






Transport Telematics Africa (Pty) Ltd

Consulting Engineers & Project Managers

FIRM'S REFERENCE		
ASSIGNMENT NAME Gugulethu Mannenberg CCTV project	LOCATION Gugulethu and Mannenberg, Cape Town	
 <p>Using a cherry picker to determine camera views</p>	 <p>Typical view obtained with a camera</p>	
	 <p>Mannenberg Radio collection point</p>	
NAME OF CLIENT Ridwan Wagiet – Director: Metro Police CCTV Ridwan.Wagiet@capetown.gov.za City of Cape Town Metro Police Department Strategic Surveillance Unit	PROFESSIONAL STAFF PROVIDED BY THE FIRM AND FUNCTIONS PERFORMED Wehan Wessels Pr Eng B Eng (E&E): Overall design, contract management and site inspections Johan Badenhorst: Design, contract management and site inspections	
DURATION OF ASSIGNMENT 22 months	NAME OF ASSOCIATED CONSULTANTS	
START DATE October 2007		COMPLETION DATE August 2009
APPROX VALUE OF PROJECT Available on request		



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NARRATIVE DESCRIPTION OF PROJECT

This project required the supply, installation and commissioning of a wireless digital CCTV urban surveillance system, which integrates with the SSU Metro Police Control Centre at N1 House, N1 City. The system consists of 8 surveillance cameras and makes use of a high-speed digital IP network for all signal transmission. The cameras are installed on 12m metal masts which are used for CCTV installations throughout Cape Town.

The communications infrastructure consists of multiple point to point wireless LAN systems and connects at Mannenberg Police Station into an existing fibre optic cable that forms the backbone of the Cape Town CCTV network.

The Control Centre equipment consists of a networked digital video recording system to store the video footage and an evidence review station with monitors and control keyboards to view the live video streams. Network switches enable communication between the cameras and the various components of the system which is managed by an integrated video management system. The existing control room was adapted to accommodate the new consoles.

DESCRIPTION OF ACTUAL SERVICES PROVIDED BY THE FIRM

To design, inspect and contract management of the CCTV surveillance installation for Gugulethu.