

## **FOREWORD**

Delhi Metro Rail Corporation Ltd. (DMRC), a Joint Venture Company owned 50% by the Government of India and 50% by Delhi Government, is entrusted with planning, design, implementation and operation of the Delhi Metro Project. Presently Phase I of Delhi Metro Project covering three lines aggregating to 61.3 kms. is under implementation. The first section of Line No.1 from Shahdara to Tis Hazari was commissioned for commercial operations on 24<sup>th</sup> of December, 2002 by the Hon'ble Prime Minister of India.

The successful planning and implementation of the Delhi Metro Project encouraged the Government of Karnataka to avail the DMRC's expertise for the planning, investigation and preparation of a Detailed Project Report for two metro lines in Bangalore City, one in the East West direction and the other in the North South direction. The Karnataka Government vide their D.O. letter No.UDD 144 PRJ 2002 dated 19.9.2002 conveyed their consent to DMRC to take up the DPR work and based on the instructions conveyed in this letter, M/s Bangalore Mass Rapid Transit System Ltd. (BMRTL) placed an order on DMRC vide letter No.BMRTL/DMRC/02/372 dated 31.10.2002 for the same for taking up this assignment..

DMRC took up the field studies and identified the two corridors which were then cleared in principle by Karnataka Government vide their letter No.UDD 144 PRJ 2002 dated 19.9.2002 and No.UDD 144 PRJ 2002 dated 19.10.2002 respectively.

DMRC carried out the topographical and traffic surveys with the assistance of M/s RITES who also assisted us in drawing up the DPR. The detailed geo-technical studies were got done through Torsteel Research Foundation in India, Bangalore (TRFI). For the environmental studies the services of the Department of Environmental Sciences, Bangalore University were availed. Similarly, for carrying out the fare structure study and for arriving at the fares to be levied, the services of National Council of Applied Economic Research (NCAER), Delhi were taken. The

studies in regard to financing the project and for arriving at the financial analysis, DMRC availed the assistance of M/s ICICI.

During the preparation of the Detailed Project Report there were constant interaction with the Karnataka Government and various Governmental and City Agencies. We wish to place on record particularly the assistance rendered by M/s BMRTL, who had made available some of the previous studies and relevant information needed for preparing this Report.

We also wish to place on record the valuable assistance received from M/s RITES, M/s TRFI, University of Bangalore, NCAER and M/s ICICI in compiling this Report.

This report is really a compendium of study results carried out by DMRC with our unique background, experience and with considerable effort. The technical solutions recommended herein are the sole property of DMRC. These cannot be copied or made use of by any other agency or person except for the sole use of Bangalore city, without the consent of DMRC.

(E. Sreedharan)  
Managing Director,  
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New Delhi  
26.05.2003