

SPECIFICATIONS & PRICING SCHEDULE

1. PRETORA DEPOT (SA POST OFFICE) Recommendations for Improvements	Area/Location/Building
2 x Static Cameras – Covering Access and Egress points.	Access Control Area
4 x Static Cameras 2 x Fisheye “360” Camera – 3 shelves 1 x Fisheye “360” Camera – High Value Materials	Stores
2 x Static Cameras – Front Area 2 x Static Cameras – South Area 2 x Static Cameras – East Area	Workshop
1 x Static Camera – Main Entrance to Cash Office 1 x Fisheye “360” Camera – Inside Remission Office 2 x Static Cameras – Remission Office 2 x Static Cameras – A123 Entrance, 1 Cam facing outwards & 1 cam facing inwards.	Head Office Buildings & Remission Office
Total: 21 x Cameras (18 x Static & 3 Fisheye Camera)	

1.1 BOQ for CCTV System for Pretoria Depot (SAPO)

No.	Category	Description of material required	Qty Req.	Unit Cost (VAT exclusive)	Total Cost (VAT exclusive)
1	IP Camera	8MP General Dome Camera Network Camera	18		

2	IP Camera	8MP IR Fisheye WizMind Network Camera	3		
3	General Storage	16CH 1.5U 4HDDs WizMind Network Video Recorder	2		
4	Accessory	Junction Boxes & Ceiling Mount Brackets	1		
5	Basic Network	20-Port Cloud Managed Desktop Gigabit Switch with 16-Port PoE	2		
6	Hard Drive	HDD-ST10000VE000-10TB-256MB-7200RPM-3.5-inch-SATA	2		
Total Amount (VAT Exclusive)					

2. CITY TO CITY GERMISTON STATION

Recommendations for Improvements	Area/Location/Building
<p>6 x Static Cameras - Each Cubicle (6)</p> <p>1 x Static Camera - Passage leading to the Sales office.</p> <p>1 x Static Camera - Covering the Glass Door entrance to the Sales Office.</p> <p>1 x Static Camera - Covering the door.</p> <p>2 x Static Cameras - Covering 2 outside sales windows.</p> <p>1 x Static Camera - Covering Waiting area</p> <p>2 x Static Cameras - Inside Luggage Store.</p> <p>1 x Static Camera - Covering Access Door to the Store, Passage and the Toilets.</p> <p>2 x Static Cameras (Back-to-back) - Covering the Luggage store emergency door leading to the Platforms.</p> <p>1 x Static Camera - Covering the Safe Room</p> <p>1 x Fisheye Camera – Covering the entire Sales Office</p> <p>1 x People Counting Network Camera – Focusing Cash Windows</p>	<p>Shosholoza Ticket</p> <p>Sales Office</p>

Total: 20 x Cameras (18 x Static, 1 x Fisheye & 1 x People Counting Network Camera)

2.1 BOQ for CCTV System for Germiston Station Ticket Sales Office

No.	Category	Description of material required	Qty Req.	Unit Cost (VAT exclusive)	Total Cost (VAT exclusive)
1	IP Camera	8MP General Dome Camera Network Camera	18		
2	IP Camera	8MP IR Fisheye WizMind Network Camera	1		
3	IP Camera	4MP WizMind Dual-Lens People Counting Network Camera	1		
4	General Storage	16CH 1.5U 4HDDs WizMind Network Video Recorder	2		
5	Accessory	Junction Boxes & Ceiling Mount Brackets	1		
6	Basic Network	20-Port Cloud Managed Desktop Gigabit Switch with 16-Port PoE	2		

7	Hard Drive	HDD-ST10000VE000-10TB-256MB-7200RPM-3.5-inch-SATA	2		
Total Amount (VAT Exclusive)					

3. CITY TO CITY PARK STATION

Recommendations for Improvements	Area/Location/Building
2 x Static Cameras - Covering each cubicle (2) 4 x Static Cameras – 2 cameras covering each drop safe. 1 x Fisheye Camera - Covering the entire Sales Office. 1 x People Counting Network Camera – Focusing the cash windows.	City to City Ticket Sales Front Office
Total: 8 x Cameras (6 Static, 1 Fisheye & 1 People Counting Network Camera)	
5 x Static Cameras – Covering each cubicle (5) 1 x Static Camera – Covering the passage leading to the Sales office.	City to City Ticket Sales Back Office

<p>1 x Static Camera - Covering the door.</p> <p>2 x Static Cameras - Covering the drop safe and the staircase.</p> <p>2 x Static Camera - Covering the waiting / queuing area outside Sales windows.</p> <p>1 x Fisheye Camera - Covering the entire Sales Office.</p> <p>1 x People Counting Network Camera – Focusing the cash windows.</p>	
<p>Total: 13 x Cameras (11 Static, 1 x Fisheye & 1 People Counting Network Camera)</p>	
<p>12 x Static Cameras - Covering each cubicle (12)</p> <p>1 x Static Camera - Covering the emergency door</p> <p>1 x Static Camera - Covering the passage</p> <p>1 x Static Camera - Covering the passage/staircase towards the cash office</p> <p>1 x Static Camera - Covering the staircase</p> <p>1 x Static Camera - Covering the door to the cash office.</p>	<p>Shosholoza Ticket Sales Office</p>

<p>1 x Static Camera - Covering the cash office window</p> <p>1 x Static Camera - Covering the drop safe inside the cash office.</p> <p>1 x Static Camera - Covering the emergency door the ground floor.</p> <p>1 x Fisheye Camera - Covering the entire Sales Office.</p> <p>1 x People Counting Network Camera – Focusing the cash windows.</p>	
<p>Total: 22 x Cameras (20 Static, 1 x Fisheye & 1 People Counting Network Camera)</p>	

3.1 BOQ for CCTV System for Park Station City to City Front & Back Ticket Offices

No.	Category	Description of material required	Qty Req.	Unit Cost (VAT exclusive)	Total Cost (VAT exclusive)
1	IP Camera	8MP General Dome Camera Network Camera	17		
2	IP Camera	8MP IR Fisheye WizMind Network Camera	2		
3	IP Camera	4MP WizMind Dual-Lens People	2		

		Counting Network Camera			
4	General Storage	16CH 1.5U 4HDDs WizMind Network Video Recorder	2		
5	Accessory	Junction Boxes & Ceiling Mount Brackets	1		
6	Basic Network	20-Port Cloud Managed Desktop Gigabit Switch with 16-Port PoE	2		
7	Hard Drive	HDD- ST10000VE000- 10TB-256MB- 7200RPM-3.5-inch- SATA	2		
Total Amount (VAT Exclusive)					

3.2 BOQ for CCTV System for Park Station Shosholoza Ticket Office

No.	Category	Description of material required	Qty Req.	Unit Cost (VAT exclusive)	Total Cost (VAT exclusive)
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1	IP Camera	8MP General Dome Camera Network Camera	20		
2	IP Camera	8MP IR Fisheye WizMind Network Camera	1		
3	IP Camera	4MP WizMind Dual-Lens People Counting Network Camera	1		
4	General Storage	16CH 1.5U 4HDDs WizMind Network Video Recorder	2		
5	Accessory	Junction Boxes & Ceiling Mount Brackets	1		
6	Basic Network	20-Port Cloud Managed Desktop Gigabit Switch with 16-Port PoE	2		

7	Hard Drive	HDD-ST10000VE000-10TB-256MB-7200RPM-3.5-inch-SATA	2		
Total Amount (VAT Exclusive)					

4. CITY TO CITY PRETORIA STATION

Recommendations for Improvements	Area/Location/Building
Total: 6 x Static Cameras	
6 x Static Cameras - Each Cubicle (6) 1 x Static Camera - Passage 1 x Static Camera - Open Area (Inside) 1 x Static Camera - Staircase 1 x Static Camera - Roller Door & Area 1 x Static Camera - Main Gate 1 x Static Camera - Bulk Storage 2 x Static Cameras - Drop Safe Room 1 x Static Camera - Fixed to the Station	Shosholoza Ticket Sales Office
Building covering the pedestrian Bridge to STATS SA (Salvokop) 1 x Fisheye Camera - Covering the entire Sales Office. 1 x People Counting Network Camera – Focusing the cash windows.	
Total: 17 x Cameras (15 Static, x 1 Fisheye & 1 x People Counting Network Camera)	

4.1 BOQ for CCTV System for Pretoria Station Shosholozza Ticket Office

No.	Category	Description of material required	Qty Req.	Unit Cost (VAT exclusive)	Total Cost (VAT exclusive)
1	IP Camera	8MP General Dome Camera Network Camera	15		
2	IP Camera	8MP IR Fisheye WizMind Network Camera	1		
3	IP Camera	4MP WizMind Dual-Lens People Counting Network Camera	1		
4	General Storage	16CH 1.5U 4HDDs WizMind Network Video Recorder	2		
5	Accessory	Junction Boxes & Ceiling Mount Brackets	1		
6	Basic Network	20-Port Cloud Managed Desktop Gigabit Switch with 16-Port PoE	2		
7	Hard Drive	HDD-ST10000VE000-10TB-256MB-7200RPM-3.5-inch-SATA	2		
Total Amount (VAT Exclusive)					

5. LIMPOPO AND MPUMALANGA TICKET SALES OFFICES

5.1. The total number of six (6) cameras per site are recommended for nine (9) sites that were assessed in Limpopo and Mpumalanga sales ticket offices.

5.2. BOQ for CCTV System for Limpopo & Mpumalanga Ticket Offices

No.	Category	Description of material required	Qty Req.	Unit Cost (VAT exclusive)	Total Cost (VAT exclusive)
1	IP Camera	8MP General Dome Camera Network Camera	4		
2	IP Camera	8MP IR Fisheye WizMind Network Camera	1		
3	IP Camera	4MP WizMind Dual-Lens People Counting Network Camera	1		
4	General Storage	16CH 1.5U 4HDDs WizMind Network Video Recorder	1		
5	Accessory	Junction Boxes & Ceiling Mount Brackets	1		
6	Basic Network	20-Port Cloud Managed Desktop Gigabit Switch with 16-Port PoE	1		
7	Hard Drive	HDD-ST10000VE000-10TB-256MB-7200RPM-3.5-inch-SATA	1		
Sub Total Amount (VAT Exclusive)					

Total Amount for 9 sites	
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6. CITY TO CITY JOHANNESBURG DEPOT

Recommendations for Improvements	Area/Location/Building
1 x Static Camera - Covering the window outside. 1 x Static Camera - Covering the window inside & the drop safe. 1 x Fisheye Camera - Covering the entire cash office.	Cash Office
Total: 3 x Cameras (2 Static & 1 Fisheye Camera)	
1 x Static Camera - Covering the window on the inside. 1 x Static Camera – Covering the door. 1 x Static Camera - Covering the window outside & the “lucky dip” collection point. 1 x Fisheye Camera - Covering the entire Sales Office	Operations Office
Total: 4 x Cameras (3 Static, 1 x Fisheye Camera)	
1 x Static Camera - Covering the window on the outside for transaction. 1 x Static Camera - Covering the door & the window inside for transaction. 3 x Static Cameras - Covering the 3 shelves. 1 x Fisheye Camera - Covering the entire store, battery area & the upper storage area.	Main Stores
Total: 6 x Cameras (5 Static & 1 x Fisheye Camera)	
1 x Static Camera - Covering the door.	Oil Store
1 x Fisheye Camera – Covering the entire oil store.	

Total: 2 x Cameras (1 Static & 1 x Fisheye Camera)	
1x Static Camera – Covering the door.	Tyre Store
1 x Static Camera – Covering the 2 tyre shelves.	
Total: 2 x Static Cameras	
2 x Static Cameras – Covering Access and Egress Points	Access Control Area
Total: 2 x Static Cameras	

6.1. BOQ for CCTV System for City-to-City Johannesburg Depot

No.	Category	Description of material required	Qty Req.	Unit Cost (VAT exclusive)	Total Cost (VAT exclusive)
1	IP Camera	8MP General Dome Camera Network Camera	15		
2	IP Camera	8MP IR Fisheye WizMind Network Camera	4		
3	General Storage	16CH 1.5U 4HDDs WizMind	2		

		Network Video Recorder			
4	Accessory	Junction Boxes & Ceiling Mount Brackets	1		
5	Basic Network	20-Port Cloud Managed Desktop Gigabit Switch with 16-Port PoE	2		
6	Hard Drive	HDD-ST10000VE000-10TB-256MB-7200RPM-3.5-inch-SATA	2		
Total Amount (VAT Exclusive)					

7. BOQ FOR ALL SITES WHERE ASSESSMENTS WERE CONDUCTED.

No.	Category	Name of the Site	Total Cost (VAT exclusive)
1	Depot	City to City Pretoria Depot	
2	Sales Office	City to City Germiston	
3	Sales Office	City to City Kaalfontein	
4	Sales Office	City to City Park Station Front & Back Office	

5	Sales Office	Park Station Shosholoza Sales Office	
6	Sales Office	Pretoria Station Shosholoza Sales Office	
7	Sales Office	City to City Limpopo & Mpumalanga Sales Offices	
8	Depot	City to City Johannesburg Depot	
Sub Total Amount (VAT Exclusive)			
Total Amount (VAT Exclusive)			