



**APPOINTMENT OF A PANEL OF SERVICE PROVIDERS FOR THE REPAIRS AND  
MAINTENANCE OF MUNICIPAL BUILDINGS AND FACILITIES FOR A PERIOD OF 36  
MONTHS AS AND WHEN REQUIRED**

**C 2.2. BILL OF QUANTITIES**

ITEM NO.	ITEM DESCRIPTION	SI UNIT	QUANTIT Y	RATE	TOTAL
<b>1.</b>	<b>BILL 1.PLUMBING</b> <b>Pricing must include delivery to site and fittings to be used during the execution of the work.</b>				
<b>1.1.</b>	Unblock drain pipe	<b>Meter</b>	1		
<b>1.2.</b>	Unblock storm water drainage pipe	<b>Meter</b>	1		
<b>1.3.</b>	Clean roof gutters	<b>Meter</b>	1		
<b>1.4.</b>	Replace basin tap	<b>No.</b>	1		
<b>1.5.</b>	Replace flush master	<b>No.</b>	1		
<b>1.6.</b>	Unblock urinary drain	<b>No.</b>	1		
<b>1.7.</b>	Replace 10 liter under counter geyser	<b>No.</b>	1		
<b>1.8.</b>	Replace a seized borehole pump	<b>No.</b>	1		
<b>1.9.</b>	Replace basin tap mixer	<b>No.</b>	1		
<b>1.10.</b>	Replace toilet seat	<b>No.</b>	1		
<b>1.11.</b>	Replace leaking plumbing pipe	<b>No.</b>	1		
<b>1.12.</b>	Replace broken hand dryer	<b>No.</b>	1		
<b>1.13.</b>	Replace broken toilet seat	<b>No.</b>	1		
<b>1.14.</b>	Replace broken aluminum shower doors	<b>No.</b>	1		
<b>1.15.</b>	Toilet roll holder	<b>No.</b>	1		
<b>1.16.</b>	Liquid soap holder	<b>No.</b>	1		
<b>1.17.</b>	Paper towel dispenser	<b>No.</b>	1		
<b>1.18.</b>	Towel rail	<b>No.</b>	1		
<b>1.19.</b>	Replace 20mm copper pipe	<b>Meter</b>	1		
<b>1.20.</b>	Replace 25mm copper pipe	<b>Meter</b>	1		
<b>1.21.</b>	20 mm Gate valves to connect plumbing pipes	<b>No.</b>	1		
<b>1.22.</b>	25 mm Gate valves to connect plumbing pipes	<b>No.</b>	1		
<b>1.23.</b>	50 mm Gate valves to connect plumbing pipes	<b>No.</b>	1		
<b>PRICE CARRIED FORWARD</b>					



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ITEM NO.	ITEM DESCRIPTION	SI UNIT	QUANTIT Y	RATE	TOTAL
<b>PRICE BROUGHT FORWARD</b>					
1.24.	63 mm Gate valves to connect plumbing pipes	No.	1		
1.25.	75 mm Gate valves to connect plumbing pipes	No.	1		
2.	<b>BILL 2.TILING</b> Pricing to include materials or methods to be used [ adhesive or approved tile cement ] including removing existing materials [tiles or carpets ]				
2.1.	Floor tiling	M <sup>2</sup>	1		
2.2.	On internal walls	M <sup>2</sup>	1		
2.3.	On external walls	M <sup>2</sup>	1		
2.4.	Ceramic wall tiles Slate wall tiles Mazista sand wall tiles				
2.4.1.	On concrete beam and patches	M <sup>2</sup>	1		
2.4.2.	On floors in patches	M <sup>2</sup>	1		
3.	<b>BILL 3. CARPETS</b> Pricing to include the removing of existing carpets and replacing with new same office carpets or as agreed with the client [POWERPOINT 50/50 ]				
3.1.	Replacing office carpets	M <sup>2</sup>	1		
3.2.	Industrial cleaning of carpets	M <sup>2</sup>	1		
4.	<b>BILL 4: PAINTING</b> Surfaces shall be clearly washed down and be allowed to dry completely before any paint is applied. Blistered or any peeling paint shall be completely removed and cracks shall be opened, filled with a suitable plascon polifiller and finished smooth.				
4.1.	<b>PAINT ON PLASTER</b>				
4.1.1.	On internal walls	M <sup>2</sup>	1		
4.1.2.	On external walls	M <sup>2</sup>	1		
4.1.3.	On ceiling boards	M <sup>2</sup>	1		
4.2.	<b>ON WOODEN SURFACES</b>				
4.2.1.	On wood surfaces	M <sup>2</sup>	1		
4.2.2.	On doors	M <sup>2</sup>	1		
<b>PRICE CARRIED FORWARD</b>					



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ITEM NO.	ITEM DESCRIPTION	SI UNIT	QUANTIT Y	RATE	TOTAL
<b>PRICE BROUGHT FORWARD</b>					
4.2.3.	On skirting's	M <sup>2</sup>	1		
4.3.	<b>PAINT OF STEEL SURFACES</b>				
4.3.1.	On corrugated roof sheeting	M <sup>2</sup>	1		
4.3.2.	On waterproofing	M <sup>2</sup>	1		
4.3.3.	On perimeter fence panels	M <sup>2</sup>	1		
4.3.4.	On roof-gutters	M <sup>2</sup>	1		
4.3.5.	On steel palisade panel	M <sup>2</sup>	1		
5.	<b>BILL 5: IRONMONGERY</b> Prices are to include screwing to in concrete, Wood, or steel brickwork with plaster or tiled finish.				
5.1.	400mm cylinder lockset	No.	1		
5.2.	Door handles [ set]	No.	1		
5.3.	Mahogany office door [complete with locks and handles ]	No.	1		
5.4.	Door hinges [each ]	No.	1		
5.5.	Semi solid flush doors with meranti concealed vertical edge strips hung to steel frames	No.	1		
5.6.	19 x 76 mm meranti skirting	No.	1		
5.7.	Repair the machine bay doors [heavy duty roller doors] at the Fire Stations.	No.	1		
5.8.	Install sliding gate wheel kits	No.	1		
5.9.	Install 3 x 1.8 steel palisade panel	No.	1		
5.10.	Replace a leaking or damaged corrugated roof sheeting	M <sup>2</sup>	1		
6.	<b>BILL 6: CEILINGS AND PARTITIONS</b> Items shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brick work or concrete.				
6.1.	Ceiling suspended below timber or steel roof trusses	M <sup>2</sup>	1		
6.2.	Install new office partition 5 x 5 new partition	M <sup>2</sup>	1		
6.3.	Demolish existing partition.	M <sup>2</sup>	1		



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<b>PRICE CARRIED FORWARD</b>					
<b>PRICE BROUGHT FORWARD</b>					
<b>7.</b>	<b>BILL 7: WATERPROOFING</b> Waterproofing of roofs, basement, etc. shall be laid to even falls to outlets with necessary ridges, hips and valleys				
<b>7.1.</b>	On roof in parches	<b>M<sup>2</sup></b>	1		
<b>7.2.</b>	On retaining walls	<b>M<sup>2</sup></b>	1		
<b>7.3.</b>	On walls	<b>M<sup>2</sup></b>	1		
<b>7.4.</b>	On top and side of parapet walls	<b>M<sup>2</sup></b>	1		
<b>7.5.</b>	On bottom and side of box gutters	<b>M<sup>2</sup></b>	1		
<b>7.6.</b>	On face brick parapet walls	<b>M<sup>2</sup></b>	1		
<b>7.7.</b>	On glass dome	<b>M<sup>2</sup></b>	1		
<b>7.8.</b>	On basement	<b>M<sup>2</sup></b>	1		
<b>8.</b>	<b>BILL 8: JOINT SEALANTS</b> Sealants must be approved and be suitable for the surfaces to be applied and include testing to ensure water tightness. [Maplastic Smart]				
<b>8.1.</b>	Sealing around penetrations through walls	<b>M<sup>2</sup></b>	1		
<b>8.2.</b>	Sealing joints between aluminium sky light and brickwork	<b>M<sup>2</sup></b>	1		
<b>8.3.</b>	Sealing between aluminum windows and brickwork	<b>M<sup>2</sup></b>	1		
<b>9.</b>	<b>BILL 9: ELECTRICAL INSTALLATIONS</b> Electrical installations shall include the replacement of fused electrical components by a qualified electrician using approved electrical components.				
<b>9.1.</b>	<b>Replace the following electrical components:</b>				
<b>9.1.1.</b>	20 Amp circuit breaker	<b>No.</b>	1		
<b>9.1.2.</b>	30 Amp circuit breaker	<b>No.</b>	1		
<b>9.1.3.</b>	60 Amp circuit breaker	<b>No.</b>	1		
<b>9.1.4.</b>	Three Phase circuit breaker	<b>No.</b>	1		
<b>9.2.</b>	<b>Replace the following fused light bulbs:</b>				



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ITEM NO.	ITEM DESCRIPTION	SI UNIT	QUANTIT Y	RATE	TOTAL
9.2.1.	Office bulbs [TL 554W/840]	No.	1		
<b>PRICE CARRIED FORWARD</b>					
<b>PRICE BROUGHT FORWARD</b>					
9.2.2.	Corridor bulbs [PL-C 4P]	No.	1		
9.2.3.	Bathroom bulbs [PL-S 4P 9W/840]	No.	1		
9.2.4.	Committee room bulbs [MR- 16 12V50W]	No.	1		
9.2.5.	Council Chamber bulbs [TL3 24W/840]	No.	1		
9.2.6.	Area lighting bulbs [240V 160W]	No.	1		
10.	<b>BILL 10: BUMPER RAILS</b>				
	Bumper rails installations price shall include all material and consumables.				
10.1.	Installation of stainless-steel bumper rails around the building as may be directed by the client	m	1		
10.2.	Installation of 30mm, thick granite tops suitable for counters, bathroom slabs.	m	1		
11.	<b>BILL 11: GLASS AND ALUMINIUM</b>				
11.1.	Installation of stainless steel balustrades as directed by the client	m	1		
11.2.	Repair aluminum doors by inserting new lock system and hinges	No.	1		
11.3.	Replace cracked 3 x 500 shutter proof glass	M <sup>2</sup>	1		
11.4.	Replace a 3 x 500 cracked shatterproof glass	M <sup>2</sup>	1		
12.	<b>BILL 12: OFFICE ACCOMMODATION</b>				
12.1.	Rental of Mobile park homes units [ prefab buildings ] complete with electrical and air-conditioning installations(6mx4m)	No.	1		
12.2.	Rental Public mobile toilets units	No.	1		
12.3.	Rental of VIP Mobile toilets units	No.	1		
13.	<b>BILL 13: Open up blocked rainwater downpipes, drains etc.</b>				
13.1.	Open up and clean storm water catch-pits	m	1		



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ITEM NO.	ITEM DESCRIPTION	SI UNIT	QUANTIT Y	RATE	TOTAL
13.2.	Open up and clean rain water outlets	m	1		
13.3.	Open up and clean existing steel box gutters	m	1		
<b>PRICE CARRIED FORWARD</b>					
<b>PRICE BROUGHT FORWARD</b>					
14.	<b>BILL 14: SUSPENDED CEILINGS</b>				
14.1.	Install suspended ceiling nor exceeding 1000mm below timber or steel roof trusses	M <sup>2</sup>	1		
15.	<b>BILL 15: PLASTERING</b>				
15.1.	On internal walls	M <sup>2</sup>	1		
15.2.	On external walls	M <sup>2</sup>	1		
15.3.	On parapet walls	M <sup>2</sup>	1		
15.4.	On top of parapet walls	M <sup>2</sup>	1		
16.	<b>BILL16: ELECTRICAL WATER HEATERS / GEYSERS.</b> Prices to include geyser tray and connections in accordance with the manufacturer specifications.				
16.1.	10 liter geyser [ [kwikot ]	No.	1		
16.2.	100-liter geyser	No.	1		
16.3.	150 liter geyser	No.	1		
17.	<b>BILL 18: FLOOR / WALL COVERINGS</b>				
17.1.	<b>Interlocking floor tiles: 450 x 450 mm</b>				
17.1.1.	On floors and landings	M <sup>2</sup>	1		
17.1.2.	On risers of stairs	M <sup>2</sup>	1		
17.2.	<b>500 x 500 Heavy duty carpet tiles</b>				
17.2.1.	On floors and landings	M <sup>2</sup>	1		
18.	<b>HACKING UP/OFF AND REMOVING FLOOR TILES AND WALL FINISHES INCLUDING REMOVING OF MORTAR BEDOR BECKING AND PREPARING CONCRETE OR BRICK SURFACES FOR NEW TILE FINISHES</b>				
18.1.	300mm wide granite tiles from walls in patches	M <sup>2</sup>	1		
18.2.	Sandstone cladding from walls	M <sup>2</sup>	1		
18.3.	300 x 150mm tiles from walls in patches	M <sup>2</sup>	1		



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ITEM NO.	ITEM DESCRIPTION	SI UNIT	QUANTIT Y	RATE	TOTAL
18.4.	400 x 200mm tiles from walls in patches	M <sup>2</sup>	1		
18.5.	400 x 400mm tiles from walls in patches	M <sup>2</sup>	1		
<b>PRICE CARRIED FORWARD</b>					
<b>PRICE BROUGHT FORWARD</b>					
18.6.	Mazista tiles from floors	M <sup>2</sup>	1		
18.7.	Mazista marble tiles from floors	M <sup>2</sup>	1		
18.8.	<b>BILL 19: SANITARY PLUMBING</b>				
18.9.	Class 0 copper pipes and fittings with soldered type connections:				
18.9.1.	15mm pipes	M	1		
18.9.2.	22mm pipes	M	1		
18.9.3.	28mm pipes	M	1		
18.10.	uPVC pipes for above ground installations:				
18.10.1.	40mm pipes	M	1		
18.10.2.	50mm pipes	M	1		
18.10.3.	110mm pipes	M	1		
18.11.	Water supply to fire appliances[ Galvanized steel pipes]:				
18.11.1.	25mm fittings	No.	1		
18.11.2.	50mm elbow	No.	1		
18.11.3.	50mm Tee	No.	1		
18.11.4.	50 x 25mm Reducer	No.	1		
18.11.5.	50mm flanged adaptor	No.	1		
19.	<b>BILL 20. REMOVING OF EXISTING WORK</b>				
19.1.	Breaking up and removing existing paving blocks, kerbing etc.	M <sup>2</sup>	1		
19.2.	Breaking and removing concrete paving blocks and set aside for re-use	M <sup>2</sup>	1		
19.3.	Breaking and removing brickwork	M <sup>2</sup>	1		
19.4.	Removing of existing tile adhesive/plaster and prepare surface for new installations	M <sup>2</sup>	1		
20.	<b>BILL 21. ROOF COVERINGS</b>				



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ITEM NO.	ITEM DESCRIPTION	SI UNIT	QUANTIT Y	RATE	TOTAL
20.1.	Ridge covering	M <sup>2</sup>	1		
20.2.	Headwall covering	M <sup>2</sup>	1		
<b>PRICE CARRIED FORWARD</b>					
<b>PRICE BROUGHT FORWARD</b>					
20.3.	Side wall flashing	M <sup>2</sup>	1		
20.4.	Counter flashing	M <sup>2</sup>	1		
21.	<b>BILL 22. GLAZING TO ALUMINIUM WITH RUBBER BEADINGS</b>				
21.1.	On glass panes exceeding 0.1 m2 and not exceeding 0.5m2	M <sup>2</sup>	1		
21.2.	On glass panes exceeding 0.5 m2 and not exceeding 2 m2	M <sup>2</sup>	1		
22.	<b>BILL 23. PAVING</b>				
22.1.	Paving blocks laid including 25mm sand layer with joints filled in with and including sand and cement mixture including all straight cutting	M <sup>2</sup>	1		
23.	<b>BILL 25. EXCAVATIONS</b>				
23.1.	Excavate earth not exceeding 2m deep	M <sup>2</sup>	1		
23.2.	Hand excavations to determine the position of existing services	M <sup>3</sup>	1		
23.3.	Back excavations behind retaining walls	M <sup>3</sup>	1		
<b>SUB-TOTAL</b>					
<b>VAT (15%)</b>					
<b>TOTAL</b>					

**1. TOTAL AMOUNT TO BE FORWARDED TO FORM C 1.1 (FORM OF OFFER – FOR REPAIRS AND MAINTENANCE OF MUNICIPAL BUILDINGS AND FACILITIES)**