



# Transport Telematics Africa (Pty) Ltd

Consulting Engineers & Project Managers

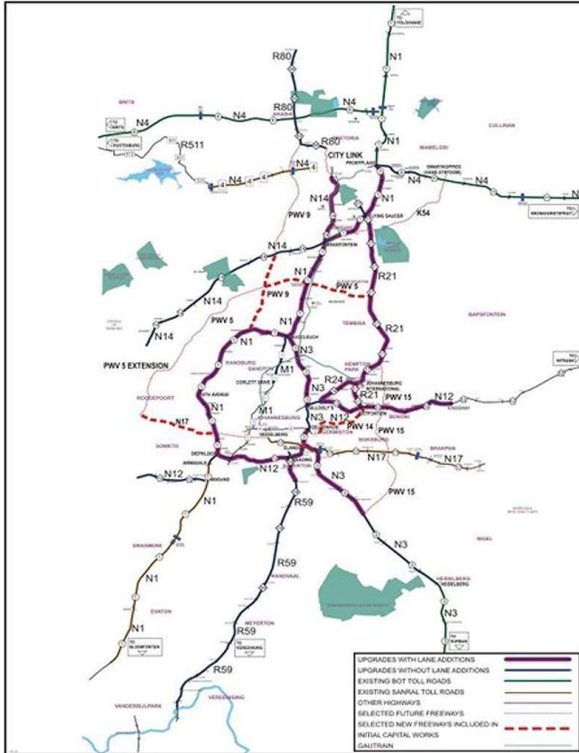
## FIRM'S REFERENCE

### ASSIGNMENT NAME

Gauteng Open Road Tolling Project:- Contract Compliance and Risk Management

### LOCATION

Johannesburg, Gauteng



Map of the Gauteng national roads and upgrades



Overhead tag reading, automatic number plate recognition and vehicle classification equipment on gantry structure



The electronic transponder (e-tag) which records when the user passes under a gantry and deducts the toll fees from their e-toll account

### NAME OF CLIENT

Salahdin Yacoubi: Chief Executive Officer  
Electronic Tolling Company (Pty) Ltd

### PROFESSIONAL STAFF PROVIDED BY THE FIRM AND FUNCTIONS PERFORMED

Keith MacHutchon (Pr Eng): Contract Compliance and Risk Manager  
Ryno Jordaan (Pr Eng): Compliance Matrix Manager



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<b>DURATION OF ASSIGNMENT</b> Ongoing		<b>NAMES OF MAIN CONTRACTORS ASSOCIATED WITH THE PROJECT</b> Kapsch TrafficCom AG
<b>START DATE</b> July 2011	<b>COMPLETION DATE</b>	Traffic Management Technologies (Pty) Ltd.
<b>APPROX VALUE OF PROJECT</b> Available on request		
<b>NARRATIVE DESCRIPTION OF PROJECT</b> <p>The Gauteng Open Road Tolling Project was commissioned by the South African Roads Agency Ltd. in order to finance the upgrading of a network of approximately 185km of freeway in Gauteng.</p> <p>This project uses electronic and automated methods of levying and collecting toll charges using 42 Tolling Points and is estimated to generate in excess of 2 million Tolling Point vehicle passages per day. The project comprises of the following sub-systems: Road Side Systems (overhead gantries), Open Road Tolling System Back Office, Transaction Clearing House and Violations Processing Centre.</p> <p>It is planned that the last two of these sub-systems will also service the other toll roads in South Africa in the future.</p> <p>An Open Road Tolling transaction is registered when a vehicle drives through an overhead gantry point either by means of an electronic tag or by means of an automatic number plate recognition system. This transaction is then booked to the vehicles registered pre- or post-paid account or to an unregistered account that needs to be collected afterwards.</p> <p>The contract used for this project was a FIDIC - Design, Build and Operate Projects contract also known as the FIDIC Gold Book.</p>		
<b>DESCRIPTION OF ACTUAL SERVICES PROVIDED BY THE FIRM</b> <p>Transport Telematics Africa was appointed to perform contract compliance and risk management on the project for the contractor.</p>		