

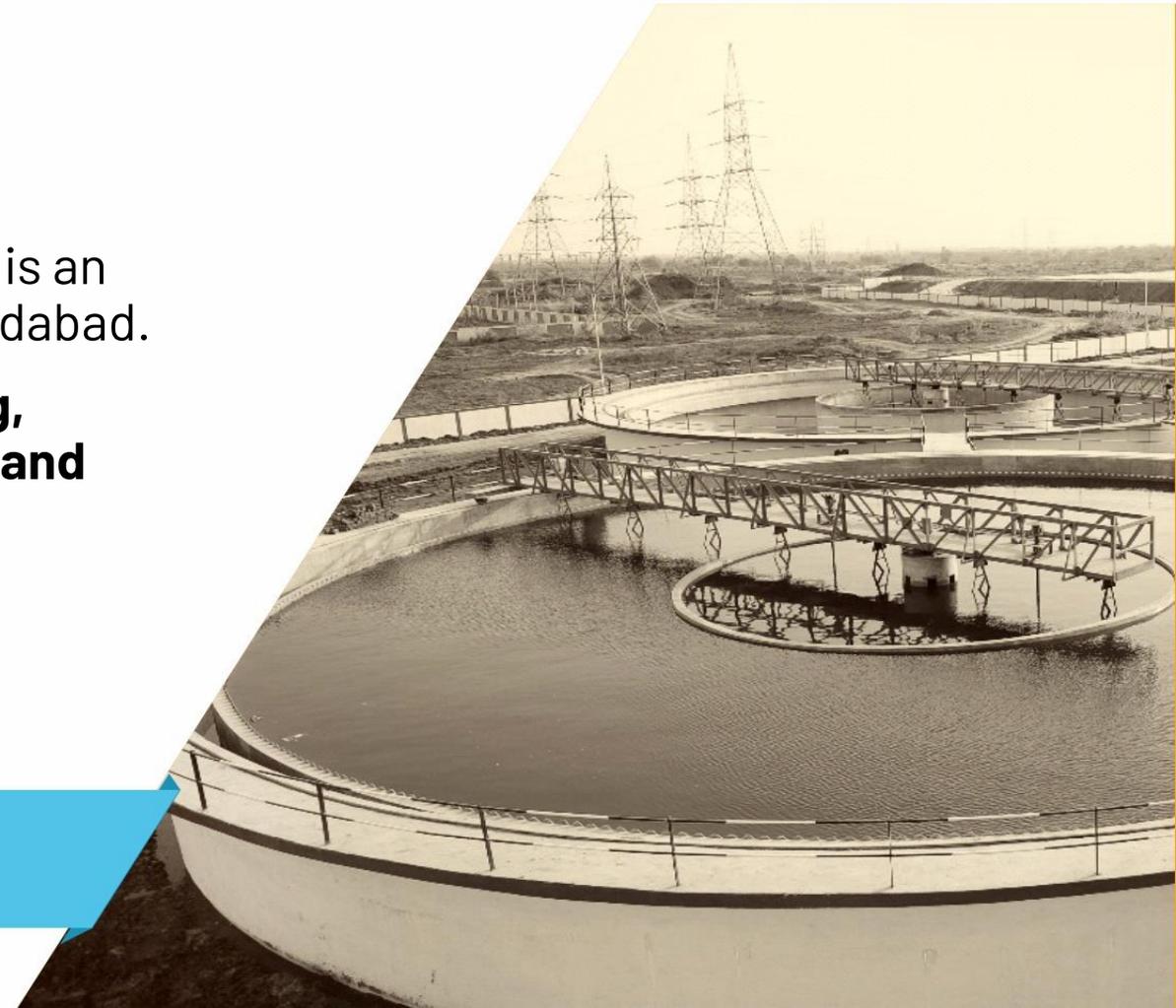
lc infra
projects pvt. ltd.

OPTIMIZING WATER FOR
NEARLY 5 DECADES



OPTIMIZING WATER FOR NEARLY 5 DECADES

- LC Infra, formerly known as Laxmi Construction, is an infrastructure company, headquartered in Ahmedabad.
- **Involved in design, construction commissioning, operating & delivering WATER, WASTE WATER and IRRIGATION project since 1974.**



A REMARKABLE JOURNEY WITH MANY MILESTONES

2000

Set up an RCC Pipe Manufacturing Facility at Gojaria, Gujarat

2002

Pioneered in setting up India's largest diameter Pipe Casting Facility, with Centrifugal Spinning Process

2005

Undertook many Canal Lining Works

2007

Completed many projects for laying Main Trunk Sewer Lines for Ahmedabad Urban Development Authority

2011

Constructed Sewer Lines under JNNURM Mission for Ahmedabad Municipal Corporation

2012

Got BIS Certification

A REMARKABLE JOURNEY WITH MANY MILESTONES

2014

Laid the network of
200+ kms of Pipelines

2019

Laid 53,00 RMTs
with diameter of 600
mm in 3 months

2021

Got a project under Jal Jeevan Mission, a central government initiative under the Ministry of Jal Shakti, to provide piped potable water in 3,000 villages of Uttar Pradesh

TOP MANAGEMENT



Mr. Shyam Sunder Agrawal
Chairman

Mr. Agrawal brings nearly 50 years of progressive & successful experience in all phases of water & wastewater-treatment and management services. He looks after the overall business-operation, strategic direction, public relations & long-term sustainability for his organization. He thrives on a clear vision and the ability to share that vision in a way that brings in sustainable profitable growth & maximizes the potential of people.



Mr. Pratik Agrawal
Managing Partner

Mr. Agrawal has been executing the responsibility to align the firmwide procurement & financial strategies with the overall business-objectives of the organization.

Delivering value in a variety of ways, he delineates & reviews relevant plans for spending across commercial expenses, demand-management, talent-management & technical acquisitions.



Mr. Rajan Agrawal
Managing Partner

Mr. Agrawal is a multi-disciplinary executive with extensive water industry-experience. A proficient professional in business-development and bidding, he brings in strong operational leadership & precisely manages & synergizes activities associated with the projects to achieve their systematic & methodical completion.



OUR VALUES FORM THE CORE OF OUR SUCCESS



- Sense of belonging to every project
- Long-term relationship
- Innovational Agility
- Accountability for actions
- Responsibility for the timeliness in work
- Attentiveness to bring in fulfilling working environment
- Client-delight





OUR MISSION

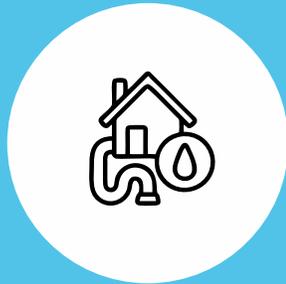
We envision ourselves **to continue delivering technical & tangible water management systems and diversify our EPC-capabilities into other sectors.**



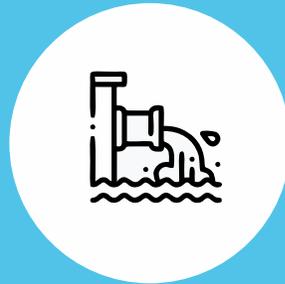
OUR VISION

We're committed to **environmental sustainability & social responsibility by adhering to the best industry-standards in EPC-offerings for various industrial segments.**

AN OVERVIEW OF OUR OFFERINGS



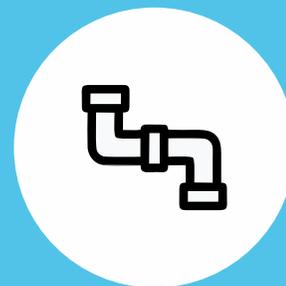
Potable
Water Supply



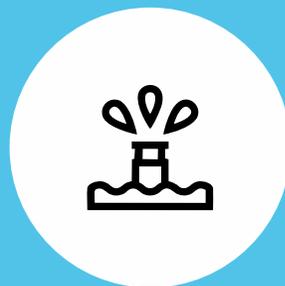
Sewerage
Networks



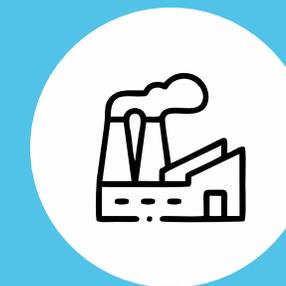
Waste-water
Collection & Discharge



Storm Water
Pipeline Works



Irrigation
Networks



Industrial
Water Supply

TARGET SEGMENTS

- Government & Semi-government Organizations
- Local Bodies
- Municipal Corporations
- Rural & urban households



AS A LEADING EPC CONTRACTOR, WE ADOPT EMERGING TECHNOLOGIES

- Comprehensive Engineering Services
- Cutting-edge technologies like Hardy-Cross Method & Cube Test of Concrete
- Accuracy in Sourcing, Treatment, Storage & Distribution for piped water-supply
- Screens, Gravel Filters, Slow Sand Filters, Activated Carbon, Aeration & Membrane Processes for Water Treatment
- Modern methods for Vacuum Sewerage System



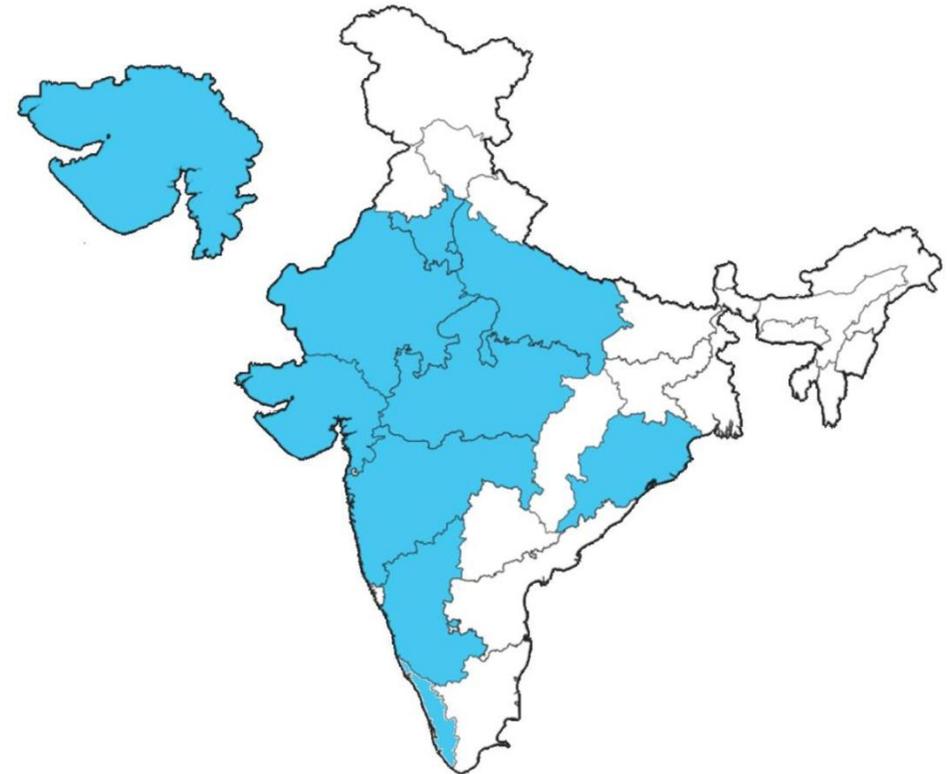
NO LITIGATION OR DELAY-PENALTY

With an in-depth understanding of regulations & legal frameworks, we've kept our clients always one step ahead of the curve and never faced any legal issue in 5 decades of our journey.



WE CONTINUE TO DEVELOP WATER-INFRASTRUCTURE IN 10 STATES

We've leveraged on competence, sectorial knowledge & pan-India experience to deliver several water infrastructure projects simultaneously in 50+ cities across Tamil Nadu, Rajasthan, Gujarat, Telangana, Odisha, Uttar Pradesh and other Indian states.



OUR TEAM:

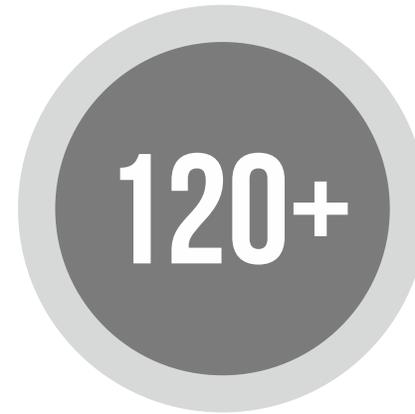
EXPERTISE TO PROVIDE SOLUTIONS
FOR THE TOUGHEST WATER &
WASTEWATER CHALLENGES



Team-strength



Certified Engineers



Site Supervisors

PROJECT MANAGEMENT IS OUR STRENGTH



**END-TO-END
COMPETENCE**



COST-EFFICIENCY



**TIMELY COMPLETION
OF PROJECTS**



SUSTAINABILITY

PROJECT-HIERARCHY TO IMPROVE COMMUNICATION, SCHEDULE & EXECUTION-PREDICTABILITY OF A PROJECT



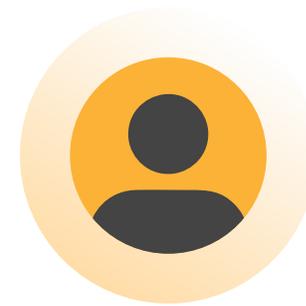
Project Director



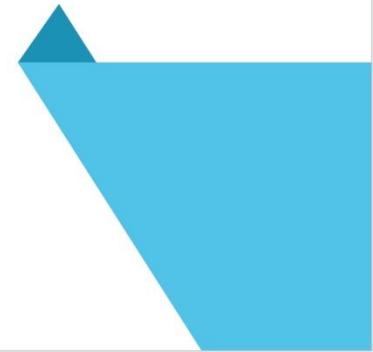
**State-level
Project Heads**



Project Managers



Liaising Officer



ORGANIZED PROJECT MANAGEMENT ACTIVITIES

- Making Bar Chart for Phase Management
- Defining the objectives of the project
- Outlining the scope of the project
- Identifying the stakeholders
- Estimating Costs
- Specifying quality-standards
- Ascertaining roles & responsibilities
- Periodic Reporting



EPC-SERVICES FOR SEWERAGE PROJECTS WITH SEWAGE TREATMENT PLANTS (STPS)

- **Basic Engineering Design** for sewer networks, areas to be covered, for households to be connected, defined volume of waste-water to be generated & Treatment Process
- Based on basic engineering design, **Survey of Area & Population, Topographic Survey, Contour Survey, Demarcation for land for Pumping Station & Sewage Treatment Plant**
- **Sewer Network Drawing**, as per network of city-roads & **Hydraulic Design**
- **Execution of Sewer Network** with pipeline-fixing & manhole-marking, house-service connection chamber marking, excavation of pipeline-trench, laying of pipelines & testing of leaks & pressure, refilling & compacting of trenches, excavation of HSC Pipelines & HSC Chambers, back-filling of HSCs & house-connection with HSCs
- **Execution of Pumping Stations & STPs**, with marking lay-outs & fixing of different structures of Pumping Stations & STPs, excavation, procurement & fixing of mechanical & electrical requisite items, trial-run of the entire system, final run with collected waste, fine-tuning to achieve desired parameters, execution of entire system
- **After completion of site-specific work, operation & management of projects for specified period of time**



EPC-SERVICES FOR WATER DISTRIBUTION

- **Basic Engineering Design** for source of water, areas to be covered, households to be connected, volume of water to be treated & Treatment Process
- Based on **Basic Engineering Design, Confirmatory Survey of areas & population to finalize Input Data for Final Design**
- Network of city-roads, Water Pipe Network Drawing with house-connections, location of intake, Water Treatment Plant, Underground Service Reservoir, Elevated Service Reservoir, Hydraulic Design & Water Treatment Process
- **Topographic Survey, Contour Survey, Population Survey, Demarcation of land for intake, WTP, UGSR & ESR...**
- **Execution of Pipeline- Intake to WTP, WTP to ESR and ESR to House**
- **Execution of WTP, UGSR & ESR- Fixing & Marking lay-outs of different structures, Excavation & Structural Work, procurement & fixing of mechanical & electrical requisite items, trial-run of the entire system, final run with collected waste, fine-tuning to achieve desired parametres, execution of entire system**
- **After completion of site-specific work, operation & management of projects for specified period of time**



REMARKABLE LIST OF SUCCESSFULLY COMPLETED PROJECTS



Water Distribution System & Sewerage System in Solapur, Maharashtra

Cost : INR 191.64 Cr., Work Starting Date : 02-01-2019 & Work Completion Date : 31-08-2021, Sewerage Network Length : 87 km

Kalaburagi Sewerage Project, Karnataka

Cost : INR 154.91 Cr., Work Starting Date : 13-10-2016 & Work Completion Date : 30-12-2019, Sewerage Network Length : 205 km

Bidar Sewerage Project, Karnataka

Cost : INR 96.21 Cr., Work Starting Date : 13-10-2016 & Work Completion Date : 31-12-2020, Sewerage Network Length : 125 km

Dewas Sewerage Project, Madhya Pradesh

Cost : INR 138.06 Cr., Work Starting Date : 13-01-2016 & Work Completion Date : 15-02-2021, Sewerage Network Length : 252 km

Indore Sewerage Project

Cost : INR 171.14 Cr., Work Starting Date : 28-12-2017 & Work Completion Date : 05-02-2021, Sewerage Network Length : 123 km

Gadag-Betageri Sewerage Project, Karnataka

Cost : INR 149.44 Cr., Work Starting Date : 17-10-2016, Work Completion Date : 31-01-2021, Sewerage Network Length : 162 km

And the list continues...

REMARKABLE LIST OF SUCCESSFULLY COMPLETED PROJECTS



SEWERAGE WORK

- 90+ Lacs Cubic-meter of Earthwork.
- Pipe Laid & Commissioned
 - 1000 Km - Stoneware Pipes,
 - 1100+ Km - RCC NP Pipes,
 - 780+ Km - PVC Pipes,
 - 600 Km - HDPE DWC Pipes,
 - 116+ Km - HDPE Pipes,
 - 85+ Km - DI Pipes,
- Total of 3700+ Km of Pipe Network,
- Including "18+ Km of Trenchless Work".
- Sewerage Pumping Station (Cumulative Capacity) - 271 + MLD (Million Litres / Day).
- Sewerage Treatment Plant (Cumulative Capacity) - 199 MLD and counting.
- Sewerage Treatment Plant (Cumulative Capacity) - 173 MLD only through SBR Technology

REMARKABLE LIST OF SUCCESSFULLY COMPLETED PROJECTS



WATER SUPPLY WORK

- 4+ Lacs Cubic-meter of Earthwork.
- Pipe Laid & Commissioned
 - 248+ Km - PVC Pipes,
 - 150+ Km - DI Pipes,
 - 70+ Km - HDPE Pipes,
 - 21+ Km - MS Pipes,
- Total of 491+ Km of Pipe Network,
- Water Treatment Plant (Cumulative Capacity) - 26+ MLD (Million Litres / Day).

IRRIGATION WORK

- 2.8+ Lac's Cubic-meter of Earthwork.
- Under Ground Pipe Laid & Commissioned
 - 547+ Km - PVC Pipes,
 - 31 + Km - GRP Pipes,
- Total of 481+ Km of UG Pipe Network for Irrigation,
- Culturable Command Area (Cumulative) - 27,780 Ha.+.

REMARKABLE LIST OF SUCCESSFULLY COMPLETED PROJECTS



MAJOR Highlights

- Presence in 50+ Towns across Ten Indian States.
- Completed 147 ML Reservoir & 8.5 ML Sump with 23 MLD WTP at WAGHODIA RWSS.
- Completed AIPC Irrigation Work (R&R) work in 6 months against 36 months Estimated completion time of project.
- Dholka UGD work – Completed in 14 months against 36 months Estimated completion time of project.
- Laid GRP Pipe (Φ 1100 to Φ 2400 mm) for SSNNL.
- Introduction of VACCUME SEWERAGE TECHNOLOGY in Two States.
- NIL PROJECT RELATED LITIGATION TILL DATE.
- Moving from Construction to Constructor & Operator of work executed, with more than 29 Projects in O&M (In progress & completed)

A SNAPSHOT OF OUR CLIENTELE



A PROMISE & POTENTIAL FOR HIGHER BUSINESS-GOALS & SUPREME FINANCIAL PERFORMANCE

- With 7 projects under various stages of execution, we're eyeing a revenue of INR 4,500 Cr.
- **2021-22- INR 800 Cr.+**
- **2022-23- INR 1,200 Cr.+ (Expected)**
- **An end-to-end Service Reservoir to House** project under Jal Jeevan Mission, a central government initiative under the Ministry of Jal Shakti, to provide piped potable water in 3,000 villages of Uttar Pradesh- **INR 3,000 Cr.**



WE'RE KEYED UP TO MAKE DIFFERENCE IN OTHER SECTORS

- We started providing water management systems at the time, when it was not a prominent business-proposition.
- We've built strong foundations.

We're ready to accept new challenges, with enduring competitiveness of our organization & the strength of assets & competencies nurtured over the years.



LC INFRA: ON A TRANSFORMATIONAL JOURNEY...

We're firm in our commitment to scale new horizons & diversify, in order to take the organization to even greater heights and create growing value for our nation.





THANK YOU

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