






Transport Telematics Africa (Pty) Ltd

Consulting Engineers & Project Managers

FIRM'S REFERENCE	
<p>ASSIGNMENT NAME</p> <p>CCTV Safety and Security Installation for the Central Business District and 2010 Soccer World Cup Fan Mile Walkway</p>	<p>LOCATION</p> <p>Cape Town Central Business District and Surrounds</p>
<div style="display: flex; justify-content: space-around;">   </div> <p>Camera installations on Somerset Hospital and on Buitengracht Street</p>	
<div style="display: flex; justify-content: space-around;">    </div> <p>Different methods of installing cameras located in and around the CBD</p>	
<p>NAME OF CLIENT</p> <p>Ridwan Wagiet – Director: Metro Police CCTV Ridwan.Wagiet@capetown.gov.za</p> <p>City of Cape Town Metro Police Department Strategic Surveillance Unit</p>	<p>NAME OF SENIOR STAFF (PROJECT DIRECTOR / COORDINATOR, TEAM LEADER) INVOLVED AND FUNCTIONS PERFORMED</p> <p>Wehan Wessels B Eng Pr Eng (E&E) and Johan Badenhorst: Overall design, contract management and site inspections</p>



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DURATION OF ASSIGNMENT 13 months		NAME OF ASSOCIATED CONSULTANTS INVOLVED AND FUNCTIONS PERFORMED
START DATE November 2009	COMPLETION DATE December 2010	
APPROX VALUE OF PROJECT Available on request		
NARRATIVE DESCRIPTION OF PROJECT <p>This project involved the installation of a digital urban CCTV surveillance system, which integrates into the Communicare Control Room of the Metropolitan Police Department of the City of Cape Town. The system consists of 32 surveillance cameras installed in positions in and around the CBD where gaps in existing surveillance were found, thereby providing greater coverage of the inner city and surrounding areas. These areas include Gardens, Table Bay Boulevard, Greenpoint, around the Stadium and in the CBD.</p> <p>The Central Control Centre equipment consists of a networked digital video recording system and various network switches integrated with a video management system and an additional four monitoring stations. Video consoles with monitors and PTZ control keyboards were provided and installed at each monitoring station. This enables all the video feeds from the cameras to be monitored on a 24hr basis. The PTZ keyboards enable the operators to zoom into any picture should an event occur where closer observation is required or where tracking of people is necessary.</p>		
<p>The communications infrastructure consists of an optical fibre network that was installed by the City of Cape Town's IT department. Liaison with the management of this contract took place to ensure that fibre was installed in all the areas where the cameras were required. The fibre runs through out the CBD and terminates in the Communicare building. The backbone communications is controlled by Cisco 10Gigabit Ethernet switches.</p>		
DESCRIPTION OF ACTUAL SERVICES PROVIDED BY THE FIRM To design, inspect and contract management of the CCTV surveillance installation for Cape Town Central Business District and Surrounds.		