

Automatic Fare Collection

Swipe. Pay. Move.

The Common Mobility Card



Tickets will be available in three forms – Paper tickets using QR codes, mobile tickets (digital QR codes) and the MAHA CARD. QR Code tickets will be available in three options – single journey, return journey and group tickets.

Nagpur Metro wants its passengers to enjoy the most convenient and seamless travel experience. We perceived the need to integrate all transport facilities throughout Nagpur—without which it would not be possible to make Nagpur Metro more favourable than the personal two-wheeler most commonly used for intra-city travel.

To bring this vision to life, Nagpur Metro introduced the MAHA CARD – a bank issued, co-branded open loop smart card which will function as an all-inclusive payment option across all merchant establishments. Payment using MAHA CARD will be integrated with Metro rail, city buses, parking spaces, vehicles for-hire, shopping malls, retail stores and even public utility

facilities. As Nagpur takes ambitious strides toward development, the MAHA CARD puts Nagpur Metro in the league of the world's best connected cities. In India, the MAHA CARD is nothing short of revolutionary. Inspired by London's Oyster Card and Chicago's Ventra®, the MAHA CARD takes convenience in public transport to the next level.

Passenger-centric approach

Above all else, Nagpur Metro wanted to ensure convenience to its commuters. Automation across the entire city—metro, buses, retail, utility—was a massive project, but the goal was clear. Nagpur Metro joined hands with Nagpur Municipal Corporation to bring them on board for the common mobility program

and provide integration throughout the city. Further, the MAHA CARD will provide ease of use, eliminate long queues and ensure a hassle-free transit. In order to boost consumer acquisition, Nagpur Metro has been able to negotiate promotions/discounts and loyalty rewards for commuters.

Promoting Digital India. Building a cashless economy.

Nagpur Metro shares the vision of a Digital India and a cashless economy. The AFC and MAHA CARD are endeavours in that direction. A special effort has been made to provide convenience on-the-go to the passenger at multiple points.

Cashless ticketing options provided across Nagpur Metro:

MAHA CARD
QR Codes
NFC wallets & Mobile ticketing
Web & mobile top-ups

Transit to transactions

The many uses of the MAHA CARD



Innovative Financing

Installation, Operation and Maintenance of Automatic Fare Collection System on the basis of PPP.

Technical details of Maha Card

- Maha card is a dual interface card i.e. chip based contact and EMV based contact-less smart card.
- Maha card can be used for transit purposes in Maha Metro, feeder busses, parking, retail transactions, utility payments etc.
- Maha cards may be issued at the metro stations and at the branches of SBI.

AFC Business Model

- Consortium led by M/s. State Bank of India (SBI) along with M/s. Aurion Pro & M/s. SC Soft as other partners are Maha-Metro's contractor for Automatic Fare Collection.
- Full up-front Capital Cost of Rs. 260 Crores to be borne by the Consortium.
- Maintenance cost for 10 years will also be borne by the Consortium.
- Consortium will pay royalty of Rs. 30 Crores to Maha-Metro.
- Consortium gets 4% Fare-box Revenue Share of Nagpur Metro.
- Maha-Metro will get 25% share on transaction costs of non-transit use of card.
- Consortium has exclusive issuance rights for Metro & Bus commuters.

 **The above resulted in total savings of Rs. 300 Crores from DPR cost to Maha-Metro.**