

Mitchells Plain Town Centre Improvement NPC  
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**BID NO: 03/2019**

**TENDER DOCUMENT**

**FOR THE**

**INSTALLATION OF AN**

**IP CCTV AND**

**MANAGEMENT**

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### **1. PREFERRED BIDDER QUALIFICATION CRITERIA**

- Corporate Entity ( CC or PTY Ltd ) to have minimum of 5 years Experience in the Security Industry
- To be Registered /Accredited with PSIRA – Private Security Industry Regulatory Authority
- To have a Valid Tax Clearance from SARS
- To be VAT Registered
- To have a Valid Hard Copy Health and Safety File with current Letter of Good Standing and COID Registration
- To have 3 Letters of Reference for Project Works Completed from Corporate/Parastatal Clients for similar Scope of Works
- To have Registered Offices in the greater Cape Town Area -Western Cape
- To have an understanding of the Geographical and Locality parameters of the MPTCID as outlined below
- To be able to demonstrate knowledge of the Unique Security Environment and Landscape of the MPTCID as defined Geographically by the attached Map
- To have Read and Interpreted ALL Relevant Documentation pertinent to the Mitchells Plain Town Centre Improvement District as can be viewed at [www.MPTCID.co.za/documents](http://www.MPTCID.co.za/documents)

### **2. TECHNICAL SPECIFICATION – IP CCTV INSTALLATION**

- To setup procure and install an IP CCTV System to adequately cover the predefined Egress and Entry points at the Gate Closures for the MPTCID Area and the Entire Boundary Perimeter of the MPTCID Area as per the attached Map (see the Locality and Geographical Area of the MPTCID) utilising the Installation Specifications (HIKVISION OR EQUIVALENT) listed below that will make up the Installation Bill of Quantities per CAPEX (capital expenditure) :
- 64 Channel NVR with 20 TB of Storage
- 32 x 5MP Darkfighter Exterior Bullet 50m Range Varifocal IP Cameras
- 8 x 2MP Exterior Bullet 20m Range IP Cameras
- 15 x 4 Port POE Gigabit Network Switches
- 3 x 2 Port POE Gigabit Network Switches
- 13 x 5GHZ Wireless Microwave Links
- 6 x 500m Rolls of Shielded Cat 6 Cable
- 17 x IP 66 Rated PVC Enclosures

# Mitchells Plain Town Centre Improvement NPC

## Mitchells Plain Town Centre Improvement NPC

- Installations Sundries
- Allow for electrical civils/power solutions with Compliance Certification

### **3. TECHNICAL SPECIFICATION – ONSITE CCTV CONTROL ROOM INSTALLATION**

- NVR to host up to 64 IP based cameras(See IP CCTV Installation above)
- INTEL i5 – PC (Gigabyte H81m-Ds2 Skt1150 M-At, Intel Cpu Core I5 Haswell, WD Purple 4tb 3.5)
- MS Windows 7 - Professional
- Server cabinets in Control Room
- Monitoring Stations - 21.5" LED Displays - HDMI, VGA, SPK
- Fit out new control room - including chair, cable trays, fittings and carpentry workspace and screen mounting
- Gigabit switches in server cabinet
- Gigabit wireless point to point link
- Shielded Cat5e cabling
- Allow for electrical civils
- Secure the premises (16m/2 - 20m/2) to house the On Site Control Room within the locality of the MPTCID Area
- The Installation Specifications listed above to make up an Installation Bill of Quantities per CAPEX (capital expenditure)

### **4. CONTROL ROOM – ANALYTICS SPECIFICATIONS**

- CCTV monitoring to be used with minimum analytic rules modules
- Area intrusion
- Loitering
- Object classification [human/vehicles/animals]
- Object tracking
- Unusual behaviour [self learning human exception analysis]
- Camera tampering
- License plate recognition
- Software to be able to provide:

# Mitchells Plain Town Centre Improvement NPC

## Mitchells Plain Town Centre Improvement NPC

- Automated and real time adhoc video reports to designated email addresses
- Automated summary reports with count of quantity of alerts per month
- Automated camera health monitoring and uptime reports
- Routine video reports to designated email addresses
- Supervisor incident escalation for further investigation

### **7. SCOPE OF WORK – MAINTENANCE (ONSITE IP CCTV SYSTEM)**

- Responding to Emergency service requests on-site, if and when required.
- Pro-Active Maintenance
- Preventative Maintenance
- Corrective Maintenance
- Critical Call Out
- Normal Call Out
- Service provider recommended preventative maintenance and corrective measures
- 24/7 and 365 Operational Support
- Monitored e-mail support
- The contractor shall maintain the system in full operating condition and maintain proper and effective record keeping including CCTV diagram / floor plan. This shall include all repair and replacements due to normal wear and tear of any of the parts of the equipment.

### **8. QUOTATION SUBMISSION FOR IP CCTV AND CONTROL ROOM**

The following documents / information must be included in the quotation submission:

2.1 A comprehensive CCTV report, including the following:

- Photos of camera placements
- Recommendations for replacement of current system

2.2 Service Agreement

- Service Agreement - per month

# Mitchells Plain Town Centre Improvement NPC

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- Monday – Friday 08h00 -17h00
- Quarterly Camera Clean (Including written report)
- Including 1 day or 8 hour onsite callout per month.

Callout to include R 250.00 consumables per month

The proposal shall include response and repair time.

**\*Service provider to provide for both manned and offsite monitoring costs quantity will be for the discretion of the service provider**

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Quality	Description /details	Cost per Unit	Total Amount Excl. Vat per month	Total Amount Excl. Vat for 12 months
	127 offsite monitoring - uncapped qty of alert processing		R	R
	License Fee - Area intrusion - Loitering - Object classification [human/vehicles/animals] - Object tracking - Unusual behaviour [self learning human exception analysis] - Camera tampering		R	R
	Connectivity - 10Mb link		R	R
Quantity	Description / details	Cost per Unit	Total Amount Excl. Vat per month	Total Amount Excl. Vat for 12 Months
	247 Grade C Controller		R	R
	Base Station		R	R
	Guard Monitoring Patrol System		R	R
	Site Cell phones @ R 500.00 (R350 airtime & R150 data)		R	R