



Transport Telematics Africa (Pty) Ltd

Consulting Engineers & Project Managers

FIRM'S REFERENCE

ASSIGNMENT NAME

Cape Town BRT Automatic Fare Collection System

LOCATION

Tableview to Civic Centre, Airport to Civic Centre and Central Business District, Cape Town



A typical BRT Station



AFC Payment Equipment on board a bus and at a station

NAME OF CLIENT

Chantal Greenwood - City of Cape Town

PROFESSIONAL STAFF PROVIDED BY THE FIRM AND FUNCTIONS PERFORMED

Wehan Wessels (Pr Eng)
Ryno Jordaan (Pr Eng)
Amy Stevens (BSc (Elec) Eng)



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DURATION OF ASSIGNMENT Ongoing		NAME OF ASSOCIATED CONSULTANTS Techso (Pty) Ltd	
START DATE February 2011	COMPLETION DATE		
APPROX VALUE OF PROJECT Available on request			
NARRATIVE DESCRIPTION OF PROJECT <p>TTA are sub-consultants for the implementation of the Automatic Fare Collection (AFC) System for the Phase 1A of the "MyCiTi" Bus Rapid Transit (BRT) System in Cape Town.</p> <p>The electronic fare system will be implemented on the two Phase 1A trunk routes and the feeder routes which furnish these trunks. The trunk routes extend from Civic Centre in town along the R27 to Tableview and on to Atlantis and from Civic Centre to the Cape Town International Airport. The feeder routes consist of two opposing loops around the city centre and an additional route into Hout Bay and a number of routes in the Montague Gardens, Tableview, Blouberg, Big Bay and Parklands areas.</p> <p>The AFC System will ultimately consist of permanent gates with card validator units at each of the stations and on-board card validators on each of the buses which will require a person to tap their EMV compliant card upon entering and exiting the bus system. The relevant fare will be calculated based on the distance travelled and will be automatically deducted from the value previously loaded onto the card.</p> <p>TTA has been involved in the AFC project from the beginning of its implementation stage and is responsible for checking all the technical design work submitted by the contractor and for doing post installation commissioning. Both these tasks ensure that the system design and installed equipment is both technically sound while providing the client, the City of Cape Town, with the best value possible.</p>			
DESCRIPTION OF ACTUAL SERVICES PROVIDED BY THE FIRM Transport Telematics Africa was appointed for design review and commissioning of the project.			