

FENCING OF PORT LOKO CORRECTIONAL CENTER SERVICE

Bill of Quantities

Item No	Description	units	Qty	Unit Rate (LE)	Amount (LE)
1.00	PRELIMINARIES				
1.01	MOBILIZATION The contractor will mobilise and deliver to the site all relevant equipment, personel and materials necessary for the execution of the Fencing works	item	1		
1.02	SITE OFFICE/STORE Allow for providing suitable secure store for materials used for the project and also a Temporary secure office on site for the site Foreman-in -charge and other craftsmen and include for providing necessary furniture and lighting	item	1		
1.03	INSURANCE/LICENSES Provide Insurance against injury to personnel Also make all arrangements for the issue of licenses, permit etc required by law for the executioun of the contract	item	1		
1.04	PROGRESS PHOTOGRAPHS Progress photographs should be provided in intervals. Number and sizes of the photographs will be directed by the Supervising Engineer or his representative	item	1		
1.05	DEMOBILIZATION Allow for the demobilization of all plants equipment and personnel and left over materials on work completion. The surrounding within the fence must be thoroughly cleared and cleaned befoe the final inspection and handling over the facilities to the Client.	item	1		
	PRELIMINARIES CARRIED TO SUMMARY				

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Item No	Description	units	Qty	Unit Rate (LE)	Amount (LE)
2.00	<u>DEMOLITION</u>				
2.01	Demolish exist block wall fence between the female block and the male block .	item			
2.02	<u>EXCAVATION</u>				
2.03	Excavate trenches along the boundary fence path 750mm wide and 900mm deep for reinforced concrete column bases and for strip concrete foundation for fence blockwork	m ³	36		
2.04	Extra over excavation in rock along the fence path on the boundary perimeter	m ³	10.8		
2.05	<u>FILL</u>				
2.06	Fill the excavated area and compact round the blockwork and columns up to ground level	m ³	1054		
	DEMOLITION AND EXCAVATION WORKS CARRIED TO SUMMARY				

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3.00	CONCRETE WORKS IN TRIP FOUNDATION, COULUMN BASES AND COLUMNS				
	CONCRETE WORKS				
3.01	Plain in-situ concrete (1:3:6 mix - 19mm diameter aggregates) in foundation pour at the bottom of excavation 225mm thick as strip foundation between column bases to receive fence blockwork	m ³	9		
3.02	Reinforced in-situ concrete (1:2:4 - 12mm aggregates) in column bases and columns	m ³	20.85		
3.03	1:4:8 mix blinding concrete 50mm thick for column bases.	m ³	0.55		
3.04	Reinforced concrete coping 300mm wide and 100mm deep spread on top of the blockwork fence 1:2:4 mix	m ³	4.6		
	<u>REINFORCEMENT</u>				
3.05	12mm dia rods in column and column bases	tonne	0.79		
3.06	12mm dia rods in coping	tonne	0.44		
3.07	6mm dia rods as stirrups in columns, and coping at the top of fence	tonne	0.02		
	FORMWORK				
3.08	Formwork in column and column bases	m ²	140		
3.09s	Formwork in coping	m ²	4.7		
	REINFORCED CONCRETE WORKS IN STRIP FOUNDATION, COPING, COLUMN BASES AND COLUMNS CARRIED TO SUMMARY				

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Item No	Description	units	Qty	Unit Rate (LE)	Amount (LE)
4.00	BLOCKWORKS				
4.01	Precast sandcrete (1:6) solid blocks bedded and jointed in cement mortar (1:6) in 150mm thick walls installed between reinforced concrete columns	m ²	470		
	BLOCKWORK CARRY TO SUMMARY				
5.00	GATES & SECURITY RAZOR WIRE INSTALLATION				
	GATES				
5.01	Provide and install steel plate sliding gate 7m wide with all the accessories (tower bolts, hinges , rollers, locks to security specification) as specified in the drawings and directed by the supervising engineer	No	1		
5.01	Provide and install steel plate single hinge gate 0.9m wide with all the accessories hinges , rollers, locks to security specification) as specified in the drawings and directed by the supervising engineer	No	1		
5.03	Provide Y shapes 16mm diameter rods as shown on the drawing and bed them in each column to anchor the rezor blade wire	No	70		
5.04	Provide 600 mm diameter razor blade security wire install on top of fence wall using the 16mm Y shaped rods as anchors	m	134		
	GATES & SECURITY RAZOR WIRE INSTALLATION CARRIED TO SUMMARY				

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Item No	Description	units	Qty	Unit Rate (LE)	Amount (LE)
	SUMMARY				
1.00	PRELIMINARIES				-
2.00	CLEARING, EXCAVATION,& BACKFILLING				-
3.00	CONCRETE WORKS IN STRIP FOUNDATION COLUMN BASES AND COLUMNS				-
4.00	BLOCKWORKS				-
5.00	GATES & SECURITY RAZOR WIRE INSTALLATION				-
	TOTAL FENCE CONSTRUCTION WORKS				-
	CONTINGENCY 5%				-
	GRAND TOTAL FENCE CONSTRUCTION WORK				-