



Creating Infrastructure to meet the aspirations of future generations

L&T Infrastructure Development Projects Limited



A Subsidiary of Larsen & Toubro Limited



Four-lane road from Krishnagiri to Thopurghat on NH-7 in Tamil Nadu

Infrastructure is the foundation of growth and economic development. L&T Infrastructure Development Projects Limited (L&T IDPL) is a pioneer of the Public-Private-Partnership (PPP) model of development in India, where infrastructure projects are developed in partnership with the Central and State governments as well as private sector players.

L&T IDPL is a subsidiary of Larsen & Toubro – a major Indian multinational in technology, engineering, construction, manufacturing and financial services, with global operations.

L&T IDPL has acquired concessions through a competitive bidding process, for the development of Roads, Bridges, Hyderabad Metro Rail, Ports and Power Transmission Lines. It is

also constantly exploring new opportunities across sectors for their viability.

L&T IDPL is one of India's largest infrastructure developers with a proven track record across sectors. It is also one of India's largest road developers as measured by lane kilometres under concession agreements signed with the Central and State Government authorities.

Two decades of extensive experience in working with governments, multi-lateral agencies, international and domestic financial institutions and corporate entities has helped L&T IDPL to develop proven competencies in Viability Assessment, Financial Closure, Project Management, Operations &

Maintenance and Portfolio Management of Infrastructure Assets across various sectors. Since its inception in 1995, L&T IDPL has completed landmark infrastructure projects across key sectors like Roads, Bridges, Ports, Airports, Water Supply, Hydel Energy and Urban Infrastructure.

Canada Pension Plan Investment Board (CPPIB) made a substantial financial investment in L&T IDPL, and became a partner in December 2014. This is the first direct private investment by a Canadian pension fund into an Indian infrastructure development company. CPPIB is a professional investment management organisation that invests the funds not needed by the Canada Pension Plan (CPP) to pay current benefits on behalf of 18 million Canadian contributors and

beneficiaries. In order to build a diversified portfolio of CPP assets, CPPIB invests in public equities, private equities, real estate, infrastructure and fixed income instruments.

Headquartered in Toronto, with offices in Hong Kong, London, New York City and São Paulo, CPPIB is governed and managed independently of the Canada Pension Plan.



Tunnel on Beawar-Pali-Pindwara road, Rajasthan



ROADS & BRIDGES

Roads have a multifarious social and economic impact on the country.

L&T IDPL has one of the largest project portfolios in India's road sector, comprising approximately 7800 lane km with a project cost of Rs.18,100 crores. Our portfolio of road projects includes some of the most economically significant and high-traffic corridors connecting key industrial cities and ports in India.

Backed by a strong team of specialists working across domains, L&T IDPL has a significant level of experience in road development. L&T IDPL constantly endeavours to improve the road user's experience by providing excellent quality roads, technologically advanced toll collection facilities and 24 x7 emergency services. Combined, these ensure a safe, smooth and swift journey.

Overview of L&T IDPL's Road Projects

Operational road projects Name of road (From - To)	State	Number of lanes	Length of highway (Km)	Number of operational toll plazas
Chennai - Tada	Tamil Nadu	6	43	1
Krishnagiri - Walajahpet	Tamil Nadu	6	148	2
Krishnagiri - Thopur	Tamil Nadu	4	86	1
Coimbatore By - pass	Tamil Nadu	2	28	7
Devihalli - Hassan	Karnataka	4	77	2
Jadcherla - Kothakoa	Andhra Pradesh	4	180	1
Ahmedabad - Viramgam - Maliya	Gujarat	4	173	4
Halol - Godhra - Shamlaji	Gujarat	4	132	4
Rajkot - Jamnagar - Vadinar	Gujarat	4	83	3
Vadodara - Bharuch	Gujarat	6	56	1
Samakhiali - Gandhidham	Gujarat	6	60	1
Palanpur - Swaroopganj	Gujarat / Rajasthan border	4	76	2
Pimpalgaon - Nashik - Gonde	Maharashtra	6	60	1
Panipat Elevated Corridor	Haryana	6	10	1
Beawar - Pali - Pindwara	Rajasthan	4	244	4



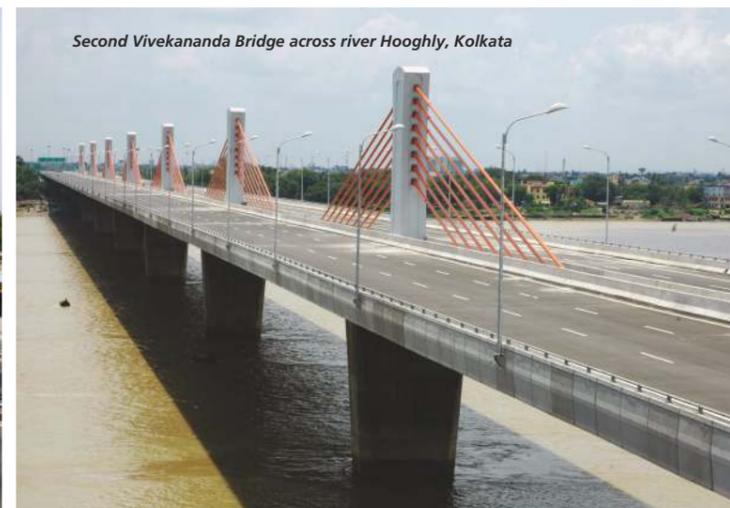
Vadodara-Bharuch Toll plaza, Gujarat



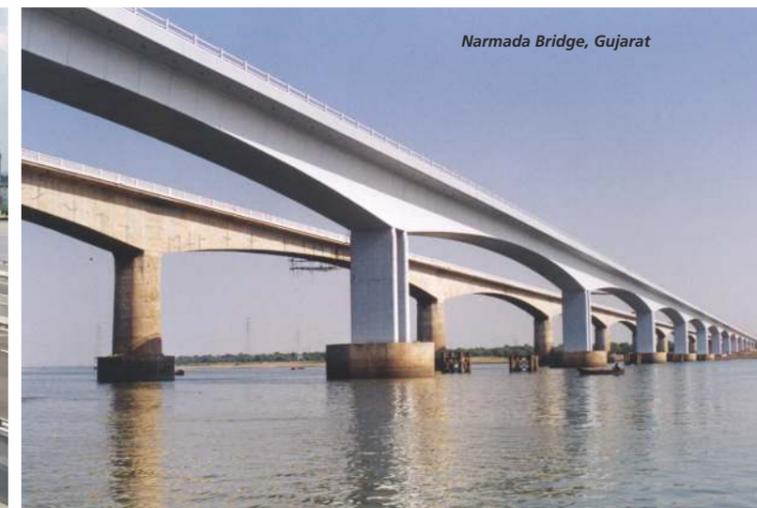
Bangalore International Airport, Karnataka



Jaipur-Kishangarh Expressway, Rajasthan



Second Vivekananda Bridge across river Hooghly, Kolkata



Narmada Bridge, Gujarat

Road projects under implementation

Name of road (From - To)	State	Number of lanes	Length of highway (Km)
Sambalpur - Rourkela	Odisha	4	161
Sangareddy to Maharashtra-Karnataka border	Telangana / Karnataka	4	145

Completed Projects

L&T IDPL is one of the few developers in the country who have handed over the assets to the concession authorities after successfully completing the concession period.

The projects completed by L&T IDPL and handed over to the concession authorities include:

- Bangalore International Airport, Karnataka
- 335-meter, 2-laned Watrak bridge across the Watrak river in Gujarat
- 6 km-long second Narmada Bridge at Zadeshwar on NH8 in Gujarat
- 880-metre six-laned Second Vivekananda Bridge across river Hooghly in Kolkata
- 51.6 km four-lane toll road from Ahmedabad to Mehsana in Gujarat

- 90 km six-lane Jaipur-Kishangarh Expressway on NH-8 in Rajasthan

Visakhapatnam Industrial Water Supply

A consortium led by L&T IDPL was awarded the Visakhapatnam Industrial Water Supply Project (VIWSP), an initiative floated by APIIC in 2002-03. It supplies 520 MLD bulk water to a combination of greenfield development regions of SEZ, Pharma City, Gangavaram Port and bulk customers like NTPC Simhadri Power Plant and Visakhapatnam Municipal Corporation. The project, costing INR 4.35 billion, commenced full operations from December 25, 2004. L&T IDPL had a 45.84% share in this project, from which it exited in 2006 by selling its stake to the Government of Andhra Pradesh.

Pimpalgaon-Nashik-Gonde elevated corridor, Maharashtra



South India's first BOT project - the Coimbatore Bypass, Tamil Nadu



Panipat Elevated Corridor, Haryana



Devihalli-Hassan Road, Karnataka





Unloading operation on a cape-size Vessel berthed at Dhamra Port, Odisha



Kattupalli Port, Tamil Nadu



Kakinada Port, Andhra Pradesh



International Seaport Haldia, West Bengal

PORTS

Gateways to growth, ports play an important role in the economy, facilitating domestic and foreign trade.

L&T IDPL has actively participated in the development of ports by providing a complete set of services which includes viability assessment, project management, operations & maintenance, marketing and business development.

L&T IDPL's track record in the ports sector includes:

The Dhamra Port Company Limited (DPCL) which was a 50:50 joint venture between L&T IDPL and Tata Steel.

Dhamra Port is a deep-draft, all-weather multi-user port on India's East coast in the State of Odisha. Dhamra Port has been granted a concession by the Government of Odisha to build and operate a port on BOOST (Build, Own, Operate, Share and Transfer) basis.

The Port was commissioned in May 2011 with an 18 km approach channel and a dedicated 62.7 km rail link to Bhadrak. In FY 2014, DPCL handled 14.3 mtpa of cargo. L&T IDPL sold its stake in DPCL in June 2014.

Kattupalli Port

Kattupalli Port – a division of L&T Ship Building Limited under the administrative control of L&T IDPL – is India's newest and most modern port complex. Located in Chennai's northern suburbs, Kattupalli Port is geared to offer the shipping industry a whole new dimension of service, speed and sophistication.

The port complex includes the Kattupalli International Container Terminal with an initial capacity of 1.2 million TEUs.

L&T IDPL holds a minority stake in Berth No.4A Haldia Port, West Bengal, and has developed the Kakinada Deepwater port in Telangana. It sold its stake in the Kakinada Port project in February 2008.



Hyderabad Metro Rail project

HYDERABAD METRO RAIL

Metro rail systems redefine the modern urban landscape. They speed commuters to their destinations, and add a distinctive element of style to a city. The metro is the preferred choice of Mass Transport system for cities worldwide because they offer a viable solution to the infrastructure woes that accompany urban expansion. High-speed, high-capacity, hi-tech – metros are here to stay.

L&T IDPL is changing the landscape of the historic, hi-tech city of Hyderabad by developing and building the Hyderabad Metro Rail. It will transform the way Hyderabad commutes, speeding people to their destinations at the fraction of the time, cost and environmental impact of other forms of transportation.

This project is being implemented by a Special Purpose Vehicle – L&T Metro Rail (Hyderabad) Limited – on a Design-Build-Finance-Operate-Transfer (DBFOT) basis under the concession agreement signed with the Government of Telangana. The concession period is 35 years, with an entitlement to renew for a further period of 25 years. The project is scheduled to be commissioned by 2017.

The Hyderabad metro rail network will cover a total distance of around 72 km across three corridors. The project will include around 18.5 million sq.ft of Transit-Oriented Development (TOD) in the earmarked parking and circulation areas and depots. In and around the city, this project is expected to trigger robust economic activity, which will generate substantial employment.



Kudgi Power Transmission Line project, Karnataka

POWER TRANSMISSION

The development of power transmission lines is essential in order to meet India's projected power generation capacity of around 210 GW.

Kudgi Transmission Limited

In August 2013, L&T IDPL was awarded a Letter of Intent (LOI) by REC Transmission Projects Company Limited for developing the Power Transmission line project on Build, Own, Operate and Maintain (BOOM) basis to evacuate Power from NTPC, Kudgi Thermal Power plant, located in the State of Karnataka.

The brief scope of work involves development of the transmission assets required for evacuation of power from Kudgi Thermal Power Station (3 x 800MW in Phase-1) of NTPC Ltd which includes:

- Two 400 kV D/C Transmission Lines from Kudgi - Narendra (New) - 7 km
- 765 kV D/C Transmission Line from Narendra - Madhugiri, 380 km
- 400 kV D/C Transmission Line from Madhugiri - Bidadi, 95 km

The project is being implemented over a 28 -month period through the SPV (Special Purpose Vehicle) Kudgi Transmission Limited.

The concession period of the Project is 35 years from the Commercial Operations Date (COD) which is scheduled for December 2015.

Wind Energy

L&T IDPL has installed 8.7 MW of wind energy generators, which have, so far, generated 56.66 million units of wind energy from March 2010, and is eligible for 16,128 Carbon Emission Reduction (CER) certificates per year until 2022 as a result of the carbon reduction by these wind generators. The National CDM Authority – Ministry of Environment & Forests, Government of India has approved L&T IDPL's Wind Energy Project as a 'Project contributing to sustainable development in India', and gave 'Host country approval' for the project in June 2012. On August 21, 2012, L&T IDPL successfully registered its Wind Energy Project as a Clean Development Mechanism (CDM) project with the United Nations Framework Convention on Climate Change (UNFCCC), Bonn, Germany.

Wind Energy Generator in Tamil Nadu





People

L&T IDPL's qualified and committed team of employees is working across projects countrywide. They form the backbone of the organisation and are engaged in all stages of our projects - from bidding to completion and operations and maintenance.

Corporate Social Responsibility

L&T IDPL recognizes its responsibilities towards the community and the environment in and around its project sites and establishments. As a concerned, conscientious and responsible corporate, we undertake various social welfare activities covering areas such as:

Safety: Periodic road safety awareness campaigns educate the community and road users on road safety measures. This initiative, and the various safety measures put in place at our road projects, has led to a marked decline in accidents.

Environment: On World Environment Day (June 5th) 1000 saplings are planted at each project site.

Healthcare: At all our project sites and offices we conduct regular camps for blood donation, as well as eye, health and dental check-ups, which benefit the community living near the project sites.

Education: At the start of the new academic year for government schools, we provide learning aids like black boards, stationery, bags and other essential items for the school children, in addition to infrastructure aid for the schools by donating water coolers, constructing toilets and classrooms.

Women's empowerment: L&T IDPL operates India's first and only all-women toll plaza in Maharashtra. This 60-km road project – connecting the Pimpalgaon-Nashik-Gonde section of NH-3 in Maharashtra – connects Mumbai to UP, MP, West Bengal and Odisha. All operations, including toll collection, are handled entirely by women. At L&T IDPL, we believe that employment options for women benefit society at large and also bridge the skill gap.



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Information given in this brochure is based on inputs received at the time of going to press and is subject to change.