

CURRICULUM VITAE

Name : Pawan Gupta

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Nationality : Indian

Profession : Civil Engineering

Current Project : **Project Director** for 26 Km **Section-4 Mumbai Ahmedabad High-Speed Rail (MAHSR) C-6** Project at **L&T Construction**. This is **First HSR** network planned in India, which involves Design & Construction of Viaduct, Crossing Bridges, Maintenance Depot & Ramps.

**Key areas of Expertise/ Core Competencies:**

- An Engineering Graduate with **26 Years** of cross-cultural experience in the Construction of **High-Speed Rail, Bridges, Airport, High Speed Track, Proving Ground, Roads**, for various highways and other infrastructure development projects in India funded by **World Bank, ADB, JICA** etc.
- Experience in execution of **Full Span Box Girder** of **HSR, Segmental Construction (SBS), RCC & Pre-stressed Girders** with various types of foundations Viz. **Well foundation, Pile foundation & Open foundation** with quality assurance & control.
- Successfully executed **Airfield Pavement works** like **Runway, Taxiway, Apron** and **Hanger**.
- Well conversant with **launching techniques** for **Full Span Launching Method (FSLM)** by **Straddle Carrier & Girder Transporter** for **Full Span Box Girder** of **High-Speed Rail, Span by Span (SBS) / Segmental Erection, pre-stressed girders** and executed **Spliced Pre-stressed I-Girders** for **bigger spans over water**.
- Experience in **construction of Road over Reclaimed Land** with dredging by **Ground Improvement methods** like **PVDs (Prefabricated Vertical Band Drains), Stone Columns & Geotextiles** in order to ensure proper consolidation of the reclaimed areas adjacent to seashore.
- Well conversant with **IRC** and **MORTH** specifications & also familiar with **FIDIC** guideline

Educational Qualification:

- **B.E. in Civil Engineering** from Pune University, in **May 1997**.



- **Management Development Program, Team Excellence 2021**
Certification Program from **IIM Bangalore**.
- **Leadership Excellence Accelerator Program (LEAP), 2022-23 Batch.**
This is **One Year** Certificate Program in joint venture between **L&T IPM**
& **Narsee Monjee Institute of Management (NMIMS)** Mumbai.



Employment Record:

- **August' 2021 to Till Date**

L&T Construction.
Project Director



Project Description

Design and Construction of Civil and Building Works including Testing and Commissioning on Design Build Lump Sum Price Basis for **Double Line High Speed Railway** involving Viaduct & Bridges, Crossing Bridges, Maintenance Depot and Station (Anand/Nadiad) between Vadodara (MAHSR Km. 401.898) and Ahmedabad (MAHSR Km. 489.467).

Client: NHRCL. **Project Cost:** INR 8116 Cr. **Contract Type:** Design-Build Lump Sum.

Responsibility:

End to end responsibility for construction of Viaduct & Bridges, Crossing Bridges, Maintenance Depot & Ramps. It also involves Developing baselines & controlling projects with respect to cost, resource deployment, and time over runs quality compliance, formulating budgets & managing over all operations for executing project within cost & time norms. First time in India, we have constructed **Full Span Box Girder of 40-meter span having 975 MT self-weight**. Same has been lifted, transported & erected by Straddle Carrier, Bridge Gantry, Girder Transporter & Launching Gantry respectively. Total value of C-6 Section-4 is **INR 2800 Cr.**

- **January' 2021 to August' 2021**

L&T Construction.
Project Head



Project Description

Integrated Contract Package of Civil, Building & TRACK works, Electrical & Mechanical works, Signaling & Telecommunication work for **128 KM long CTP-14 Double Line Railway Project** in detour for **Rewari – Dadri** Section of **Western DFCC** corridor.

Client: DFCC. **Project Cost:** INR 4350 Crores. **Contract Type:** Design-Build Lump Sum.

Responsibility:

End to end responsibility for construction of Formation in Embankment & Cutting, Blanketing, Rock Excavation, Culverts, Retaining Walls, Drains & Crushing of aggregate/ Ballast along the entire alignment for RREC BU of L&T Construction with estimated **Project Cost of INR 1450 Cr.** Self is responsible to ensure timely completion with Budget & cost

with committed margins. Responsibility includes Project Management, Resource planning, Relationship Management with Client & Vendor, Foreseeing performance bottlenecks & Efficacious management of contracting works for successful completion of the project

- **December' 2017 to January' 2021**

L&T Construction.
Project Head



Project Description

This is green field project like **Airport's Air Side Works**, which involves Construction of **High-Speed Test track (HST) & Other Test Tracks**, at **NATRAX**, Indore. The project involves Construction of **Oval shaped 4-lane High Speed Track of 13.6 Km** designed for Neutral Speed of **250 Kmph** on curves with **parabolic profile of 30°**. NATRAX is **Asia's biggest automotive proving ground** setup on **3,140 acres' land**. It also has other different type of **14 test tracks** with general road and access road to approach. All these tracks having different surfaces to test automotive performance such as Max Speed, Acceleration, Break Efficiency, Noise, Vibration, Handling, Stability etc. for vehicles against varying terrains and severity.

Client: National Automotive Testing and R&D Infrastructure Project (**NATRiP**), **Govt. Of India**. **Project Cost:** INR **1050 Crores**. **Contract Type:** **Item Rate**.

Responsibility:

End to end responsibility for Construction of track activities to meet the timelines adhering to all Quality and Safety standards. Self is responsible to ensure timely completion with Budget & cost with committed margins. Responsibility includes Project Management, Resource planning, Relationship Management with Client & Vendor, Foreseeing performance bottlenecks & Efficacious management of contracting works for successful completion of the project.

Achievements: 1. Won **L&T Construction's Quality Trophy 2019** for HST NATRAX Project.
2. Won **5 Star Safety, Health & Environment Audit** by **British Safety Council**.
3. Won **ROSPA Health & Safety GOLD Award 2019** for HST NATARX.
4. Won **L&T's Digital Implementation Award 2018** for HST Project.

- **January' 2017 to July' 2017 Reliance Industries Ltd.**
State Construction Head (J&K)



Project Description

Construction & Erection of communication towers, laying of optical fiber, Pipeline laying work & facilities construction in the state of **Jammu & Kashmir**.

Responsibility:

As a **State Construction Head**, I was responsible for the **coordination, monitoring & execution** of all the Civil works like, Tower foundation with **Piles**, erection of steel towers, Laying of Optical fiber in Intra city & NLD, Laying of Pipelines within state. The **project value** of my state is around **INR 7500 Crores**. It also involves Liaoning with vendors, Construction Team & Local authorities with Planning & timely completion of project within scheduled time with cost & various activities for the smooth execution of project without hindrances.

- **March' 2016 to Dec' 2016**

GMR Infrastructure Ltd.
General Manager

**Project Description**

Construction of **Track Works for New Double Railway Line** from **Mughalsarai to Kanpur** section of **Eastern Dedicated Freight Corridor (DFCC)**.

Client: DFCC; **Project Length:** 417.00Km; **Project Cost:** INR 5,500 Crores.
Contract Type: EPC.

Responsibility:

As a **Project Manager**, I was responsible for the coordination, monitoring & execution of **80 Km** stretch from **Allahabad to Mirzapur** section of DFCC with **13 Major Bridges, 14 Major RUB, 20 Level Crossings, 19 RUB & 26 Minor Bridges**. The **project value** of this section is **INR 1200 Crores**. It also involves liaisoning with Client & local authorities, Plan, timely completion of project within scheduled time with cost & various activities for the smooth execution of project without hindrances.

- **November' 2012 to Feb' 2016**

L&T Construction.
In-Charge (Air Side)

**Project Description**

Construction of **Infrastructure & Bed down Facilities** for **Boeing C-17 III Aircraft** at **Hindan Airport**, Ghaziabad in the state of Uttar Pradesh.

Client: US Army Core of Engineers (USACE) & Boeing International Ltd.
Project Cost: INR 1400 Crores. **Contract Type:** Design- Build Lump Sum.

The project involves Construction of 3 Km. long Taxiway, 1, 60,000 Sq Meter of Apron, Two Hanger Facility for C-17, Squadron Operations Building and various other facilities like Age & Vehicle Maintenance, Supply & Engine Storage Warehouse and Water Treatment Plant Building etc.

Responsibility:

Responsible for coordination and execution of Taxiway, Apron and Hanger facilities & completed **INR 450 Crores** of **Airfield Pavement** work. **Completed 1, 35,000 Cubic Mt** of **PQC** in **12 Months** for **Taxiway & Apron**. Responsibility includes Budgeting, Cost control, Plan & Networking between internal & external agencies. As Airside in charge was responsible for the Construction of C-17

Globe-master III international aviation infrastructure international project from planning & construction to handover. The responsibilities include managing and supporting the Resident Office of the **Alaska District of US Army Corps of Engineers & BOEING's team** in all his functions.

- **June' 2011 to June' 2012**

Indiabulls
GM – Infrastructure (Construction)



Project Description

Construction of 6 Lane **Dwarka Expressway** (NPR) in the state of Haryana & Delhi.

(Client: HUDA; **Project Length:** 18 Km; **Project Cost:** INR 100 Crores).

Contract Type: *Item Rate*.

The project involves **18 Km, 6-lane divided carriageway** by **flexible pavement** on **new alignment** passes through fertile land of Haryana. The corridor contains several numbers of structures like **1 Grade Separator, 1 ROB, 2 Minor bridges, 22 Slab Culverts & 4 Underpasses**.

Responsibility:

Responsible for execution of Highway with CD Works. Responsibility include Plan, develop and implement strategy for operational management, Monitoring of monthly R.A. Bills for the various road and structural works, Discussions, Site inspection and investigation, Interaction with management, Initial discussion with Consultants, Conduct regular meetings to monitor progress, Business development works covering Identification of proposals for Highway Projects at National and State Level, Tender follow up, Contract finalization, Manage & control departmental expenditure within agreed budgets.

- **April' 2010 to May' 2011**

DSC Limited.
D.G.M. (Bridges & Structures).



Project Description

Construction of 4/6 Lane **KMP Expressway** in the state of Haryana.

(Client: HSIIDC; **Project Length:** 135 Km; **Project Cost:** INR 1500 Crores).

Contract Type: *BOT*.

The project involves 135 Km, 4/6 lane divided carriageway on BOT basis by flexible pavement. It was on new alignment passes through the state of Haryana. This is also known as Western Peripheral Expressway. The project comprises 4 Grade Separators, 3 ROB's, 10 Major Bridges, 14 No. of UPMS, 27 No. of UPSS and different other Minor Bridges and Culverts.

Responsibility:

Responsible with all the construction activities including launching of girders for 15 Km. of stretch near Manesar which includes 1 Grade Separator on NH-8, 2 ROB's, 1 UPMS, 1 Minor Bridge, 2 UPSS, and 14 culverts. All the Super Structures were with PSC I-Girders and foundations were on the Piles.

- **May' 2003, to April' 2009**

Lea Associates South Asia Pvt. Ltd.
Sr. Engineer (Bridges & Structures)



Projects Description

- Construction Supervision for **4-lane** of **New Connectivity to ICTT**, Valarpadam, Cochin Port on **NH-47-C** in the state of Kerala from **June 2007 to April 2009**.

Client: NHAI; **Project Length:** 17.2 Km; **Project Cost:** INR 430 Crores. **Contract Type:** EPC.

The project involves 17.2 Km, 4-lane divided carriageway by flexible pavement on new alignment & Passes through **back waters of Arabian Sea**, so extensive ground improvement activities have been necessitated due to very poor subsoil conditions prevailing over **6.7 Km. stretch** of highway, which was **constructed over Reclaimed land**. Ground improvement work are carried out by advanced engineering techniques of installing **PVDs** (Prefabricated Vertical Band Drains) **with stitches for 25 m** below the ground & by **Stone Column** method. Then this land was filled with surcharge with **piezometer inserted** at every **50m** interval to check excessive consolidation settlement and left out for a year.

- Construction Supervision for **4-laning of Allahabad By-Pass** from **Km 198.00 to Km 242.708** on **NH-2** in the state of **Uttar Pradesh (Package-3)** from **Jan 2005 to June 2007**.

Client: National Highways Authority of India; **Project Length:** 44.708 Km; **Project Cost:** INR 550 Crores; **Funding Agency:** The World Bank. **Contract Type:** Item Rate.

- Engineering **Consultancy Services** for **Jaipur – Kishangarh 6 lane express way** project of **NH - 8** on **BOT** basis in the state of Rajasthan from **May 2003 to Dec 2004**.

Client: National Highways Authority of India; **Project Length:** 90.385 Km; **Project Cost:** INR 700 Crores; **Funding Agency:** GVK – Jaipur Kishangarh Express way Pvt. Ltd.). **Contract Type:** BOT.

- **July' 1997 to May' 2003**

Tarapore & Company, Chennai.
G.E.T to Engineer (Structures).



Projects Description

- **Delhi Metro Rail Corporation (DMRC)** Project, Line- 2. This project consists of construction of railway stations at Jhandewaln, Rajendra palace, Patel Nagar, Shadipur Depot on Rajeev Chowk – Dwarka line from **Feb 2000 to April 2003**. **Contract Type:** Item Rate.

- **Construction of Office Building** for Jindal Steels at Sector– 44 at Gurgaon from **July 1997 to May 2000**. **Contract Type:** EPC.

Undertaking:

I, the undersigned, **Pawan Gupta**, S/o **Shri K. P. Gupta**, Aristo-1204, Supertech 34 Pavilion, Sector-34, **NOIDA-201307 (U.P.)**; **Cell: 99999-19763, 96305-51646, 93150-55624** certify that to the best of my knowledge and belief, these data, correctly describes me, my qualifications and my experience.

Date: 23.12.2022

Place: Ahmedabad.

(Pawan Gupta)