



MCML PROJECTS PVT. LTD.

ISO 9001- 2015 certified company



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ABOUT US

We MCML Projects Pvt. Ltd (an ISO 9001- 2015 certified company) carry long-standing reputation for providing highly quality innovative and sustainable solutions to cater to Rail, Road, Construction, Infrastructure and Transport requirements.

Our expertise is into Engineering Services such as Design, Installation, Testing & Commissioning, Maintenance of Metro Rail Services which includes major systems like Signaling, Telecommunication, Automatic Fare Collection, Rolling Stock, Electrical, Civil, Repair of PCB Boards, Irrigation projects and much more.

Established in the year 2005, We have been at the forefront of leading-edge technology at every level, serving these infrastructure markets essential to economic, social and environmental development of the Country.

Vision:

To become Powerful, Efficient and Effective MNC in Engineering services globally by delivering the projects timely without any compromise on Quality and Safety.

Mission:

The Mission is to set our foot prints in all Metropolitan cities across India by 2022.

Who We are:

We are one stop solution for all the engineering marvels in Metro Rail Industry. We are committed to serve our clients with utmost care and quality and with Updated Technology through which we assure best practices always while we implement and which are to the best of satisfaction levels of our clients.

What We Do:

We dedicated our life to serving Rail Industry, specifically into Metro Rail in India. We are playing a pivotal role in India's Rail Nirman by carrying out projects in Design, Installation, Testing & Commissioning, Maintenance of Metro Rail Services which includes major systems like Signalling, Telecommunications, Automatic Fare Collection etc.

Why Choose Us:

At MPPL, we operate across a wide range of Railway Engineering Services and can offer a genuine 'one stop' solution for our clients, drawing together the most appropriate resources required for each project. The benefit to our clients is dealing with one organization rather than a range of multiple associates on one project.

METRO RAIL PROJECTS

MCML Projects Pvt. Ltd, since its inception has started to diversify and expand the scope of business activities and simultaneously succeeded at all levels. A well-planned integrated urban transport system is of utmost relevance for Indian cities that are experiencing ever-increasing volumes of traffic congestion.

To sum up, the Breakthrough of the company is already achieved as it includes one of the big giants in Railways as its clients and is/was/would be long lasting service provider for them.

Signaling Current/On-going Projects



Kochi Metro Rail Project

Installation, Testing & Commissioning Support for Signaling System in R1 and R2 Section with ALSTOM under Contract awarded by Kochi Metro Rail Limited.

Lucknow Metro Rail Project

Installation, Testing & Commissioning Support for Signaling System in R1 and R2 Section with ALSTOM under Contract awarded by Lucknow Metro Rail Corporation.

Kolkata Metro Rail Project

Installation, Testing & Commissioning Support for Signaling System, DCS, with ANSALDO STS (HITACHI GROUP) under Contract awarded by Kolkata East-West Metro Rail Corporation.

Signaling is one of the most important parts of the many which make up a railway system. Train movement safety depends on it and the control and management of trains depends on them. The signaling system shall provide the means for an efficient train control, ensuring safety in train movements. It assists in optimization of metro infrastructure investment and running of efficient train services on the network.

Our Approach:

At MPPL, we tend to provide services end to end turn-key solution which include Design, Installation, Testing & Commissioning and Maintenance of Railway Signaling Project. With rich overview of Signaling experiences in Indian Railways and various Metro projects in India, we have started emerging into Global Projects. Our earlier and present technologies include different works in:

- Relay Interlocking
- Panel Interlocking
- Solid State Interlocking (SSI)
- Computer Based Interlocking
- Communication Based Control System (CBTC)

Our diverse experience enables us to take on the toughest challenges particularly for today's technologies. Our solutions extend the life of assets, minimize maintenance & replacement costs and achieve compliance with regulations.

There are only two ways to collect fares from passengers – before they get onto the train or once they are on the train. It must be remembered that if there is a way for fares not to be paid, they will not be paid. The method often adopted is to collect fares on trains, but this may not be effective for high capacity trains with short distances between stations. In this case the simplest and most effective method is to collect fares before trains are boarded. This is best effected by automatic fare collection (AFC).

Our Approach:

At MPPL, our superior supervision and expert project management allow us to deliver Design, Installation, Testing, Commissioning and Maintenance of Automatic Fare Collection Project successfully.

Our earlier and present AFC Systems include Station Level Equipment (SLE's) as following:

- Automatic Gates (AG)
- Ticket Vending Machines (TVM)
- Recharge Card Terminal Machines (RCTM)
- Automatic Ticket Vending Machines (ATVM)
- Add Value Machines (AVM)
- Ticket Office Machines (TOM)
- Excess Fare Office (EFO)
- Ticket Readers (TR)

We also extend our services in Design, Supply, Manufacture and Fabrication of materials for interfacing to the SLE's. This will in turn help our client to cut-down and rely on different vendors to approach in the Market. The Following are list of Materials we use/used for previous/on-going projects majorly:

- Electrical Cabinets (Power Distribution Cabinets) for switching Power Supply to SLE's
- Manufacturing of Power and Data Cables (as per Project Technical Specification)
- Laying of Power, Control and Data Cables
- Design and Fabrication of Stainless-Steel Barriers – Fixed, Swing (with or without Electro-magnetic lock) and Pole Type (Avoid passengers from Unpaid area to paid area)
- Supply of Network Racks and Switches
- Supply of Emergency Switches
- Supply of Patch Chords, Patch Panels and other network accessories
- Design & Fabrication of Power Strips as per site requirement
- Design & Fabrication of CPU Racks as per site requirement
- Laying of Cable Trays



Current/On-going Projects

Hyderabad Metro Rail Project

Construction of Site-Office and Warehouse including Running maintenance and House-keeping for Samsung SDS India Pvt. Ltd.

Design, Installation, Testing & Commissioning, DLP Services for AFC System in Stage – 1, 2, 3, 4, 5 with Samsung SDS India Pvt. Ltd. under Contract awarded by L&T Hyderabad Metro Rail Limited.

Completed Project

Lucknow Metro Rail Project

Design, Installation, Testing & Commissioning Services for AFC System in R1 (Priority Section) with Datamatics Global Services Limited under Contract awarded by Lucknow Metro Rail Corporation.

Telecommunication system acts as the communication backbone for Signalling systems and other systems such as SCADA, AFC etc and provides Telecommunication services to meet operational and administrative requirements of metro network.

The Telecommunication facilities proposed are helpful in meeting the requirements for

- Supplementing the Signalling system for efficient train operation.
- Exchange of managerial information.
- Crisis management during emergencies.
- Passenger information system.

Our Approach:

At MPPL, we tend to provide services end to end turn-key solution which include Installation, Testing, Commissioning of Railway Telecom Project. We are passionate about the works we carry out and will continually be looking for ways to improve our services and maintain our commitment to innovation. We are highly sensitive to our clients. Our Telecom Team experts are true problem-solvers, dedicated to finding solutions.

Our earlier and present Projects include various activities Systems in Telecommunication as following:

- FOTS
- PAS
- PIDS
- Master Clock
- ACIDS System
- CCTV
- CVRS
- CTFRS
- OA/IT
- Radio System
- Telephone System
- NP SCADA

Current/On-going Projects

Kochi Metro Rail Project

Installation, Testing & Commissioning for Telecommunication System in R1 Section with ALSTOM under Contract awarded by Kochi Metro Rail Limited.

Kolkata Metro Rail Project

Installation, Testing & Commissioning Support for Telecommunication System, FOTS, with ANSALDO STS (HITACHI GROUP) under Contract awarded by Kolkata East-West Metro Rail Corporation.

Completed Project

Hyderabad Metro Rail Project

Installation, Testing & Commissioning of Communication System for Thales India Pvt. Ltd. under Contract awarded by L&T Hyderabad Metro Rail Limited.

The term 'Rolling Stock' in Rail Transport industry refers to any vehicle that move on a railway. It usually includes both powered and unpowered vehicles, for example:

- Locomotives
- Railroad Cars
- Coaches
- Wagons

Rail Transport is a means of transferring of passengers and goods on wheeled vehicles, running on rails, also known as Tracks. It is also commonly referred to as train Transport.

Our Approach:

At MPPL, we tend to provide services end to end turn-key solution which include Installation, Testing & Commissioning of Railway Rolling Stock System Equipment. We develop relationships with our clients to meet their specific needs and better serve them during the planning phase. By identifying key components of each project, we are able to complete project safely & on time.

Following are list of activities which we completed under Rolling Stock Stream:

- Installation, Wiring/Connection work, Testing and Commissioning of Wayside Networking Devices (WND).
- Supply and Laying of Conduit Pipe with Fitting Material.
- Supply and Laying of Power Supply Materials (Cable, Switch, Consent, Plug, Receptacle, etc).
- Supply and Laying of LAN Cable with connectors.
- Supply of Optical Sealing Connectors.
- Design and Fabrication of Antenna Base along with Mounting Devices (Bracket, Bolt, etc).



Completed Projects

Hyderabad Metro Rail Project

Installation, Testing & Commissioning for Wayside Network Devices, Supply & Installation of cables & Masts (including Design) in Uppal Depot and Miyapur Depot with CSIN Tech Co. Ltd. (Korea) in association with ROTEM HYUNDAI under Contract awarded by Hyderabad Metro Rail Limited.

Electric power technology in the railway industry refers to the means of supplying good-quality electric power to the electric motors. It primarily consists of power conversion technology at sub-stations, feeding circuits for DC and AC feeding systems, and the structure, materials, measurement, and maintenance of the electric overhead lines.

Our Approach:

Railway electrification is experiencing a very important transformation process today. The need of increasing its capacity has evidenced the drawbacks of conventional systems of dealing with the higher power required, whilst maintaining reasonable costs.

At MPPL, we tend to provide services with turn-key solution which includes Installation, Testing of Railway OH Electrification works.

Following are list of activities we involved in till date:

- Power line Crossings.
- Installation and Testing of Power Supply Arrangements & Electrification of Relay, Battery and Equipment.
- Installation of OH Foundation of Masts, Erection and assembly of masts and portals including Grouting the right choice of the feeding system is decisive for the development of more competitive, efficient and reliable railway systems.
- Installation of Electrical Sub-Station.



Completed Projects

Railway Electrification Indian Railways – Vijayawada

Power line Crossings.
Power Supply Arrangements & Electrification of Relay, Battery and Equipment.

Hyderabad Metro Rail Project

OH Foundation of Masts, Erection and assembly of masts and portals including Grouting with L&T
Construction under Contract awarded by L&T Hyderabad Metro Rail Limited.

INDUSTRIAL AUTOMATION

We at MPPL Identified a market need for high quality industrial equipment at affordable prices and supplied by a local company. Established at Hyderabad and now we are setting up branches in various parts of the country

We MPPL with 24 years of vast experience personnel under its belt offering perfect process automation solutions and industrial automation sales and service. We provide excellent support to our clients with respect to their industrial automation, Instrumentation/Instrumentation/Controls/Electricals and to maintain them at low cost and still operating very effectively at par OEM standards.

Our Major activities have been in the areas of Marine, Defence, Plastic Processing, Metal Processing, Food Processing, Packing, Printing, Apparel Manufacturing, Power Generation, Petro Chemicals, Oil and Gas plants, Refineries, Treatment plants, Sugar Mills, Solar and wind mill and much more. Our Experts at MPPL are highly qualified with rich experience in design, Engineering, Procurement, Installation & Commissioning, Instrumentation and electrical systems in major, mega projects in all the key sectors.

We repair printed circuit boards and assemblies belonging to above mentioned equipment till component level. We help our clients to cut down their expenses on Repair and maintenance upto 50% with lowest turnaround time and OEM standards.





A. Reasons to choose MPPL:

Experience & Reliability: With nearly 24 years of experience, we are one of the leaders in the refurbished industrial automation system integrator and our customers can count on us to provide a complete product turn key solution that is guaranteed to meet their needs while staying on budget.

Large Inventory and Quality Products: “We provide our customers with a one-stop-shop platform by proudly stocking the largest quantity and variety of industrial equipment, allowing our customers to compare among major models and manufacturers.

In house Industrial Automation Maintains Department: We employ the largest team of industrial engineers in the industry, and all of them are highly trained to refurbish and repair each piece of equipment according to the original manufacturer’s specifications.

Parts: We can guarantee up to 5 years of parts availability for the all the products we sell.

Warranty: All of our products are accompanied by a standard industry warranty and we carry a comprehensive liability insurance guaranteeing our customers peace of mind.

B. Services we offer:

PCB Repairs: We repair Equipment & Electronic PCB of Medical Equipment without any Supporting Circuit Schematics or Block Diagrams. We Repair the equipment or PCB till Component level.

Annual Maintenance contracts: We cater to those needs where one single vendor shall be able to handle wide range of all kinds of hospital equipment. Downtime could be expensive & Machines have taken over laborious procedures. We perform at the least possible turnaround time and with minimal cost. By virtue of long experience in handling such equipment, it is possible for us to predict and identify the parts which are at the verge of collapse.

Turnkey execution: We are specialized in providing Turnkey solutions including design, planning, govt. approvals, implementation and execution of projects by offering comprehensive service contracts package. The experience gained throughout our long history, enables us to assure the absolute success and quality of the projects we undertake, within their full scope as defined by our clients.

CIVIL INFRASTRUCTURE

Civil engineering is the oldest disciplines of engineering. Since the very beginning of the human existence. In today's society, there are huge projects meant for civil construction and engineering. The infrastructure used in our daily lives all has been created because of civil construction and engineering. The roads, railways, stadiums, harbours, schools and other buildings constructed all are a contribution of civil engineering.

Our Approach:

Classifying large projects into civil construction stages has always been anticipated whether it is for independent or conjunction construction.

At MPPL, we tend to execute the progress of the civil construction by considering every stage of the process as individual contracts.

- Each of the contract are continued in special patterns and schedules.
- To maintain the quality of work in the construction process, the duration of every stage shall be analyzed and evaluated before the process starts.
- Every stage of construction shall have its own time period of implementations.



Ongoing Project

Polavaram Irrigation Project

(Polavaram, Andhra Pradesh, India)
Loading & Transportation of River Sand, BC Soil and
Compaction in Polavaram Project Area.

Completed Projects

Hyderabad Metro Rail Project

Construction of Warehouse and Site Office for
Thales at Nagole Depot.
Construction of Warehouse and Site Office for
Samsung SDS India Pvt. Ltd. at Nagole Depot.

Samsung SDS India Pvt. Ltd

(Hyderabad Project Office Space)
Interior Works (turn-key) in the Project Office Space.

TOP MANAGEMENT TEAM

Mr.N.Radha Krishna (MIE, MIPE, MBA) CHAIRMAN

- 40 Years of Business Experience which includes works related to Indian Railways and especially Metro Railways Projects related to Signaling, Telecom, AFC, Electrical and Civil.
- Awarded with "HIND RATAN AWARD" by Non-Resident Indians from US Continent towards his exemplary services in the field of Railway Engineering and Infrastructure Development in the year 2006.

Mrs. N.Visalakshi (B.Com)

DIRECTOR - HR

28 Years of Business Experience being a Partner in M/s Rasi Constructions and also carries vast experience in Railway S&T, Electrical & Civil Construction Works.

Mr.N.Rakesh (B.Tech, MS, MBA)

MD

10 years of experience in Metro Railway Projects with respect to Installation, Testing & Commissioning and Maintenance in the areas of Signaling, Telecom, AFC, Rolling Stock, Electrical and Civil Infrastructure.

Mr.N.Harish (B.Tech, M.Sc)

DIRECTOR - BUSINESS PROMOTION

3 Years of experience in Business Promotion with respect to Metro Rail Projects.

3 Years prior experience as Business Analyst in one of the renowned Financial Advisory Firm.

Mrs.N.Anusha (B.Tech, MBA)

GM - OPERATIONS

3 Years of experience in Operations and Administration of Metro Rail Projects.

3 Years of prior experience as Software Engineer in one of the major Global IT Firm.



CORPORATE OFFICE - HYDERABAD

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BRANCH OFFICES:

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VIJAYAWADA

1st Floor, Vijaya Residency, Opp Nirmala High School,
Vijayawada-520006.

LUCKNOW

D.no:654/655, Alfa Farms, Kanpur Road, Near Mehra Hospital,
Lucknow , UP-2006005.

KOLKATA

Plot no: CE-84, Sector -1, Salt Lake , Kolkata – 700064.



MCML PROJECTS PVT LTD is committed to achieve ever-increasing levels of "customer satisfaction"