipped with an insect trap. The pipe is securely clipped to the fascia and embedded within the slab to ensure proper ventilation.	m	3		
	SUBTOTAL 3				
4	ROOFING & PAINTING				
	High-quality aluminium corrugated walling Iron sheets (32 gauge) 1.8m x 2.4m	pcs	4		
	Timber for wall structures (including (2x3 50mm x 75mm)	m	3		
	Timber for wall structures (2x1 18mm x 44mm)	m	12		
	Supply of non-corrosive nails	kg	1		
	Man power per latrine foreman	No	1		
	SUBTOTAL 4				
5	OTHERS				
	Fabrication and installation of Jerycan hand wash stations with stand.	pcs	1		
	Ensure that all emergency latrines are clearly identifiable and visibility, with each latrine labeled according to its designated sequence number for easy reference and management.	pcs	1		
	Installation of 10W solar lights for emergency latrines to improve nighttime visibility, safety, and accessibility, particularly for women, children, and persons with disabilities	pcs	1		
	SUBTOTAL 5				
TOTAL COST FOR ONE LATRINE					
GRAND TOTAL COST FOR 33 LATRINES			34		

BOQ FOR EMERGENCY COMMUNAL LATRINES IN GALKACYO

CONSTRUCTION OF 6 DISABILITY-INCLUSIVE AND FREELY ACCESSIBLE EMERGENCY LATRINES WITH HAND WASH FACILITY AND SOLAR LIGHTING.

No	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	LANDSCAPING, PIT EXCAVATION AND LINING				
	Site clearance for latrine construction involves removing vegetation, debris, and any obstacles to prepare a safe, level, and accessible area suitable for building hygienic sanitation facilities.before excavation begins	m ²	6.75		
	Excavation of pits to the specified reduced levels, with a maximum depth of 3.00 m and a diameter not exceeding 1.3 m ² .	m	3		
	Construction of a 1.4m ² emergency latrine pit with site preparation and masonry works using cement, sand, and stones for a durable, safe facility.	m ³	1.4		
	Reinforcement steel (10 mm diameter) for pit cover.	m ³	5.5		
	Reinforced concrete pit cover (6mm reinforcement steel).	m ³	0.45		
	SUBTOTAL 1				
2	FLOOR FOUNDATION, PIT FINISHING AND DELIVERY PIPES				
	Constructing the latrine foundation walls with durable hardcore stones with cement, carefully ensuring that each corner and angle is precisely squared, aligned, and compacted to maintain a consistent 20 cm ² dimension for structural stability and longevity	m ²	4		
	Concrete Slab of the toilet with reinforcement.	m ³	0.25		
	Concrete Block Setting	LS	6		
	Delivery pipe (140mm diameter) size.1.5-inch	m	1.5		
	SUBTOTAL 2				
3	SUPER STRUCTURE (WALLS OF TIMBER AND IRON SHEETS)				
	Construction of a wall enclosure measuring 1.8 × 1.8 m², fabricated with durable iron sheets to ensure strength and protection.				
	Timber for wall structures (including (2x3 50mm x 75mm)	m	7		
	Timber for wall structures (2x1, 18mm x 44mm)	m	12		
	Walling high-quality aluminium corrugated Iron sheets (30 gauge) 1.8m x 2.4m	pcs	9		

	Supply of non-corrosive nails	kg	2		
	Door made of iron sheet and wood, securely lockable from both inside and outside.	pcs	1		
	3-meter-high PVC ventilation pipe with a 100 mm diameter, equipped with an insect trap. The pipe is securely clipped to the fascia and embedded within the slab to ensure proper ventilation.	m	3		
	SUBTOTAL 3				
4	ROOFING & PAINTING				
	High-quality aluminium corrugated walling Iron sheets (32 gauge) 1.8m x 2.4m	pcs	4		
	Timber for wall structures (including (2x3 50mm x 75mm)	m	3		
	Timber for wall structures (2x1 18mm x 44mm)	m	12		
	Supply of non-corrosive nails	kg	1		
	Man power per latrine foreman	No	1		
	SUBTOTAL 4				
5	OTHERS				
	Fabrication and installation of Jerycan hand wash stations with stand.	pcs	1		
	Ensure that all emergency latrines are clearly identifiable and visibility, with each latrine labeled according to its designated sequence number for easy reference and managemen	pcs	1		
	Installation of 10W solar lights for emergency latrines to improve nighttime visibility, safety, and accessibility, particularly for women, children, and persons with disabilities	pcs	1		
	Construction of disable access-ramp 2m long 1m wide with slope of 2%.	No	1		
	Installation of parallel metallic handrail 1.5-inch box in inference and seat places	No	1		
	Installation of ceramic WC seat	No	1		
	SUBTOTAL 5				
TOTAL COST FOR ONE LATRINE					
GRAND TOTAL COST FOR 6 LATRINES				6	
GRAND TOTAL COST FOR 40 LATRINES					

CONSTRUCTION OF COMMUNAL FAMILY LATRINES IN HOBYO TOWN

No	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	LANDSCAPING, PIT EXCAVATION AND LINING				
	Excavation of pit measuring 1.8m width x 1.8m length x 3m depth	m ³	7		
	Supply and construct 200mm thick solid blocks in alternate bondage with 1:3 C/S mix binding 600mm below ground level projecting 100mm above ground level to receive the slab with the manhole for the septic tank walling (1.8m x 1.8m x 3m)	m ³	5.5		
	Formwork to the sides of the slab	LMS	3.9		
	Reinforcement steel (6 mm diameter) for pit cover	kg	5		
	100 mm Reinforced concrete pit cover (6mm reinforcement steel).	m ³	0.5		
2	SUPER STRUCTURE (WALLS OF TIMBER AND IRON SHEETS)				
	Timber for wall structures (including (2x3 50mm x 75mm) and (2x1, 18mm x 44mm)	m	15		
	High-quality aluminium corrugated walling Iron sheets (32 gauge) 0.9m x 2.5m	pcs	9		
	Supply of non-corrosive nails	kg	2.5		
	Door with secure lockable from inside and outside	pcs	1		
	Vent pipe - 2300mm high medium guage PVC pipe, diamter 75mm with insect trap at the top clipped to the fascia board and mounted in the slab concrete for ventilation	m	2		
3	FLOOR FOUNDATION, PIT FINISHING AND DELIVERY PIPES				
	Foundation walling	m ³	1		
	Concrete Slab of the toilet.	m ³	0.2		
	Supply and Installation of ceramic WC seat	pcs	1		
	Delivery pipe	m	1.5		
4	ROOFING & PAINTING				
	High-quality aluminium corrugated walling Iron sheets (32 gauge) 0.9m x 2.5m	pcs	4		
	Assorted timber 50mmx50mm.	m	12		
	Supply of non-corrosive nails	kg	1		
5	OTHERS				

	Purchase and distribution of plastic kettle	pcs	1		
	Supply of LAMP, SOLAR led for family - Li-ion battery Rechargeable by solar panel and 220 V	pcs	1		
	Visibility	pcs	1		
<i>COST FOR ONE COMMUNAL FAMILY LATRINE</i>					
<i>COST FOR TWENTY COMMUNAL LATRINES</i>					

CONSTRUCTION OF COMMUNAL FAMILY LATRINES IN HOBYO TOWN

No	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	LANDSCAPING, PIT EXCAVATION AND LINING				
	Excavation of pit measuring 1.8m width x 1.8m length x 3m depth	m ³	7		
	Supply and construct 200mm thick solid blocks in alternate bondage with 1:3 C/S mix binding 600mm below ground level projecting 100mm above ground level to receive the slab with the manhole for the septic tank walling (1.8m x 1.8m x 3m)	m ³	5.5		
	Formwork to the sides of the slab	LMS	3.9		
	Reinforcement steel (6 mm diameter) for pit cover	kg	5		
	100 mm Reinforced concrete pit cover (6mm reinforcement steel).	m ³	0.5		
2	SUPER STRUCTURE (WALLS OF TIMBER AND IRON SHEETS)				
	Timber for wall structures	m	15		
	High-quality aluminium corrugated walling Iron sheets (32 gauge) 0.9m x 2.5m	pcs	9		
	Non-corrosive nails	kg	2.5		
	Door (1 m wide and opening outside) with secure lockable from inside and outside	pcs	1		
	Vent pipe - 2300mm high medium guage PVC pipe, diamter 75mm with insect trap at the top clipped to the fascia board and mounted in the slab concrete for ventilation	m	2		
3	FLOOR FOUNDATION, PIT FINISHING AND DELIVERY PIPES				
	Foundation walling	m ³	1		
	Concrete Slab of the toilet.	m ³	0.2		
	Supply and Installation of ceramic WC seat	pcs	1		
	Delivery pipe	m	1.5		
4	ROOFING & PAINTING				
	High-quality aluminium corrugated walling Iron sheets (32 gauge) 0.9m x 2.5m	pcs	4		
	Assorted timber 50mmx50mm.	m	12		
	Supply of non-corrosive nails	kg	1		

5 OTHERS				
	Construction of disable access-ramp 2m long 1m wide with slope of 2%.	pcs	1	
	Constriction of guiding handrail in both side of the	pcs	1	
	Purchase and distribution of plastic kettle	pcs	1	
	Supply of LAMP, SOLAR led for family - Li-ion battery Rechargeable by solar panel and 220 V	pcs	1	
	Visibilty	pcs	1	
<i>COST FOR ONE PWD LATRINE</i>				
<i>COST FOR FIVE PWDs LATRINES</i>				
<i>GRAND TOTAL COST FOR 25 LATRINES</i>				
<i>GRAND TOTAL COST FOR 65 LATRINES</i>				