



METRO & TRANSIT

Integrated Engineering with IT Enabled Services


OUR PRESENCE

USA 

OMAN 

INDIA 

BANGLADESH 

PHILIPPINES 

MALAYSIA 

ZAMBIA 



Corporate Offices



150+

Professional Staff



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PROJECT HIGHLIGHTS

FEASIBILITY AND TECHNICAL STUDY

- Mumbai – Ahmedabad High-Speed Rail Technical Study (Package C-1)
- Mumbai Monorail – NFBR Study
- Technical Assistance to Ministry of Railway

ENGINEERING, DESIGN & MANAGEMENT

- Mumbai – Ahmedabad High-Speed Rail (Design Services for C-2 Package)
- Mumbai Metro Line 7 Stations – Foot over Bridges
- Mumbai Suburban Railway Station Development Project (19 Stations)
- Mumbai Metro Line 3
- Metro Stations Integration Facilities for Mumbai Metro Line 2A & 7
- Mumbai Suburban Railway Infrastructure Development for Trespass Control measures

OPERATIONAL AND MAINTENANCE (O&M) SERVICES

- Mumbai Metro Line 1
- Mumbai Metro Line 2A & 7 (CBTC Signaling System)
- Navi Mumbai Metro Line 1



FEASIBILITY & TECHNICAL STUDIES RAILWAY/METRO/MONORAIL



MUMBAI – AHMEDABAD HIGH SPEED RAILWAY TECHNICAL STUDY (C-1 PACKAGE)

- High Speed Rail Corridor ~ 508 km long
- Partially Elevated & Underground
- 12 Stations and 2 Depots
- Maximum Operation Speed ~ 320 Km/hr

MUMBAI MONORAIL – NFBR STUDY

- Survey to assess the market demand
- Study other models, analyse & finalize best model to maximize revenue
- Assisting MMRDA in finalizing, publishing the RFPs and undertaking the bid process
- Bid evaluation
- Demand assessment
- Coordinating with MMRDA team to place the equipment

TECHNICAL ASSISTANCE (TA) to the MINISTRY of RAILWAYS of the REPUBLIC of INDIA for PUBLIC PRIVATE FRAMEWORK

- Develop new Leasing & Public Private Partnership (PPP) Framework
- Review of Financial Structuring for Indian Railway (Rolling Stock System)
- Developed Implementation Plan

ENGINEERING, DESIGN & MANAGEMENT

Mumbai – Ahmedabad High-Speed Rail (Design Services for C-2 Package)

- Technical Study on NATM Portal to support MIDC Water Pipeline
- Engineering Investigation
- Detailed Designing of NATM Portal

Mumbai Metro Line 7 Stations – Foot over Bridges

- Engineering Survey and Investigation
- Planning
- Detailed Design
- Project Management
- Construction Supervision

Mumbai Suburban Railway Station Development Project (19 Stations)

- Detailed Design & Engineering Services
- Assist in preparation of BOQ and Tender Documents.
- Proof Checking from IIT, Mumbai & Review of Reports & Drawings including presentation

ENGINEERING, DESIGN & MANAGEMENT

Mumbai Metro Line 3

- Provided engineering services including supervision, project management for civil engineering structures, tracks, signals, telecom facilities, traction arrangements, air conditioning & ventilation, rolling stock, car depots, stations operation control centre, offices, station integration areas and underground sections over the project route, integration with other modes of transport etc.

Metro Stations Integration Facilities for Mumbai Metro Line 2A & 7

- Proof-check detailed design drawings
- Study & verify the reports
- Project Management
- Construction Supervision
- Value Engineering
- Contract Management

Mumbai Suburban Railway Infrastructure Development for Trespass Control measures

- Engineering Detailed Design and Management
- Bid Process Management
- Construction Supervision

OPERATIONAL & MAINTENANCE (O&M) & SUPPORT SERVICES



Mumbai Metro Line 1

- Independent Engineer for Operation and Maintenance including Civil and Systems
- Preventive Maintenance of all systems including Rolling Stock, E&M, Traction and Power Supply, Signalling and Telecom
- Periodic Review and Structural Audit of Viaduct & Cable Stay Bridge. Also Include Steel Span Over Railway Crossing.

Mumbai Metro Line 2A & 7 (CBTC Signalling System)

- To carry out preventive maintenance in appropriate manner for the most optimized output for CBTC System (U400)
- Establish best practices for Corrective Maintenance so as to reduce down time to minimum.

Navi Mumbai Metro Line 1

- Operation and Maintenance Bid Documents review.
- Development of High Level Financial Model
- Risk Identification analysis.
- Development of Optimum Mitigation Strategy



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