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L&T-Scomi to Build India's First Monorail System

Consortium Bags Rs. 24.6 Billion order

Billion **& a** Core)orde r fom the Mumbai Metroplitan **E**gion **D** velopn ent At brity (MM) Beo impement the count ry's frst Monorail System in Mumbai.

impernentation of several large turn kep ojects. Scom i Eigineering is one of the orlearlear d's top thee monorail manufacturers, and ofers urban transport ation solutions by poviding the latest monorail electro-mechanical systems and rolling stoks.

The project involves Designing, Constructing, Installation, Testing & Commissioning and Integrated Testing including Train Trail with initial Operation & Maintenance from Gadge Maharaj Chowk (Jacob Circle) to Wadala (approx. 11 kms) and Wadala to Chembur via Mahul (approx 9 km) corridor on a Lump Sum Turnkey (LSTK) basis. The Monorail will have 18 stations enroute. The project is to be completed in a tight schedule of 30 months.

The Straddle type Monorail System complies with the highest international standards of safety and reliability. It is a modern urban transport system where the cars move on a single beam in an elevated corridor. The design makes it possible to execute the project on a fast-track as it requires a small foot- print and facilitates implementation with minimal demolition of structures. Other advantages include greater reliability, high manoeuverability, lower cost and an eco-friendly design. These factors make Monorails an attractive option for Mumbai where land is a scarce resource. The Monorail also helps in negotiating sharp curves and can handle gradients up to 6%. Th

highly crowded Jacob Circle, Wadala and Chembur area. The monorail will provide interconnectivity to the existing sub urba

Background:

A year ago, L&T, as a part of its new initiatives, launched a dedicated Railway Business Unit with the objective of targeting the emerging opportunities in Rail Sector such as Dedicated Freight Corridor, Railway Station Modernization, Merry-Go-Round Systems for Power Plants, Ports, Steel Plants, rail based Urban Mass Transportation systems like Monorails, Metros and Light Rail Transport Systems, etc.

Design & Project engineering capability have been developed in L&T's Railway Business Unit to address various rail sector projects in an integrated and comprehensive manner and to provide one stop shop for all types of railway related requirements. L&T is also looking at participating in various upcoming PPP projects in rail sector viz., Rolling Stock Manufacturing, Station Redevelopment, Urban Mass transit systems, etc.