BARSYL
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PROJECTS EXPERTISE

AN OVERVIEW

Rail Engineering Excellence.
Powering Mobility.

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PROJECTS EXPERTISE

ABOUT US

BARSYL
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Commenced operations in **1986.**

Specialized, **Rail Focused**, Indian Multinational

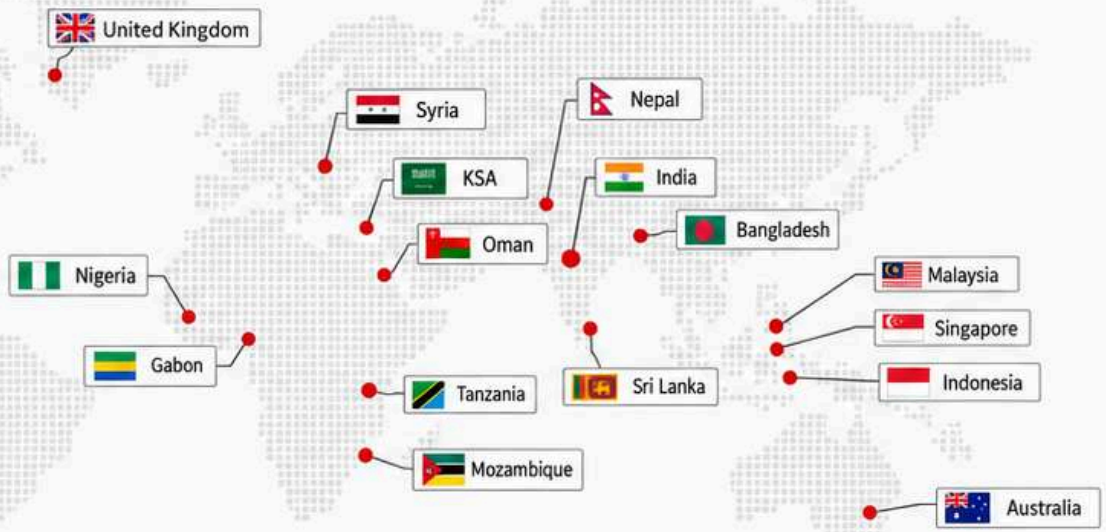
A **Global Consulting** organization with over three decades of specialized Railway experience.

Executed Projects in **18 countries** across **5 Continents.**

Industry Recognition:

- CEAI National Award for Excellence in Project Engineering 2024
- Best Services Company from Industries and Commerce Department - Government of Telangana – 2024
- Iconic Brand of Year – 2023
- National Award for Consumer Insight of the year 2023.
- Winners of 5th edition of Iconic Brand of the year award 2023.
- INDIA 5000 BEST MSME AWARDS – 2023.
- Leaders of Global Magazine as 10 Most successful Consultant Companies of 2022
- SME Empowering India Awards – 2021
- Rail Analysis SME of the Year- 2020
- SIDBI-ET India MSE Best Exporter Award – 2019
- Corporate Excellence Awards, CV Magazine – 2018
- INDIA 5000 Best MSME Awards – 2017
- India Small Giants, MSME's of India – 2013-2014
- BOI India SME 100 SME Award – 2012
- EPC World Award, Best Emerging Consultant – 2011
- EPC World Award, Best Railway Consultant - 2010

GLOBAL EXPERIENCE



1200+ Completed Projects

25+ Urban Transit Assignments

500+ Railway Professionals

ISO 9001
BUREAU VERITAS Certification

UKAS MANAGEMENT SYSTEMS 0008

PROJECTS EXPERTISE

THE FOUNDERS

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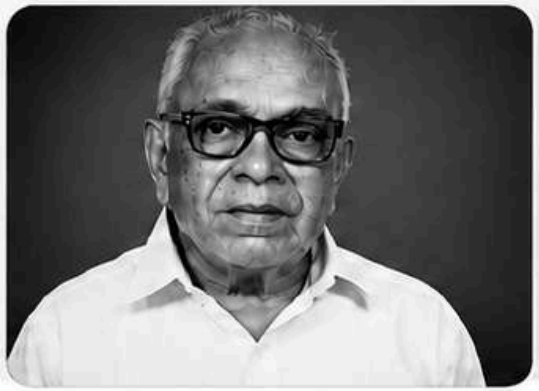
Late Shri. H.C. Shrivastava

Retd. Dy. Chief Engineer, IR

Late Shri. Arjun Pershad

Retd. General Manager, IR



Late Shri. T.V. Srinivasan

Retd. Chief Commercial Manage.
IR

Late Shri. M.P. Sankarnarayanan

Ex. MD, Ventra Locomotives

Late Shri. M.V. Srinivasan

Retd. Member Traffic, Indian Railway Board

Late Shri. M. Raja Rao

Retd. Chief Engineer, IR

DIRECTORS

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M. Ravindra
Non-Exe Chairman

Sunil Srivastava
Managing Director

V. B. Gadgil
Independent Director

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Manoranjan Pershad
Director Corporate Affairs

N. Madhusudhan Rao
Independent Director

V. Ramakrishnan
Director – Strategy

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SIGNATURE PROJECTS

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Planning

- Delhi-Alwar RRTS
- Nacala Corridor, Africa
- Bijwasan Railway Station
- Colombo Suburban Rail
- Madurai Metro
- Bhubaneswar Metro
- Airport Rail, Bangalore
- RRTS Corridors, CMRL

Design

- MMRDA-Monorail Rolling Stock
- GE-Locomotive Maintenance Facility
- Dhaka Metro, Line 6
- Delhi Metro Phase-III
- Kulaura – Shahbapur, Bangladesh
- Major and Minor Bridges, NCR
- KRIDE-Maintenance Depots
- MMRDA-Monorail Evacuation Plan
- Etihad Rail Phase-II, UAE
- Konkan Railway - Self propelled car
- Mechi-Mahakali Railway, Nepal

Project Management

- CMRL Phase I
- CMRL Phase II
- DMRC Phase IV
- DFCC Khurja-Dadri
- EMU Factory, Kanpur
- SGR, Tanzania
- Pamban Bridge, RVNL
- Kavach Implementation
- Vande Bharat Factory, Latur

Advisory

- Hyderabad Metro
- Mumbai Monorail, MMRDA
- KL Monorail, Malaysia
- O&M Strategy, CMRL
- Capacity Building, Tanzania
- Chennai Monorail

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PRE-PROJECT ADVISORY

Strategic guidance at the earliest stage.
Stronger projects. **Smarter investments.**

FEASIBILITY STUDIES
(Techno-Economic, Demand Forecasting, Route Planning)

MASTER PLANS
(Urban Integration, Multimodal Strategies)

PROCUREMENT SUPPORT
(Tender Documentation, Bid Evaluation)

TRANSACTION ADVISORY
(PPP Structuring, Concession Agreements)

Outcome: Informed decision-making & investor confidence

FEASIBILITY AND STUDIES – CONVENTIONAL RAIL

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Dhaka-Chittagong Doubling
Client: Bangladesh Railway

Nacala Corridor
Client: Nacala Logistics, Mozambique

Bintulu Railway Network
Client: Bintulu Development Authority, Malaysia

Bijwasan Station, Delhi

Panvel Station, Mumbai

New Delhi Railway Station

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FEASIBILITY AND PLANNING – URBAN RAIL

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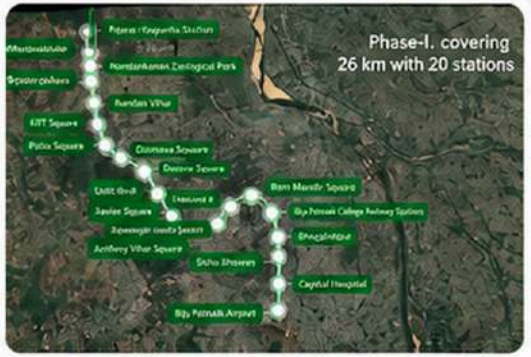
Colombo Suburban Railway
Client: Sri Lanka Railways

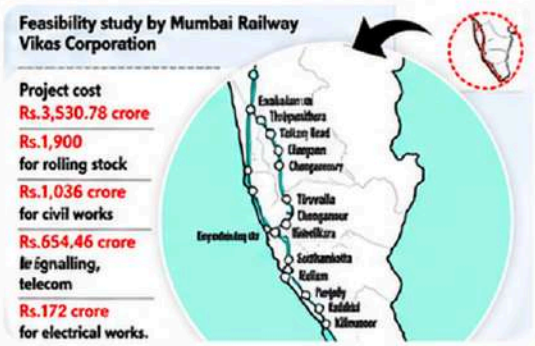
Bengaluru Airport Suburban
Client: Bengaluru International Airport



Bhubaneshwar Metro
Client: Govt. Of Odisha

Hosur-Bommasandra
Client: Chennai Metro

Delhi-Alwar RRTS
Client: NCRTC



Thiruvananthapuram – Chengannur RRTS (125km)
Client: Mumbai Rail Vikas Corp

3 RRTS Corridors (500km)
Client: Chennai Metro

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LOGISTICS

JSW Paradip Port Rail Connectivity

JSW Murbe Port Rail Connectivity

HINDUSTAN POWER

Hindustan Power 1x800MW Ultra-Supercritical Plant Siding

Rail connectivity for FCI Grain Silos

JKCL Panna Plant 57km rail connectivity

IOCL CUF, Chitradurga Rail Connectivity

Rail Connectivity to SICAL Terminal

Techno Economic Study for Transportation of Fly Ash through Indian Railway.

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DELIVERY SUPPORT

Integrated delivery expertise
across every stage of your project.

- **Multidisciplinary Detailed Design (Structures, Systems, Depot)**
- **Project Management Consultancy (PMC)**
- **Contract Management (FIDIC, EPC, etc.)**
- **Systems Integration & Testing & Commissioning (T&C)**
- **Quality Management (QA/QC Systems)**
- **Safety Assurance (RAMS, Safety Cases)**

Outcome: On-time, compliant, and integrated delivery

DESIGN ENGINEERING

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Dhaka Metro Viaduct Design

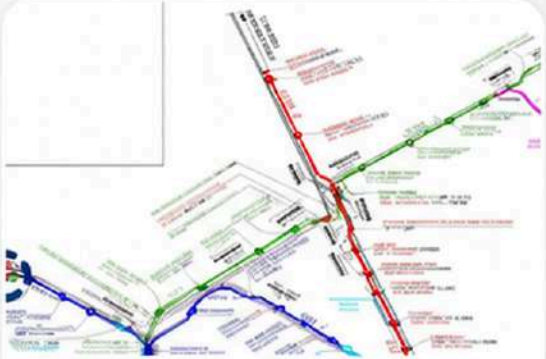
Delhi Metro Phase III – OHE and PST

GE Maintenance Depot - Roza

Bridges of Deen Dyal Upadhyay-Prayagraj 3rd line

Nepal East – West Railway Detailed Design

Detailed Design of Kuluara-Shahbazpur, Bangladesh



K-RIDE Maintenance Depots

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PROJECT MANAGEMENT & SUPERVISION

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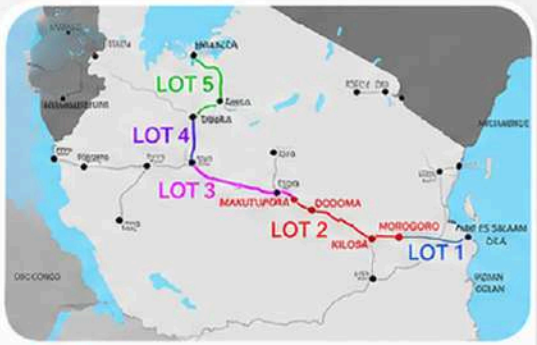
First Kavach Implementation in India – Kota, Rajasthan

Pamban Bridge – Vertical Lift Sea Bridge

Vande Bharat Manufacturing Facility, Latur



900km SGR Network, Tanzania

Chennai Metro Phase 1 and 2

Delhi Metro Phase IV

Dadri-Khurja section, Dedicated Freight Corridor

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POST-CONSTRUCTION

Operational excellence after commissioning

O&M Advisory

SOPs, Strategy Development, Maintenance Planning

Structural & Process Audits

Capacity Building & Training Programs

Shadow Operator Support

Pre-commissioning to Stabilization Phase

Outcome: Operational readiness & sustainable performance

ADVISORY AND CAPACITY BUILDING

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Lenders' Engineer for
Hyderabad Metro
Client: State Bank of India

Owner's Engineer for
Mumbai Metro Line 1

Lender's Engineer for
Alstom's Madhepura Factory
Client: State Bank of India

Transaction Advisory for
Chennai Monorail
Client: Metropolitan
Transport Corporation

Strategy Development for
Integrated O&M
Client: Chennai Metro

Safety Audit for Kuala
Lumpur Monorail

Business Plan and Asset
Register for Takeover of
Chennai Suburban Rail

Techno Economic Study
for Transportation of Fly
Ash through Indian
Railway.

Quality and Safety
Auditing for Khurja-
Bhaupur of Eastern
Dedicated Freight
Corridor

KEY CLIENTS

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International

Kathmandu Metropolitan City
Lalitpur Metropolitan City
Pokhara Metropolitan City
Government of Nepal
DHFL
Minconsult
GAMUDA
MRCB
BARCLAY MOWLEM
DMRC (Bangladesh)
Keretapi Tanah Melayu
MTR
NetworkRail
TEC
ALSTOM
CORYS
SCI /Verkehr
NACALA LOGISTICS
OHI
DFCCIL
Dedicated Freight Corridor

Domestic

RITES
Hydeac Metro Rail
Indian Railways
Chennai Metro Rail
DMRC
HINDALCO
NCRTC
NMRCL
KMRL
RVNL
DRA
L&T Metro Rail Hyderedad
एम एम आर डी ए MMRDA
BMC
Chennai Unified Metropolitan Transport Authority
DMICDC
GMR
GVK
adani
Reliance Industries Limited
JSW
ISGEC
बैंक ऑफ बड़ौदा Bank of Baroda
AXIS BANK
SBI
ADITYA BIRLA GROUP
TATA
Kempegowda
Dalmia Bharat Group
AFCONS
SIEMENS
ALSTOM
K RIDE
Shapoorji Pallonji
ESSAR
RITES THE INFRASTRUCTURE PEOPLE
iRCON

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DEPOT EXPERTISE

THANK YOU

Engineering Excellence. Powering Mobility.

BALAJI RAILROAD SYSTEMS P. LIMITED

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