***To Study The Feasibility Of Metro Rail In Nagpur***

Nikhil Sontakke

***ABSTRACT***

Nagpur is the third largest city of Maharashtra and also the winter capital of the state. With a population of approximately 25 lakhs. It has also recently been ranked as the cleanest city and the second greenest city of India. In early 2012 Nagpur Improvement Trust (NIT) requested DMRC to provide Consultancy services for preparation of a Detailed Project Report for Metro Rail System in Nagpur, Maharashtra initially for 30 Km which was revised to 42 Km in July 2012.

Metro system is much preferred in any city for their high-capacity and attractive features. They move fast and are environment-friendly. With this, the metro trains offer excellent financial viability.

However, if considered from the point of view of Nagpur, the metro system is much needed for following reasons:

* Several pockets in the city and its sub-urban areas are not connected by rail-based mass transit system
* For the protection of environment
* Limitations that are faced in the expansion of road network
* Present rail and road scenario not apt for future travel needs
* The role of bus system is limited in the area of offering feeder services to railways
* Bus network alone cannot match the future travel demands

Hence, in order to meet these challenges and to make travellers & to make journey smooth and fast, the metro system in Nagpur is in progress.