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 Station Street,  
 Taung, 8580

## Bill of Quantities (BoQ)

### POLITICAL OFFICE

Item No.	Description	Specification / Notes	Quantity	Unit	Unit Price (ZAR)	Total (ZAR)
1.	Indoor Dome IP Camera (4MP)	4MP, 25fps, WDR, IR, PoE, varifocal 2.8–12mm, ONVIF	5	Each		
2.	Outdoor Bullet IP Camera (4MP)	4MP, 25fps, WDR, IR ≥30m, IP66, PoE, varifocal	15	Each		
3.	Varifocal Camera	5MP fixed Focal Camera, CS-c8c-R100-1K2WKFL4MM	2	Each		
4.	Network Video Recorder (NVR) 32ch	Supports H.265, HDMI/VGA, 32ch, remote access, RAID support	1	Each		
5.	Surveillance HDD (10TB)	Enterprise surveillance-rated HDD for NVR (eg. 7200 rpm)	1	Each		
6.	PoE Switch (24-port)	Managed PoE switch, Gigabit, sufficient PoE budget (802.3at)	1	Each		
7.	Cat6 U/UTP	Per camera run	1	Drum		



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	Cabling					
8.	PVC Pipes	4-inch PVC pipe		Each		
9.	Patch Panel & Rack Mounting	24-port patch panel, 1U, patch leads, rack ear kits	1	Set		
10.	19" Network Rack / Cabinet	Wall-mount or floor 9U / 12U (as site dictates), locking	1	Each		
11.	32" Monitor	HDMI input, suitable for control room/local desk	2	Each		
12.	UPS	1 kVA with battery runtime sufficient for safe shutdown	1	Each		
13.	Square Tubing Pole	Square tubing 25x25x1.6mm	2	allowance		
14.	Mounting Accessories & Conduits	Brackets, junction boxes, conduit, glands, RJ 45/Cat 6 connectors etc.		Set		



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15.	Labour (Camera Installation, NVR & Network Installation, System Configuration & Commissioning)	Cameras mounting, positioning, cabling, NVR setup, switch config, rack install, cable termination, camera alignment, VMS configuration, remote access, test logs.				
16.	Training	On-site training for ICT/Security Officer (half-day or full-day — specify)	1			
SUBTOTAL		R				



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## ADMIN BUILDING

Item No.	Description	Specification / Notes	Quantity	Unit	Unit Price (ZAR)	Total (ZAR)
1.	Indoor Dome IP Camera (4MP)	4MP, 25fps, WDR, IR, PoE, varifocal 2.8–12mm, ONVIF	4	Each		
2.	Outdoor Bullet IP Camera (4MP)	4MP, 25fps, WDR, IR ≥30m, IP66, PoE, varifocal	15	Each		
3.	PTZ Outdoor Camera	4MP PTZ Outdoor camera	1	Each		
4.	Network Video Recorder (NVR) 32ch	Supports H.265, HDMI/VGA, 32ch, remote access, RAID support	1	Each		
5.	Surveillance HDD (10TB)	Enterprise surveillance-rated HDD for NVR (eg. 7200 rpm)	1	Each		
6.	PoE Switch (24-port)	Managed PoE switch, Gigabit, sufficient PoE budget (802.3at)	1	Each		
7.	Cat6 U/UTP Cabling	Per camera run	1	Drum		
8.	PVC Pipes	4-inch PVC pipe		Each		



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9.	Patch Panel & Rack Mounting	24-port patch panel, 1U, patch leads, rack ear kits	1	Set		
10.	19 Network Rack / Cabinet	Wall-mount or floor 9U / 12U (as site dictates), locking	1	Each		
11.	Square Tubing Pole	Square tubing 25x25x1.6mm	2	Each		
12.	32 Monitor	HDMI input, suitable for control room/local desk	2	Each		
13.	UPS	1 kVA with battery runtime sufficient for safe shutdown	1	Each		
14.	Mounting Accessories & Conduits	Brackets, junction boxes, conduit, glands, RJ 45/Cat 6 connectors etc.		Set		



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15.	Labour (Camera Installation, NVR & Network Installation, System Configuration & Commissioning)	Cameras mounting, positioning, cabling, NVR setup, switch config, rack install, cable termination, camera alignment, VMS configuration, remote access, test logs.		allowance		
16.	Training	On-site training for ICT/security staff (half-day or full-day — specify)	1	Day		
<b>SUBTOTAL</b>		<b>R</b>				

<b>SUBTOTAL (Political + Admin)</b>	<b>R</b>
<b>VAT (15%)</b>	<b>R</b>
<b>Total (incl. VAT)</b>	<b>R</b>

Testing shall be done & handover documentation will be submitted to ICT Manager at the end of the project.