

bulletin

**BARSYL Receives
SIDBI - ET-Award**

**BARSYL Bags Design
Consultancy in Nepal**

**BARSYL wins Kanpur
MEMU Shed Project**

BARSYL Receives SIDBI - ET Award

BARSYL has received the SIDBI – ET INDIA MSE AWARD – 2019 for “Best MSE Exporter (Small) Services on 19th October 2019 by Mr. Nitin Gadkari, Minister of State for Road Transport & Highways and Minister of MSMEs in the Government of India and Mr. Anurag Singh Thakur, Minister of State Finance and Corporate Affairs.

SIDBI in association with ET and CRISIL as a knowledge partner has instituted a “SIDBI-ET India MSE Awards” to recognize the contribution of the MSEs which have established themselves as role models for other MSEs besides acknowledging and disseminating the information about the contributions by these MSEs in various sectors of economy. The Award will be recognizing successful MSEs for their outstanding achievement in manufacturing and services sector under seven categories viz. Environment, Technology, Innovation, Export, Overall Best MSE, Young Achiever and Woman Achiever in MSE sector. This award shall strengthen the visibility of the MSEs and showcase tomorrow’s leaders who have been contributing in the country’s socio-economic transformation.



Mr. Manoranjan Pershad, Director – Corporate Affairs 2nd from left and Mr. Navin Jha, Regional Head – North, 4th from left receiving SIDBI-ET Award 2019 from Mr Anurag Singh Thakur, Hon’ble Minister of Finance & Corporate Affairs

BARSYL Bags Design Consultancy in Nepal

BARSYL has been appointed as Design Consultant for Nijgadha Hetauda Bharatpur section of Mechi Mahakali Electrified Railway Line in Nepal.

The objective of the assignment is to carryout Detail Survey and prepare Detail Design, Cost Estimate and Bid Documents of the project for the construction of proposed Electrical Railway Line based on the Feasibility Study and

Findings of Additional Studies / Investigations conducted during the Detail Design work.

Our consortium consists of: Yooshin Engineering Corporation (YOOSHIN), Korea, plus Balaji Railroad Systems Private Limited (BARSYL), India, plus China Railway Eryuan Engineering Group Co., Ltd. (CREEC), China and Full Bright Consultancy (Pvt.) Ltd. (FBC), Nepal.



Mr. Navin Jha, Regional Head – North, 4th from left with other JV team members during the signing of the contract

Tender Design for Package 2B of Etihad Rail, UAE

Etihad Rail, formerly known as Union Railway, was established in June 2009 to manage the Development, Construction and Operation of the United Arab Emirates' National Freight and Passenger Railway Network. The 1,200km railway network is being built in stages to link the principal centers of population and industry of the UAE, as well as to form a vital part of the wider Gulf Cooperation Council (GCC) railway network.

The Etihad Rail network is being delivered in stages and commercial operations commenced in 2016. The freight trains travel at 120 km/h and passenger trains on the network will run at speeds of up to 200 km/h. The First stage of network is fully operational and delivered on time and within budget. The network is mainly double track, designed for mixed-use traffic, equipped with an in-cab European signalling system (ETCS level 2), is of standard gauge, and is being built to accommodate double stack containers.

The first stage is the 264-kilometre route for transporting Sulphur from its sources at Shah and Habshan, in granulated form, to its point of export at Ruwais. The services between Habshan and Ruwais have been operational since September 2013. The second stage will connect the railway to Mussafah, the Khalifa and Jebel Ali ports, and the Saudi and Omani borders. During this stage, the network will be extended by 628 km.

BARSYL was awarded the assignment of providing Tender Assistance Services (Design Review and Value Engineering) to one of the bidders of Etihad Rail Design & Build Package – 2B. The assignment was successfully completed within tight timelines of about 6 weeks.

Package 2B (222Km) includes linking of Khalifa Port, Khalifa Industrial City (Kizad), and Jebel Ali Port.

Services provided by BARSYL:

- Review of Alignment & Rail Operations
- Earthworks Optimization and BOQ
- Roads & Traffic Management Plan
- Tender Design with value Engineering



Etihad Rail Network of Stage 2 of Package B

PMC for Pamban Railway Bridge

Barsyl has been awarded Project Management Consultancy for Re-construction of Pamban Bridge parallel to the existing between Mandapam and Pamban stations in Madurai Division of Southern Railway in the state of Tamil Nadu, India by Rail Vikas Nigam Limited (RVNL). The project duration is 30 months which commenced on 18th July 2019.

The new bridge, parallel to the existing, century-old cantilever bridge, will be built at a cost of Rs. 2500 million with vertical single lift span (truss type girder) and other spans (deck type girder). Pile foundations for the double track will form the superstructure. Compared to the old bridge which has 146 spans about 12 mtrs apart the new bridge will have 100 spans at about 20 mtrs from each other. Pillars of the existing railway bridge have open foundation for a depth of 1.5 meters, compared to the deep foundation with pile foundation for the proposed bridge at a

depth of 25 meters each from the sea-bed.

This new dual track bridge is planned to be constructed in automotive mode, allowing two ships to pass this bridge at the same time.

New 2.05 km long Pamban Bridge, which will be connecting Mandapam on the mainland and Rameswaram at the Pamban Island, will have the country's very first vertical launch rail section.

In the new one, a 63 meter section will lift vertically upwards remaining parallel to the deck. It will be done using sensors at each end. The new technology will allow the bridge to provide navigational air clearance of 22metre above sea level.



Vertical Launch Rail Section



Vertical Single Lift Span

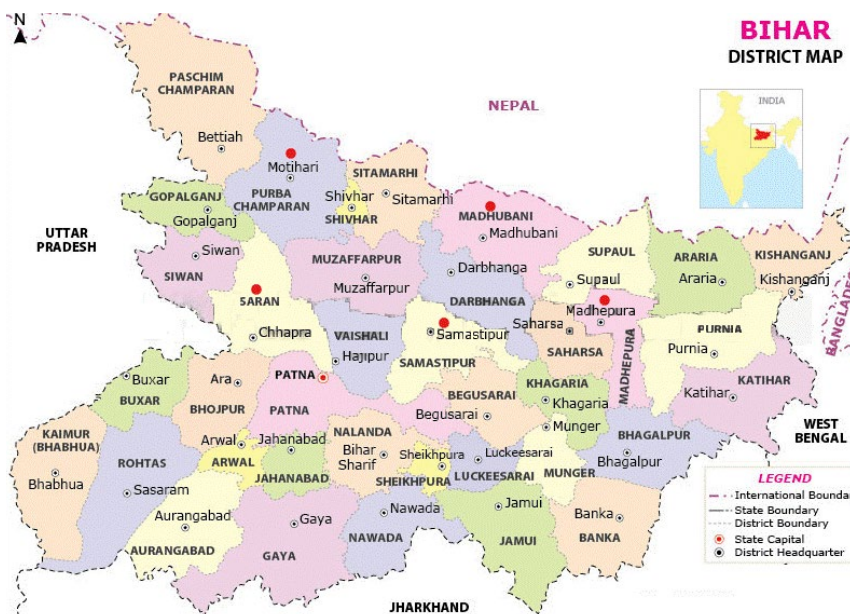
Barsyl as Design Consultant for Rail facilities at Five Grain Depots in Bihar

The Food Corporation of India (FCI) has planned to develop Silo storage facility in various districts of INDIA for efficient distribution of food grains. Food grains shall be procured from food grain producing areas and distributed to consumption areas with provisions of Food grain silos and rail facilities (private siding/ private freight terminal).

National Collateral Management Services Limited (NCML), Adani Agri logistics and Leap India have won the contracts from FCI to develop 50,000 MT Silo storage, rail facilities along with food grain unloading and handling facilities at different locations in Bihar.

BARSYL has been contracted by them to provide Design & Engineering Consultancy services for developing Railway facility in following five locations in Bihar:

1. Budhma station in Madhepura district in Samastipur Division, East Central Railway – Client: NCML
2. Semra station in Motihari district in Samastipur Division, East Central Railway – Client: NCML
3. Chainwa station in Saran district in Varanasi Division, North Eastern Railway – Client: NCML
4. Khudiram Bose Pusa station in Samastipur district in Sonepur Division, East Central Railway – Client: Adani Agri Logistics
5. Rajnagar station in Madhubani district in Samastipur Division, East Central Railway – Client: Leap India



Location Map showing Five Districts of Silo Projects



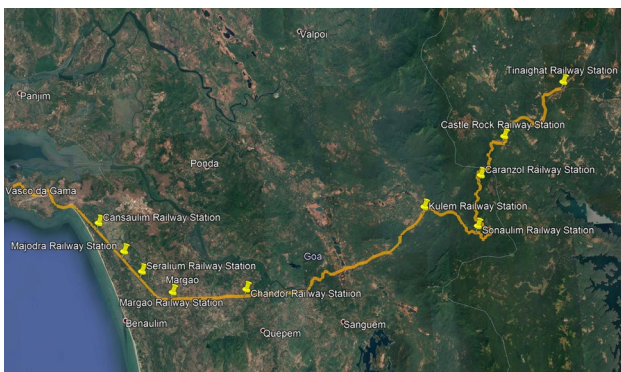
View of Food Grain Storage Silos

PMC Services for Railway Electrification

BARSYL has been assigned to provide Project Management Consultancy for Design, Supply, Erection, Testing & Commissioning of 25 KV, AC, 50 Hz, Single Phase, Traction Over Head Equipment, Traction Sub Stations, Switching Stations and other associated works for Railway Electrification of Tinaighat – Vasco-Da-Gama section (97 RKM) of Hubli Division of South Western Railway in the States of Karnataka & Goa, India by RVNL.

The supervision also covers Civil Engineering works i.e. Service Buildings, Quarters, Tower Car Sidings, Sheds and Electrical General Service works.

The estimated cost of the project is Rs 113.52 crores. The assignment commenced on 21st June 2019 and is scheduled to be completed within 30 months. BARSYL PMC team will comprise of 34 professionals consisting of Project Manager, Electrical Engineers, Civil Engineers, Permanent Way Engineers.



Alignment Plan of Tinaighat (excl) to Vasco-Da-Gama

BARSYL wins Kanpur MEMU Shed Project

RVNL, a Public sector Enterprise under Ministry of Railways, Government of India, has been entrusted upon the work of setting up of MEMU Coach rake maintenance facilities at Kanpur, UP, for North Central Railways (NCR). The project site is located in South Loco colony of old Kanpur station area.

BARSYL has been contracted by RVNL to provide Project Management Consultancy (PMC) services to oversee the Construction and setting up of MEMU Shed. The work mainly involves Construction of PEB Sheds, Structures, Buildings, Water Supply Arrangement, Drainage, Sewerage, Road works, Track works, Signal & Telecommunication works, Power Supply and General Electrical works, OHE works, and other related Infrastructure works including Supply, Installation and Commissioning of Machinery and Plant in setting up of MEMU Shed. The project commenced in August 2019 and is scheduled for commissioning by May 2021. BARSYL PMC team consists of Key personnel comprising Project Manager, Resident Engineer (Civil), Resident Engineer (Mechanical), Structural Expert, Permanent way Expert, Electrical expert (General), Electrical Expert (OHE/TSS/SCA), Signal and Telecom Expert, Mechanical Expert, Quality Control Expert and support staffs.



Kanpur MEMU Shed Project: Construction in progress at Inspection Shed

IMRT Signs MoC with AIUB

A Memorandum of Cooperation was signed between Institute of Metro & Rail Technology (IMRT) and American International University Bangladesh (AIUB) on 16th February in Dhaka.

AIUB is a government approved private university founded in 1994. The university is an independent organization with its own Board of Trustees. AIUB, one of the leading and top-ranking private universities in Bangladesh and is committed to provide quality and excellent academic programs responsive to the emerging challenges of the time.

IMRT an associate of BARSYL founded in 2011, is a first-of-its-kind institute in India that aims to be a knowledge leader in Metro and Rail Technology.

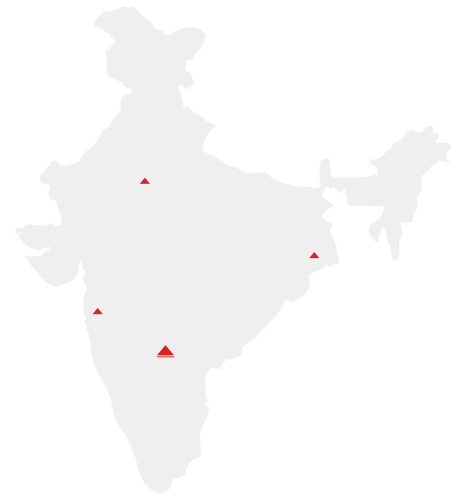
IMRT was envisioned with the objective of producing next generation 'technology-managers', capable of making crucial decisions using their skills and understanding of the sector. IMRT will assist AIUB in promoting, curriculum designing, coordinating the courses, provide training to the faculty members and selecting professional faculty members for conducting classes.

Under this MoC, IMRT & AIUB have agreed to collaborate in different academic, learning programs jointly. Initially, both the parties agreed to run Short Courses on Railway Technology and Management and other feasible diploma / certificate and learning programs in Bangladesh.



Mr. Tapan Gosh, Country Director – Bangladesh along with Prof. Dr. Md. Abdur Rahman, Academic Council Member, AIUB signing the MoC

OUR PRESENCE



Corporate Office

"BARSYL Towers", Plot No. 3
Sitaram Nagar, Staff Road
Secunderabad 500009
Telangana, INDIA

P: +91 40 27847804
F: +91 40 27847806
E: mail@barsyl.in

For Business Queries
E: bd@barsyl.in

Mumbai

Gloria Business Centres
301, Dev Corpora , Opp,
Cadbury khopat
Thane (West) - 400602
Maharashtra, INDIA

Mob: +91 7217616678
+91 8999072253
Email: mumbai@barsyl.in

Kolkata

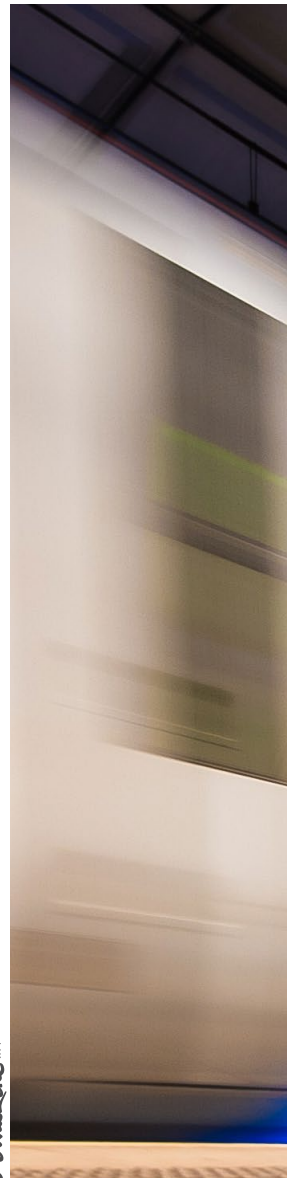
"World of Titan"
Showroom Building.
75C, Park Street, 3rd Floor.
Easy Daftar Signature.
Kolkata - 700 016
West Bengal, INDIA

Mob: +91 9830879398
Email: kolkata@barsyl.in

New Delhi

Flat No: 514, 5th Floor
New Delhi House
27, Barakhamba Road
New Delhi 110001
INDIA

P: +91 11 23322274
F: +91 11 43049678
E: delhi@barsyl.in



Designed by *i-magine*.in