

NKANGALA DISTRICT MUNICIPALITY



C 2.2. BOQ REPAIRS AND MAINTENANCE OF OFFICE BUILDING FOR NKANGALA DISTRICT MUNICIPALITY

C 2.2 BILL OF QUANTITIES

	ITEM DESCRIPTION	M, M2, #	QUANTITY	RATE	AMOUNT
	1.PLUMBING Pricing must include delivery to site and quality [SABS APPROVED] fittings to be used during the execution of the work				
1.1	Unblocking drainpipe	m	1		
1.2	Clean roof gutters & rainwater downpipes	m	1		
1.3	Replace basin tap	no	1		
1.4	Replacing flush valve	no	1		
1.5	Replacing basin mixer	no	1		
1.6	Unblocking urinary drain	no	1		
1.7	Replace 10 litre under counter geyser	no	1		
1.8	Replace toilet seat	no	1		
1.9	Replace hand dryer	no	1		
1.11	Replace broken aluminium shower doors	no	1		
1.12	Install toilet roll holder	no	1		
1.13	Install hand liquid soap holder	no	1		
1.14	Install paper towel dispenser	no	1		
1.15	Install towel rail	no	1		
1.16	Install gate valves				
1.17	20mm gate valve	no	1		
1.18	25mm gate valve	no	1		
1.19	50mm gate valve	no	1		
1.20	65mm gate valve	no	1		
1.21	75mm gate valve	no	1		
	2.TILING Pricing to include materials or methods to be used [adhesive or approved tile cement] including removing existing material.				
2.1	50/50 ceramic floor tiles	M2	1		
2.2	30/30 ceramic floor tiles	M2	1		

2.3	20/20 ceramic mazista/ marble floor tiles	M2	1		
2.4	50/50 heavy duty industrial carpet	M2	1		
2.5	Tiling on walls	M2	1		
2.6	Sandstone cladding from walls	M2	1		
2.7	Slate wall tiles	M2	1		
2.8	Industrial cleaning of carpets	M2	1		
2.9	Wall to wall Serengeti carpet including underlay	M2	1		
	3.PAINTING Surfaces shall be clearly washed down and be allowed to dry completely before any paint is applied. Blistered or any peeling shall be completely removed, and cracks shall be opened, filled with suitable paint polifiller and finished smooth.				
3.1	Paint on plaster	M2	1		
3.2	Paint on wooden surfaces	M2	1		
3.3	Paint on steel surfaces	M2	1		
3.4	Paint on corrugated roof sheeting	M2	1		
3.5	Paint on 3 x 1,8 steel palisade panel	no	1		
3.6	Paint on roof gutters	m	1		
	4.WATER PROOFING				
4.1	On roof gutters	m	1		
4.2	On corrugated iron sheet	M2	1		
4.3	On floor slap	M2	1		
4.4	On parapet walls	m	1		
4.5	On retaining walls	M2	1		
4.6	On glass dome	m	1		
4.7	On flat roof	M2	1		
	5.IRONMONGERY Prices to include screwing to concrete, wood or steel, brickwork with plaster or tiled finish				
5.1	400mm cylinder lockset	no	1		
5.2	Door handle set	no	1		
5.3	Mahogany office door completes with lockset and handled	no	1		
5.4	Aluminium door hinges	no	1		
5.5	Semi-finished flush doors with meranti concealed vertical edge strips hung to frame	no	1		
5.6	19/76 meranti skirting	m	1		
5.7	Repair fire station machine bay doors	no	1		
5.8	Install a pair sliding gate wheel kids	no	1		
5.9	Install 3 / 1,8 steel palisade panel	no	1		
	6.CEILING AND DRY -WALL PARTITIONS Items shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete.				
6.1	Ceiling suspended below timber or trusses	M2	1		

6.2	Install new partition 5 x 5 new partition	M2	1		
6.3	Demolish existing partition	M2	1		
	7.JOINT SEALANTS Sealants must be approved and be suitable for surfaces to be applied and include testing to ensure water tightness				
7.1	Sealing around penetrations through walls	m	1		
7.2	Sealing joints between aluminium sky roof light and brickwork	m	1		
7.3	Sealing between aluminium window frames and brickwork	m	1		
	8.ELECTRICAL INSTALLATIONS Electrical installations shall include replacement of electrical components by a qualified electrician using approved electrical components.				
	Replacing the following electrical components				
8.1	20Amp circuit breaker	no	1		
8.2	30 Amp circuit breaker	no	1		
8.3	60 Amp circuit breaker	no	1		
8.4	Phase three circuit breaker	no	1		
8.5	Replacing the following light bulbs				
8.6	TL 554W/840	no	1		
8.7	PL-C 4P	no	1		
8.8	PL-S-4P 9W/840	no	1		
8.9	MR 16 12V 50W	no	1		
8.10	TL3 24W/840	no	1		
8.11	TL3 24W/840	no	1		
8.12	240V 160W	no	1		
	9.BUMPER RAILS This shall include specified material to be used, cutting according to the required size and affix to the floor and walls with appropriate nails or bolts.				
9.1	Installation of bumper rails inside and outside the office building as may be directed by the client	no	1		
9.2	Installation of granite tops suitable for counters, bathrooms etc.	M2	1		
9.3	Install or replacement kitchen cabinet / Zink tops	M2	1		
9.4	Installation of stainless-steel balustrades as may be directed by the client	m	1		
	10.GLASS AND ALUMINIUM				
10.1	Repair aluminium doors by replacing hinges and lock system	no	1		
10.2	Replace 3 x 500 shatterproof glass	no	1		
	11.CLEANING OF BOX GUTTERS, DOWNPIPES AND STORM WATER DRAINAGE SYSTEM				

11.1	Open and clean storm water catch-pits	m	1		
11.2	Open and clean rainwater outlets/downpipes	m	1		
11.3	Open and clean box gutters	m	1		
11.4	Open and clean water drainage system	m	1		
11.5	Cleaning of the building concrete slab	M2	1		
	12.PLASTERING				
12.1	On internal walls	M2	1		
12.2	On external walls	M2	1		
12.3	On parapet walls	M2	1		
12.4	On top of parapet walls	M2	1		
	13.ELECTRICAL WATER HEATERS / GEYSERS				
13.1	Installation of a 10 litre under counter geyser	no	1		
13.2	Installation of a 100-litre geyser	no	1		
13.3	Installation of a 150-litre geyser	no	1		
13.4	Installation of a 200-litre geyser	no	1		
	14.GLASS DOME/SKY ROOF				
14.1	Replacing of damaged existing glass dome	M2	1		
14.2	Installation of door awnings as may be directed by the client	no	1		
	15.SANITARY / PLUMBING				
	Class 0 copper pipes and fittings with soldered type connections				
15.1	15mm copper pipes	m	1		
15.2	22mm copper pipes	m	1		
15.3	28mm copper pipes	m	1		
	16.PVC pipes for above ground installation				
16.1	40mm pipes	m	1		
16.2	50mm pipes	m	1		
16.3	110mm pipes	m	1		
	17.Water supply fittings				
17.1	25mm adaptor/Tee / elbow/reducer	no	1		
17.2	20mm adaptor /Tee / elbow / reducer	no	1		
17.3	50mm adaptor / Tee / Reducer / elbow	no	1		
17.4	63mm adaptor / Tee / reducer / elbow	no	1		
	18.REMOVING OF EXISTING WORK				
18.1	Breaking up and removing existing paving blocks, kerbing etc.	M2	11		
18.2	Breaking up and removing concrete paving blocks and set aside for re-use	M2	1		
18.3	Breaking and removing brickwork	M2	1		
18.4	Removing of existing tile, plaster and prepare surface for new installations	M2	1		
	19.PAVING				

19.1	Laying of paving blocks including 25mm sand layer with joints filled in with and including sand and cement mixture including all straight cutting	M2	1		
	20.BRICKWORK				
20.1	Brickwork in 14 Mpa compressive strength in class 1 mortar	M2	1		
	21.EXCAVATIONS/TRENCHING				
21.1	Excavation to determine the position of existing services	M	1		

SUB- TOTAL	
VAT@15%	
GRAND-TOTAL	

NB: The Bill is for the repairs and maintenance; installations and replacement of components shall be done through a quotation to be approved by the municipality.

ITEMS NOT ON THE ORIGINAL BOQ SHALL BE QUOTED AND THE MUNICIPALITY THROUGH ITS PROJECT MANAGER MAY APPROVE OR DISAPPROVE IN LINE WITH MARKET RELATED PRICES.

TOTAL AMOUNT TO BE FORWARDED TO FORM C 1.1 (FORM OF OFFER)