Banner Image

**Empowering Tomorrow’s infrastructure**

1. We are

Techno- Commercial Auditors

We are India’s foremost techno commercial audit firm with close to two decades of expertise Read More

1. We are

Quantity Surveyors

Our quantity surveyors play a vital role in ensuring accurate cost estimation and effective resource allocation Read More

1. We are

Contract Administrators

Our comprehensive services in Contract Administration and Bill Checking ensure transparency, compliance and cost optimization. Read More

1. We are

Cost Consultants

We provide cost management services on wide range of construction projects across sectors in infrastructure. Read More

1. We are

Building Information Modellers

Digitization of infrastructure operations & projects is our forte, we help in digital transformation of construction through BIMfirst, Digital twin. Read More

1. We are

Numbertree

We are a consulting engineering & audit services firm. We partner with businesses that advance the world, to overcome challenges they face and unlock their full potential. Read More

**Home Page Sections**

About Us

We are Infrastructure Experts

NumberTree is an infrastructure consulting engineering & audit services firm. We are committed to delivering exceptional and cutting-edge solutions to today’s business problems.

Sectors

Uplifting communities, improving access

We are infrastructure experts. Adapting to the needs of the companies we serve, is our forte. With close to two decades of experience, we have earned the trust of diverse businesses across sectors.

Urban Infrastructure

Urban Infrastructure is the foundation of society. Water, sewerage, health, education, sports, housing and recreational facilities are the core of society and its development. Our team is experienced in all these crucial sectors.

Transportation

As populations grow, so do demands for safe, expedient and cost-effective transportation across both developed & developing countries .We have expertise in Roads&Highways, multiple metro work and railways as well as port & airport projects.

Energy

Energy sector is faced with delivering reliable, affordable, and secure supplies, while also transitioning to cleaner energy. Our strategic insight while working on various projects in the sector address the challenges helps our clients succeed

Services

Empowering decision making to transform businesses

We partner with businesses to help them deliver projects, of varying of complexity. We provide services at various stages of construction and development. Our comprehensive range of services, help businesses deliver positive impact beyond their industries.

Techno-Commercial Audit

With this audit, we help promoters, owners and management of businesses engaged in infrastructure projects to reduce the project cost and achieve cost savings while improving the quality within the budgeted timeframe.

Project Management Consultancy

We take ownership of the entire project and chart a roadmap for our PMC Clients. We improve efficiency, reduce costs and time, and maximize value by managing the supply chain, making timely decisions, and operating in a proactive manner.

Quantity Survey and Cost Control

With this service, we enable project stakeholders to make informed decisions, manage risks, and optimize project budgets. We deliver accurate and detailed quantity calculations, supporting our clients in achieving successful project outcomes.

Construction Claim Management

Our expertise, meticulous approach, and dedication to delivering results make us the ideal choice for resolving project delays. We help businesses successfully navigate the complexities of delay analysis and claim management with confidence and efficiency.

Contract Administration & Bill Verification

We help clients, navigate complex contracts, control costs, ensure compliance, manage vendors, and maintain financial transparency through this service. With this we contribute to successful project outcomes, stakeholder satisfaction, and the long-term sustainability of infrastructure developments.

Transaction Advisory

We provide high-quality advisory services. With focus on debt intermediation, M&A, SME IPO, infrastructure advisory, project consultancy, and structured finance, we bring a wealth of expertise and experience to the table

Business Transformation

Construction businesses have a primary need for improved efficiency in project delivery. Traditional construction processes often suffer from delays, cost overruns, and quality issues, which can be mitigated by adopting innovative approaches and methodologies. With transformative technologies, construction firms can streamline their operations leading to improved profitability.

Projects

Taking projects from complexity to profitability

We are experts at handling projects which are multidimensional, large scale and complex. Our commitment is to ensure that each project is completed within budgeted cost and time. We approach each project with an aim to positively impact communities around us and help them prosper.

Careers

We promise growth, inclusion and diversity

People are at the heart of our services. At Numbertree, you can create relationships that support your development and a career path that fits your goals. Come explore a world of opportunities in various functions and roles.

Testimonials

Striving for excellence in service

We offer seamless and integrated service, from inception through to completion and handover, we are managements eyes at the project.

We listen to our clients’ needs and strive to provide them the best service

**Banner**

About Us

Connecting Communities. Enriching Lives

Content Header

Who We are

We are enablers of change

we catalyse effective & informed decision-making through unparalleled insights into the working and execution of large & complex infrastructures projects

We are a consulting engineering and audit services firm working with top infrastructure companies in the world. We are committed to shaping a brighter future. Over close to two decades of operations, we have earned the trust of diverse businesses. From construction to transportation, energy, water, and the environment, our clientele reflects our ability to cater to a wide range of needs.

With our range of transformative services, we help businesses unlock their full potential by empowering them with the essential tools for effective decision-making. Drawing on our extensive expertise we assist in overcoming the challenges that arise in today's business landscape.

“Our expert & dedicated on-site teams bring invaluable support to the projects, ensuring a smooth and controlled execution”

Our commitment extends beyond providing services. **We are here to empower businesses.** By providing the necessary tools, expertise, and support, we enable them to make a meaningful impact in their industry and beyond.

Our comprehensive ranges of services include -

* Project techno-commercial audit
* Project management consultancy
* Cost Management
* Quantity take-off
* Contract Administration & Bill Verification
* Claim management & Delay Analysis
* 3D/4D BIM
* Transaction advisory

We believe in the power of transformation, which is reflected in our array of *Business Transformation* services such **as 5D BIM, Digital Twin, Digital Project Monitoring, SOP & ERP integration**. These services enable our clients to stay ahead of the curve and gain a competitive edge.

We are fully equipped to address the most pressing challenges facing our cities and communities. We ensure that our clients business thrives but at the same time adheres to demands of responsible practices. Our comprehensive range of services is dedicated to fostering a harmonious equilibrium between economic growth and sustainability.

We collaborate closely with our clients, functioning as a unified team with a common goal of achieving positive outcomes reshaping industries.

Our infrastructure domain expertise is enhanced by a dynamic team of professionals, ensuring the delivery of superior, efficient, and long-lasting outcomes. Our team of experts includes - Engineers, Chartered Accountants, Planners & Schedulers, Quantity Surveyors, Billing engineers, BIM modellers, business transformation experts & other consulting, construction management professionals and environmental experts.

Our Vision

We are enablers of change, for our clients, for our environment & our people such that progress, growth and sustainability go hand in hand

Mission:

Our mission is to empower businesses with decision making insights to unlock their full potential and help them realize their objective to unlock their full potential.

We provide businesses with valuable insights to develop, grow & sustain their infrastructure operations. Our unique services are powered by knowledge and are a result of years of domain expertise, financial acumen and our relentless pursuit of achieving excellence.

Our Purpose

Empowering Tomorrows Infrastructure

We understand the role businesses play in the world we live in, and we are here to maximize the positive impact.

Our purpose is to make a real & significant difference in the way infrastructure companies operate and conduct their business. We partner with businesses to achieve their objectives, whether it is delivery of a complex project or their goal of impacting lives of underserved communities. **They can count on us**.

Our Values

The compass that guides our ship

We work on the some of the most complex & challenging projects, partnering with great businesses that will shape tomorrow’s world in the most positive and sustainable way. We remain committed to providing the best that we can offer – all the while guided by our values.

Client First

our unwavering commitment is to always prioritize our clients' interests. Their success is the ultimate measure of our own achievements. We firmly believe that by serving our clients with excellence, our own success naturally follows. To ensure their success, we dedicate ourselves to understanding their genuine needs and objectives, going beyond delivering good work to providing tailored solutions that exceed expectations. We are dedicated to the success of our clients and remain steadfast in our commitment to their prosperous future. Customer centricity is our guiding principle across all our services.

Integrity

Integrity lies at the heart of our endeavours. We hold ourselves accountable for the advice and guidance we provide. Clients’ confidentiality and transparency in our work forms the cornerstone of our principled approach.

We continuously review and update our internal controls and procedures to align with industry best practices and regulatory requirements. These measures serve as additional safeguards and ensures that we operate in a manner that is ethical and in compliance with the applicable laws and regulations.

Agility

We embrace change with Confidence. Agility is at the core of our principles, guiding us to navigate the ever-evolving business landscape with confidence. We believe that adaptability and responsiveness are crucial in delivering effective audit solutions. Our agile approach enables us to swiftly respond to emerging risks, industry trends, and regulatory changes, ensuring that our clients receive timely and relevant insights. Our agile approach ensures seamless service delivery, maintaining the same high standards of excellence and professionalism wherever the clients need us.

Law of land

We are dedicated to complying fully with the letter and spirit of the laws, rules and ethical principles that govern us. Our success is built upon the foundation of upholding this standard without compromise. By prioritizing total compliance to legal and regulatory frameworks, we ensure the highest levels of integrity and accountability in all aspects of our work.

Social Impact

We seek to have a positive and lasting impact beyond the business domain. We believe we can make the world a better place both directly through our client work and through our indirect efforts. We understand the importance of community cohesion. Whether it's volunteering our expertise, providing financial contributions, or collaborating with charitable organizations, we are committed to making a difference in our own way.

Knowledge

Knowledge forms the base of all our services. We recognize that informed decisions drive success in complex engineering and audit projects. We firmly believe that our knowledge is not just a resource but a distinct advantage for our clients. Our commitment to continuous learning ensures that our team remains at the forefront of industry advancements, ready to deliver solutions that exceed expectations. We understand that each client's needs are unique, and our dedication to expanding our knowledge through ongoing education allows us to offer innovative approaches and effective strategies.

Our Approach

We are here to amplify leadership’s vision

We handle intricate details of a project with precision and efficiency so that top management can concentrate on broader strategic vision.

We meticulously **customize our services** to align with business needs. Addressing every strategic need and pain point of the leadership is not just a commitment but a cornerstone of our approach. We recognize that our findings have significant influence over a company's strategic trajectory, we thus act as partners to help you navigate the rough seas.

“Our on-site insights act as a navigational beacon for businesses. Ensuring that projects remain well within the budgeted cost and timeline.”

Our client

***We build relationships that creates value***

CEOs and board members see us as their natural partner. Thanks to our long-term, trust-based relationships, they know that they can turn to us any time to discuss any situation or challenge that arises while executing a project. It is a source of immense pride for us that most of our customers are also our repeat customer.

“A relationship, built and nurtured with mutual respect, shared goals & thorough understanding of business needs”

In addition to our audit Services, we also offer our clients the services of BIMfirst and transaction advisory, that reflects our commitment to meet our clients’ evolving needs.

Here’s what some of our clients have to say about us

Make boxes for testimonials

Box 1

Box 2

Box 3

Box 4

Our people

At Numbertree, our people are at the heart of everything we do. We value our team and our reputation, and make it a priority to attract and retain the best professionals in our fields of expertise  
  
Our strength lies in our ability to adapt to our clients' culture and local markets. We provide personalized services as a specialist firm while leveraging our domain expertise to undertake the most complex projects and help our clients realize their ambitions

Our Leadership  
  
  
We are a leading engineering and audit services firm with extensive industry expertise in transportation and infrastructure, power and energy, and resources industries.

Our Leadership & team of experts have a deep understanding of the unique challenges and opportunities that these industries face. A core team of Chartered accountants, ex bankers, industry stalwarts from infrastructure – together we ensure that our clients’ needs are not just met but we exceed expectations.

Syed Mahtab Alam

CA

Founder & CEO

Ajay Shekhar

CA

Partner

Sanjay Purshala

CA

Advisor

Tribhuvan Das

CA

Quality & Controls

Rashmi Anand

Director

Marketing & Communications

Ajay Kar

Head – Audit Quality

Our CSR & ESG

Our Ethics

Committed to doing the right thing, every time

Integrity & Transparency lies at the heart of all our endeavours.

All our financial processes and practices are conducted with utmost clarity, enabling our clients to have a comprehensive understanding of the strategies and actions we undertake on their behalf. We believe that transparency breeds accountability, and we hold ourselves accountable for the advice and guidance we provide.

We not only foster an environment of trust and collaboration but we also maintain highest standard of business integrity in our work. we continuously review and update our internal controls and procedures to align with industry best practices and regulatory requirements. These measures serve as additional safeguards to protect the integrity of our financial operations, ensuring that we operate in a manner that is ethical, responsible, and in compliance with applicable laws and regulations.

Code of Conduct

Our Code of Conduct document, underlines our commitment to integrity. It outlines both essential legal parameters and ethical principles guiding our conduct in serving our clients. It addresses our company’s professional, ethical, financial and social values. It outlines expected behaviour for all employees across our operations. This code reflects our pledge to uphold the trust of clients, partners, and the communities we serve, aligning our actions with the highest standards of accountability and responsibility.

Download Code of conduct document here

Anti-Corruption

Numbertree is committed to integrity, and we adhere to the highest standards of ethics and compliance while delivering excellence to our clients. We continue to earn our clients’ trust by delivering outstanding customer service and acting ethically in all that we do. We train our employees on anti-corruption, anti-bribery and related policies & processes.

Download our Anti-Corruption policy here

Data Integrity

We prioritize data security and compliance with industry standards and regulations. Our digital infrastructure includes robust encryption protocols, access controls, and secure data storage. We use proprietary software tools for our audit service ensuring no data leakage or parking of information with any third party. We adhere to data privacy regulations and maintain strict confidentiality of client information. We train our on-site teams on rules and processes pertaining to data integrity.

**Sector Main Page**

Sector

In today's dynamic business environment, a company's success is intricately linked to its specialized knowledge and expertise within the industry. The integration of in-depth domain knowledge with unique expertise not only meets customer demands but also ensures a thorough understanding of the ever-changing industry trends.

We cater to sectors across infrastructure segments. Our in-depth knowledge of the sector coupled with customized approach to each infrastructure project, has made us preferred partners to some of the leading infrastructure companies in India and abroad.

Transportation Sector

Banner

TRANSPORATION

Railways & Metro

Driving development through consulting and audit services for railways and metros, vital lifelines shaping modern infrastructure and economic progress."

*Helping people move faster, safer and sustainably*

As populations grow, so do demands for safe, expedient and cost-effective transportation. We work with clients in India & abroad to achieve cost optimization, digitization/BIM and efficiency in processes and control in transportation projects.

We use our extensive knowledge in techno commercial audit, project planning, digital project monitoring, 3D/4D BIM and managing transportation systems — to help our clients find smarter, more advanced ways to move people from one place to another.

Our integrated and collaborative approach has helped us serve all major transport systems. Our unique expertise enables us to deliver high-quality services for our clients that pave the way for long-lasting benefits to society. Our work across **Eastern & Western dedicated freight corridors**, **Pune Metro**, **Mumbai Metro**, **Etihad Railways**, **Red Sea Airport – Saudi Arabia**, Leh **Airport, Expressways & Roads** has helped these clients connect people and places in forward-thinking ways.

Railways & Metro

Rapid urbanization and increasing traffic congestion, has necessitated investment in rail and metro infrastructure in the development of a country. Rail networks efficiently move both goods and people, thereby minimizing the strain on congested roadways. The emergence of rapid urban mass transit options like metro systems, has further provided alternative modes of transportation and reduced pressure on surface transport networks.

At Numbertree, we combine engineering techniques with commercial aspects of project to arrive at the best solutions for the challenges faced by this sector. *“By leveraging our technical acumen, strategic insights, and state-of-the-art methodologies, we empower clients to make informed decisions in real-time, ensuring seamless project progression.”*

We have vast experience in handling issues pertaining to development of railway corridors. Furthermore, our quality assurance (audit) services have earned accolades for optimizing the systems and processes of numerous multinational corporations, cementing our reputation as a trusted partner in the advancement of infrastructure development.

Related Project

**Mumbai Metro, Mumbai, Maharashtra**

**Western Dedicated Freight Corridor, Khurja, Uttar Pradesh**

**Pune Metro, Pune Maharashtra**

**Delhi Metro, New Delhi**

**Eastern Dedicated Freight Corridor**

Latest Projects

**Surat Metro, Surat, Gujarat**

**Mumbai Metro Package 2, Mumbai, Maharashtra**

Related Services

**Techno - Commercial Audit**

**Contract Administration & Bill Verification**

**Quantity Survey**

**5D/4D/3D BIM**

*Helping people move faster, safer and sustainably*

As populations grow, so do demands for safe, expedient and cost-effective transportation. We work with clients in India & abroad to achieve cost optimization, digitization/BIM and efficiency in processes and control in transportation projects.

We use our extensive knowledge in techno commercial audit, project planning, digital project monitoring, 3D/4D BIM and managing transportation systems — to help our clients find smarter, more advanced ways to move people from one place to another.

Our integrated and collaborative approach has helped us serve all major transport systems. Our unique expertise enables us to deliver high-quality services for our clients that pave the way for long-lasting benefits to society. Our work across **Eastern & Western dedicated freight corridors**, **Pune Metro**, **Mumbai Metro**, **Etihad Railways**, **Red Sea Airport – Saudi Arabia**, Leh **Airport, Expressways & Roads** has helped these clients connect people and places in forward-thinking ways.

Road & Highways

As catalysts for economic growth and facilitators of connectivity, roads are indispensable for development. It not only augments job creation but also enhances community cohesion.

With increasing urbanization, expanding, investing and upgrading road infrastructure has never been more crucial.

“*At Numbertree, we've pioneered a collaborative and innovative approach to support businesses in spearheading some of India's most ambitious road and highway projects.”.*

The Mumbai-Delhi expressway, The Kartavya Path (earlier known as Raj path), innumerable Toll ways have all benefitted from our services. We understand the diverse challenges inherent in such projects, irrespective of scale or complexity, we provide our professional and well thought services at every stage of development. Our flagship service of techno commercial audit along with contract administration, quantity survey and delay analysis are designed for this sector delivering quality and precision work consistently. We have saved costs and avoided time overrun in multiple expressways and roads projects.

Related Project

1. **Kartavya Path, India Gate, New Delhi**
2. **Delhi-Vadodara Greenfield Alignment, New Delhi**

**(NH148N) (Package 20)**

1. **Suryapet Khammam Road, Khammam, Tamil Nadu**
2. **Davangere Haveri Highway, Davengere, Karnataka**
3. **Manmad - Malegaon Toll, Maharashtra**

Latest Projects

1. **Gorakhpur Link expressways, Uttar Pradesh**
2. **DVEP Package, Godhra, Gujarat**
3. **Kartavya Path, New Delhi**
4. **Shivpuri-Guna Toll ways, Madhya Pradesh**
5. **Mumbai Delhi Expressway package 2, Gujarat**

Related Services

**Techno - Commercial Audit**

**Contract Administration & Bill Verification**

**Project Management Consultancy**

**Quantity Survey**

**5D/4D/3D BIM**

**Banner**

TRANSPORTATION

Airport & Aviation

Our expert services balances objectives with the pragmatic issues of development in aviation sector.

**Page write up**

*Helping people move faster, safer and sustainably*

As populations grow, so do demands for safe, expedient and cost-effective transportation. We work with clients in India & abroad to achieve cost optimization, digitization/BIM and efficiency in processes and control in transportation projects.

We use our extensive knowledge in techno commercial audit, project planning, digital project monitoring, 3D/4D BIM and managing transportation systems — to help our clients find smarter, more advanced ways to move people from one place to another.

Our integrated and collaborative approach has helped us serve all major transport systems. Our unique expertise enables us to deliver high-quality services for our clients that pave the way for long-lasting benefits to society. Our work across **Eastern & Western dedicated freight corridors**, **Pune Metro**, **Mumbai Metro**, **Etihad Railways**, **Red Sea Airport – Saudi Arabia**, Leh **Airport, Expressways & Roads** has helped these clients connect people and places in forward-thinking ways.

**Airport & Aviation**

Pairing expert knowledge with more than 15 years’ experience, our teams have provided construction management and consultancy services to many aviation projects.

*“Our expertise drives innovation, efficiency and value into every project. Our teams have extensive, first-hand experience in delivering airport projects”*

Our teams have extensive, first-hand experience in delivering airport projects, combining with an exceptional commitment to quality, digital construction management methods like 3D BIM and a collaborative, client-focused approach to ensure success. We have worked in some of the most prestigious projects like Red Sea Airport, Bangalore international Airport, The Leh Airport. Whether new build, airport expansion or renovation, we offer a full range of digital services & engineering audit services to help our clients deliver challenging, high-profile projects efficiently and on time, every time.

Our specialists and subject matter experts work closely with airport developers to improve processes, controls, SOP & MIS management to ensure operations of projects in the right manner We provide prompt and customised services that meet client expectations and airport and industry needs.

Related Project

1. Red Sea International Airport, Saudi Arabia
2. Kushok Bakula Rimpochee Airport, Leh, Ladakh
3. Manohar Parrikar International Airport, Goa
4. Lok Priya Gopinath Bordoloi International Airport, Guwahati, Assam
5. The Kempe Gowda International Airport, Bangalore, Karnataka

Latest Projects

1. Manohar Parrikar International Airport, Goa
2. Red Sea International Airport, Saudi Arabia

Related Services

**5D/4D/3D BIM**

**Techno - Commercial Audit /Cost Overrun**

**Claim Management & Delay Analysis**

**Contract Administration & Bill Verification**

**Project Management Consultancy**

**Quantity Survey**

**Banner**

TRANSPORTATION

Ports & Maritime

Ports are gateways to regions, countries and transport modes.

We understand the challenges of this sector

Top of Form

*Helping people move faster, safer and sustainably*

As populations grow, so do demands for safe, fast and cost-effective transportation. We work with clients in India & abroad to achieve cost optimization, digitization/BIM and efficiency in processes and control in transportation projects.

We use our extensive knowledge in techno commercial audit, project planning, digital project monitoring, 3D/4D BIM and managing transportation systems — to help our clients find smarter, more advanced ways to move people from one place to another.

Our integrated and collaborative approach has helped us serve all major transport systems. Our unique expertise enables us to deliver high-quality services for our clients that pave the way for long-lasting benefits to society. Our work across **Eastern & Western dedicated freight corridors**, **Pune Metro**, **Mumbai Metro**, **Etihad Railways**, **Red Sea Airport – Saudi Arabia**, Leh **Airport, Expressways & Roads** has helped these clients connect people and places in forward-thinking ways.

Ports

Ports and their operations play a pivotal role in sustaining the economy. However, Today, ports face a number of intricate challenges. Our team specializes in delivering customized solutions to these intricate challenges. They help foster efficiency, cost optimization, and mitigate cost overruns.

Working closely on-site, we strategize for the future, employing a time – tested and industry standard framework of processes and systems to enhance operational efficiency. “*Our integrated service includes controls, reporting, information management, and program planning, ensuring comprehensive support for our port clients”.* What sets us apart is our commitment to understanding unique needs of our clients, offering customised solutions that addresses those pain points of. By leveraging innovation and our expertise, we empower ports to navigate challenges seamlessly and drive sustainable economic growth.

Related Project

1. Captain of Ports, Goa
2. Cochin port Trust, Cochin, Kerala
3. Karwar Naval Base, Karwar , Karnataka

Latest Projects

1. Karwar Naval base , Karwar, Karnataka

Related Services

**Techno - Commercial Audit /Cost Overrun**

**Claim Management & Delay Analysis**

**Contract Administration & Bill Verification**

**Project Management Consultancy**

**Quantity Survey**

Urban Infrastructure Sector

**Banner**

URBAN INFRASTRUCTURE

Residential

Our expertise offers support throughout the project lifecycle, ensuring project success through timely delivery, within estimated budgets. We are project managers support & partners at the site.

**Page writes up**

*Urban Infrastructure is the foundation of society*

Infrastructure is the foundation of society. The transport, energy and digital networks form the cornerstones of economic growth. And the health, education, sports, housing and recreational facilities invest in the fabric of society.

Infrastructure development is a global challenge. As businesses strive to develop infrastructure, support communities and create livelihood, the developing markets as well as developed countries are likely to triple the infrastructure investment necessitating the need for expert professional services like Numbertree.

*“As a consulting engineering & audit services firm, we help public and private sector organizations involved in infrastructure to deliver the outcomes they are seeking, whether for society or for business, or both, as efficiently as effectively as possible.* “

we believe we can add value across different sectors within infrastructure. Our value-added services have been developed & calibrated over 15 years, to cater to needs and goals of these various sectors we serve.

**Residential**

Globally, the urban population now exceeds the rural population. The increasing demand for housing stems from economic development led by employment creation in cities. In the emerging economies, aspiring middle-class consumers are driving the demand for better living conditions.

“*Our expertise supports housing that builds communities where people thrive. Our track record ensures that we deliver clients’ objectives and create long-term sustainable success”.*

At NumberTree we provide services across the complete development cycle. Our outcome-focused approach ensures our services are perfectly aligned to the needs of our clients. Our experience ranges from large mixed-use developments, affordable mass housing, townships & state of the art realty as well as private housing. We’ve worked for many years on residential projects in major cities. Through Project management consultancy we have brought into reality the world’s largest affordable mass housing project comprising of 30,000 houses for underserved communities of Solapur, Maharashtra, India.

We work with onsite teams to keep projects on track, and optimize cost through value added services using the full proof processes, suggesting solutions that add value. We also review lifecycle costs and costs-in-use for the procurements done, so balancing capital and maintenance expenditure.

Our procurement assistance service creates top-to-bottom consistency throughout the entire logistics, delivery, and installation process, and our value engineering service achieves the optimum balance between function, performance, quality, safety, and cost. Our QS and Cost Management service helps deliver projects that meet all the functional and operational requirements of our clients within their budgets.

Related Project

1. Trump Tower, Mumbai, Maharashtra
2. Purva Atmosphere, Bangalore, Karnataka
3. Andaman Nicobar Tsunami Rehabilitation, Havelock, Andaman & Nicobar
4. Ray Nagar Federation Affordable Mass Housing (30,000 homes), Solapur, Maharashtra
5. Nanded Mass Housing Project (11500 homes), Nanded, Maharashtra
6. Park West, Bangalore, Karnataka
7. Mumbai Vicinia, Mumbai
8. Malegaon Mass Housing (12000 Homes), Maharashtra
9. Shukho Brishti, Kolkata, West Bengal

Latest Projects

1. Purva Atmosphere, Bangalore
2. Spriha, Kolkata
3. Noida Valley, Noida, Uttar Pradesh
4. Joy Ville Manjri, Pune, Maharashtra
5. Joy Ville, Virar, Mumbai, Maharashtra
6. Shristi Namaah Project, Mumbai, Maharashtra

Related Services

**Project Management Consultancy**

**Techno - Commercial Audit /Cost Overrun**

**3D/4D/5DBIM**

**Digital Twin**

**Digital Project Monitoring**

**Contract Administration & Bill Verification**

**Quantity Survey**

**Banner**

URBAN INFRASTRUCTURE

Commercial

Commercial Properties are developments that form the backbone of a thriving economy.

**Page Write Up**

*Urban Infrastructure is the foundation of society*

Infrastructure is the foundation of society. The transport, energy and digital networks form the cornerstones of economic growth. And the health, education, sports, housing and recreational facilities invest in the fabric of society.

Infrastructure development is a global challenge. As businesses strive to develop infrastructure, support communities and create livelihood, the developing markets as well as developed countries are likely to triple the infrastructure investment necessitating the need for expert professional services like Numbertree.

“*As a consulting engineering & audit services firm, we help public and private sector organizations involved in infrastructure to deliver the outcomes they are seeking, whether for society or for business, or both, as efficiently as effectively as possible. “*

we believe we can add value across different sectors within infrastructure. Our value-added services have been developed & calibrated over 15 years, to cater to needs and goals of these various sectors we serve.

Commercial

From renovation projects, to recreational places to major mixed-use development, our comprehensive approach provides advice, monitoring, planning, surveying & BIM services for this sector.

At NumberTree, our culture is to partner with our clients to meet project challenges. we have a proven capability of applying our knowledge and expertise to help deliver objectives and create long-term sustainable success. Our teams balance project objectives with the pragmatic issues of development. We understand how site level execution, processes & controls, all affect development. We’re also well versed at managing and protecting the varied objectives of multiple stakeholders. Our collaborative approach creates an environment of trust and efficiency amongst the clients’ team.

From outdoor spaces that provide recreation to environmentally sustainable project development – optimizing operating costs is our forte. Number tree’s technical specialists work collaboratively with our clients to constantly redefine the way projects are handled.

“*Our services in this sector include cost management, quantity surveying, techno commercial audit, project management consultancy, project cost and execution consultancy services. We help clients assess the feasibility of projects and make informed decisions. “*

Related Project

1. Seven, Exit 10 Mall, Riyadh, Saudi Arabia
2. Forum Mall, Cochin, Kerala
3. Marriott Hotel, New Delhi
4. Sports Stadium, Rajgir, Bihar
5. Amity University, Ranchi, Jharkhand
6. Ascendas, Telangana, Hyderabad,
7. Multi-level Parking, Delhi
8. Jockey, Sitamarhi, Bihar
9. Sitamarhi, Hospital, Ramdaspur, Bihar
10. OMC, Koraput, Odisha
11. BTT, Bangalore
12. HDFC Bank Kolkata

Latest Projects

1. Seven, Exit 10 Mall, Riyadh, Saudi Arabia
2. Forum Mall, Cochin
3. Marriott Hotel, New Delhi

Related Services

**Project Management Consultancy**

**Techno - Commercial Audit /Cost Overrun**

**3D/4D/5DBIM**

**Digital Twin**

**Contract Administration & Bill Verification**

**Quantity Survey**

**Banner**

URBAN INFRASTRUCTURE

Institutional

Committed to shaping the world around us. We have worked on landmark buildings like the grandeur personified – The new parliament building and Bharat Mandapam – the G20 summit venue.

*Urban Infrastructure is the foundation of society*

Infrastructure is the foundation of society. The transport, energy and digital networks form the cornerstones of economic growth. And the health, education, sports, housing and recreational facilities invest in the fabric of society.

Infrastructure development is a global challenge. As businesses strive to develop infrastructure, support communities and create livelihood, the developing markets as well as developed countries are likely to triple the infrastructure investment necessitating the need for expert professional services like Numbertree.

“*As a consulting engineering & audit services firm, we help public and private sector organizations involved in infrastructure to deliver the outcomes they are seeking, whether for society or for business, or both, as efficiently as effectively as possible. “*

we believe we can add value across different sectors within infrastructure. Our value-added services have been developed & calibrated over 15 years, to cater to needs and goals of these various sectors we serve.

Institutional

# Our wealth of experience in this sector emanates from our services provided during construction India’s premier educational institutes like IIM Trichy, IIM Kashipur, and the coveted Nalanda University.

We have worked on certain landmark building like the grandeur personified – The new parliament building and Bharat Mandapam – the G20 summit venue. We offer strategic advice and support to those involved in the delivery, expansion, renovation of institutional facilities. We hand hold our clients from initiation of project through to project delivery - saving costs in the long term. We manage sites, manage risk, and bring certainty in a world of fluctuating costs.

From initial development stage till completion, Numbertree provides multidimensional services at all phases of a project. We help clients across all types of development – educational institutes, hospitals, universities, special structures & landmark large and complex developments like government buildings.

“*We understand the challenges of development of government building which are meant for long term use. These buildings occupy pride of place in the country, its future & history. We assist the developers in ensuring that these structures are brought to life within specified time and cost. We have worked continuously over a period of 36 months on certain projects, from its initiation to completion, hand holding at every step. We are your trusted partners.”*

Related Projects

1. **New Parliament Building, New Delhi**
2. **Central Vista, New Delhi**
3. **Bharat Mandapam, New Delhi**
4. **The Sanchi Stupa,**
5. **IIT Hyderabad, Telangana**
6. **Al Maktoum Hospital, Dubai**
7. IIM Vizag, Tamil Nadu
8. Sitamarhi, Hospital, Ramdaspur, Bihar
9. IIT Palakkad, Kerala
10. Kalyan Singh Cancer Hospital, Lucknow, Uttar Pradesh
11. AIIMS Jhajjar, Haryana
12. Hazaribagh Hospital, Jharkhand
13. Palamu Hospital, Jharkhand

Latest Projects:

1. New Parliament Building, New Delhi
2. Central Vista, New Delhi
3. Bharat Mandapam, New Delhi
4. The Sanchi Stupa,
5. IIT Hyderabad, Telangana

Related Services

1. **Project Management Consultancy**
2. **Techno - Commercial Audit /Cost Overrun**
3. **3D/4D/5DBIM**
4. **Digital Twin**
5. **Contract Administration & Bill Verification**
6. **Quantity Survey**

**Banner**

URBAN INFRASTRUCTURE

Industrial

In this sector, delivering projects on time and within budget is of utmost importance in the face of challenges like scalability, precision & sustainability.

*Urban Infrastructure is the foundation of society*

Infrastructure is the foundation of society. The transport, energy and digital networks form the cornerstones of economic growth. And the health, education, sports, housing and recreational facilities invest in the fabric of society.

Infrastructure development is a global challenge. As businesses strive to develop infrastructure, support communities and create livelihood, the developing markets as well as developed countries are likely to triple the infrastructure investment necessitating the need for expert professional services like Numbertree.

“As a consulting engineering & audit services firm, we help public and private sector organizations involved in infrastructure to deliver the outcomes they are seeking, whether for society or for business, or both, as efficiently as effectively as possible. “

we believe we can add value across different sectors within infrastructure. Our value-added services have been developed & calibrated over 15 years, to cater to needs and goals of these various sectors we serve.

**Page write Up**

At NumberTree, we understand the industrial lifecycle and we deliver comprehensive range of solutions that create the best outcomes at every stage. Our clients are supported by an agile team with leading consulting engineering & audit services, digital project monitoring, quality surveying, cost management, bill verification and contract administration services that are unmatched by any firm competing in the industrial landscape today.

We bring a unique perspective of cost optimization using BIM modelling services at various stages – we bring time and cost efficiency along with a single and straightforward source of accountability to increase productivity, conserve resources, optimize life-cycle costs, and reduce risks.

We are reputed for accelerating project schedules through our project management consultancy services and enhancing project level, onsite productivity through efficient process controls. We make sure stakeholder management at project site where our team integrates with client’s team and work collaboratively to achieve objectives.

“*Our integrated team serves clients by driving technological innovation in planning, project execution, and operations. Our best-in-class technical teams help clients achieve robust, cost-effective solutions through process led audit”*

We offer informed, customized services for all our clients. Our teams have the knowledge and expertise to approach any challenge with keen insights, demonstrating flexibility to accommodate client’s unique needs

Related Projects

1. **IOCL Technip , Paradip, Odisha**
2. **Maruti Suzuki Plant India Limited, Sonipat, Haryana**
3. **Maruti Suzuki Plant, Gujarat**
4. **Factory Building, Dehradun, Uttarakhand**
5. **IOCL N-Butanol Refinery, Gujarat**
6. Mekong Silk Factory, Valsad, Gujarat
7. Heinz Factory, Noida

Latest Projects

1. Factory Building, Dehradun, Uttarakhand
2. IOCL N-Butanol Refinery, Gujarat
3. Heinz Ketchup Factory, Noida

Related Services

1. **Project Management Consultancy**
2. **Techno - Commercial Audit /Cost Overrun**
3. **3D/4D/5DBIM**
4. **Digital Twin**
5. **Contract Administration & Bill Verification**
6. **Quantity Survey**

**Banner**

URBAN INFRASTRUCTURE

Water Infrastructure

In today’s world water infrastructure ensures that communities around the world have access to a sustainable and clean supply of water as the world's water shortage worsens.

**page write up**

*Urban Infrastructure is the foundation of society*

Infrastructure is the foundation of society. The transport, energy and digital networks form the cornerstones of economic growth. And the health, education, sports, housing and recreational facilities invest in the fabric of society.

Infrastructure development is a global challenge. As businesses strive to develop infrastructure, support communities and create livelihood, the developing markets as well as developed countries are likely to triple the infrastructure investment necessitating the need for expert professional services like Numbertree.

“As a consulting engineering & audit services firm, we help public and private sector organizations involved in infrastructure to deliver the outcomes they are seeking, whether for society or for business, or both, as efficiently as effectively as possible. “

we believe we can add value across different sectors within infrastructure. Our value-added services have been developed & calibrated over 15 years, to cater to needs and goals of these various sectors we serve.

**Water Infrastructure**

Population growth, urbanization, and the desire for steady supply of water, with sanitary requirements, are all factors driving the need for building water infrastructure. To meet regulatory requirements, expand capacity, and address aging infrastructure, governments, municipalities, & private companies are all invested in this sector. Water infrastructure directly affects public health and safety.

Water infrastructure is also indispensable for sustainable development. Our dedicated team specializes in tailoring solutions for water projects - enhancing efficiency, managing costs, and mitigating overruns. Complex challenges require original but carefully considered solutions. We have worked on water pipelines supplying clean drinking water, pumping stations , distribution networks , dams, reservoirs , water treatment facilities - drainage or STP plant. Working on-site, we employ a systematic framework for future-oriented planning, ensuring effective controls and reporting. We offer quality professional services like – techno-commercial audit, project management, construction monitoring, as well as feasibility studies. Our experts and engineers make sure that projects follow strict guidelines, green standards, and sustainable methods.

For accurate planning and effective execution, we provide BIM and GIS services. We understand the impact this sector has on public health and our processes and controls , as well as risk-based audit ensure the durability, effectiveness, and security of water system. We are also witnessing the rise in sustainable building methods.

“Looking at the future we provide digital tools like 3D/4D/5D BIM. 3DBIM provides real time monitoring enhancing project management , increasing productivity, avoiding cost escalation, and enhancing safety in the building of water infrastructure systems.”

Related Projects

1. **OCDR, Odisha**
2. **OSGR, Sundergarh, Odisha**
3. **Sewerage Treatment Plant, Lucknow, Uttar Pradesh**

Related Services

1. **Project Management Consultancy**
2. **Techno - Commercial Audit /Cost Overrun**
3. **3D/4D/5DBIM**
4. **Digital Twin**
5. **Contract Administration & Bill Verification**
6. **Quantity Survey**

ENERGY

Oil & Gas

The Oil & Gas sector is operating on the peak and the need for resources is growing every day. We Help Oil & Gas companies tighten their processes in order to succeed in future.

Powering Progress in Infrastructure Development

With rising global energy demand and evolving environmental policies, oil and gas as well as power & utilities are faced with delivering reliable, affordable, and secure energy supplies, all while transitioning to cleaner energy in the long term.

Our strategic insight while working on various projects in the sector helps these companies address the challenges of today and turn their focus to a more sustainable future.” We guide our clients in making informed decisions to build business resilience that will ultimately drive a positive impact – on their business, people and the environment”.  We provide a range of services to energy clients, including project and programme management, project controls, digital project management, construction management and advisory services. It is through the breadth of our services and expertise that we add value to our clients.

**Oil & Gas**

We understand the challenges that are facing the oil and gas industry. Pressure to reduce carbon emissions, volatile commodity prices, changing demand patterns, financing and regulations are all having significant impact. This environment is difficult for organization to assess and make change.

Our professionals support businesses across the oil and gas industry, from global corporations, independent and national oil companies, as well as refining and oil field services. We can help them grow through our transaction advisory services , bring efficiency to operations through our consulting engineering and audit services , as well manage risk . We aim to future-proof businesses, helping to make them resilient and adapt to emerging challenges.

Other Sectors in energy we serve.

Mining, Thermal & Nuclear.

Related Projects

1. Jagdishpur Haldia Pipe Line - Phase 1,Gaya-Bihar
2. Dahej Nagothane Ethane O&G Panvel-Mumbai
3. Diesel Oil and Gas Project Bhubaneshwar, Orissa
4. Auraiya - Phulpur section Pipeline, Kanpur, Uttar Pradesh
5. Infra-1 LPG import terminal facility , Haldia, West Bengal
6. Mangla intra field pipeline, Barmer, Rajasthan
7. Koradi Coal Mines, Koradi ,

Latest Projects

Related Services

Techno-commercial audit

Contract Administration & Bill Verification

Claim Management & Delay Analysis

3D/4D/5D BIM

Project Management Consultancy

Transaction Advisory

ENERGY

Power & Transmission

Powering Progress in Infrastructure Development

With rising global energy demand and evolving environmental policies, oil and gas as well as power & utilities are faced with delivering reliable, affordable, and secure energy supplies, all while transitioning to cleaner energy in the long term.

Our strategic insight while working on various projects in the sector helps these companies address the challenges of today and turn their focus to a more sustainable future. We guide our clients in making informed decisions to build business resilience that will ultimately drive a positive impact – on their business, people and the environment.  “We provide a range of services to energy clients, including project and programme management, project controls, digital project management, construction management and advisory services. It is through the breadth of our services and expertise that we add value to our clients”.

**Power Transmission**

. The energy and power industry are operating on the peak and the need for power and resources is increasing day by day. The industry is undergoing a significant transformation to keep up with rising demands

The industries are now shifting to the alternatives of natural resources to stop the depletion of fossil fuels. An example is the automotive industry, a major user of fossil fuels such as petroleum, is now shifting towards power-based alternatives such as electricity-based vehicles. The innovation in the automotive industry is on the peak. Batteries are being used and installed in vehicles to minimize the use of fossil fuels. The vehicles have been transformed into electric vehicles such as battery electric vehicles, fuel cell electric vehicles, hybrid electric vehicles and plug-in hybrid vehicles.

Power and Transmission organizations are operating in an environment where the regulatory landscape is shifting due to climate change. Customers face increasing cost of living pressure while having higher expectations of their utility providers. There is eminent and permanent change is expected . to work, travel, energy consumption, a need for more responsive energy systems and newer and sustainable forms of energy.

Over the next decade, owners and operators would require cost and schedule assurance to meet sustainability targets and protect their interests in this sector. The entire sector of power, utilities , transmission needs to be handheld to understand costs, benefits, and practicalities of operations.We offer costing, project controls, and schedule management for all types of energy sectors. Through our work, our engineers & commercial experts in collaboration , help develop process control to drive efficiency.

Client’s and their unique needs are at the core of our services, everything we do, is to help businesses succeed in this ever changing and dynamic world of energies & renewables

Related Projects

1. Koradi Thermal Power Project, Nagpur, Maharashtra
2. NTPC Project- Kokrajhar Kokrajhar, Assam
3. Rural Electrification Project-Hoshangabad, Madhya Pradesh
4. Rural Electrification Project , Bhagalpur, Bihar
5. Koradi Thermal Power, Nagpur, Maharashtra
6. HCC-Teesta Project, Sikkim
7. 765 KV DC line from Sikar to Bhalogi, Rajasthan
8. Sub Station Project, Darbhanga-Bihar
9. Transmission Line & Distribution WO-292BH , Araria-Bihar
10. Transmission Line & Distribution Tala project, Jalpaiguri-West Bengal

Related Services

Techno-commercial audit

Contract Administration & Bill Verification

Claim Management & Delay Analysis

Quantity Survey

3D/4D/5D BIM

Project Management Consultancy

**Banner**

Renewable Energy

The future is renewables, the world is slowly shifting to environment friendly energy sources and we are here to support that transition.

At NumberTree, we are passionately committed to making a contribution towards sustainable and environment friendly energy sector, through our professional skills and expertise.

The world needs a clear path towards environment friendly energy transition. The decarbonization of electricity systems and expansion of renewable energy across the world is a critical step toward this goal. This energy transition is underway and irreversible and, as a result, many of our clients are seeking to harness the opportunities it creates while grappling with the new and hitherto unknown challenges.

We help our clients succeed. Our innovative and integrated portfolio of services covering financial, strategic and risk management and support help organization achieve effective results for organizations.

**Trends**

“*One of the top trends in the renewable energy sector is increasing emphasis on green energy. One of the key developments is increasing utilization of solar energy.”* Power generation is now made accessible and easy with the introduction of solar energy. Solar energy is now installed in homes and other premises. The solar panels get charge from sunlight and provide power to the places. The demand for solar panels is now increasing as people are shifting towards solar energy. The governments of countries are promoting solar energy for a sustainable future. The involvement of the private sector is also helping the global energy and power industry to develop. Governments are partnering with private companies to boost the growth and fulfill the energy and power needs of the countries.

**Renewable energy sectors we serve**

**Solar Energy**

**Wind Energy**

**Hydropower**

**Biofuels**

**Geothermal Energy**

Related Projects

1. Padampur Biomass Project , Padampur-Rajasthan
2. Uniara Biomass Project , Uniara-Rajastan
3. Mangdechhu Hydroelectric Project, Mandecchu to Jigmeling, Bhutan

Related Services

Techno-commercial audit

Contract Administration & Bill Verification

Claim Management & Delay Analysis

3D/4D/5D BIM

Project Management Consultancy

Transaction Advisory

Transportation

1. Roads & Highways
2. Railways & Metro
3. Bridges & Structures
4. Airports & Aviation
5. Ports

Urban Infrastructure

1. Residential
2. Commercial
3. Institutional
4. Industrial
5. Water Infrastructure

Energy

1. Oil & Gas
2. Power & Utilities
3. Thermal & Nuclear
4. Renewable Energy

**Next Section**

**SERVICES**

**Banner**

**,**

**PROJECTS**

**Metro & Railways**

Banner

Mumbai Metro Project

Thane-Bhiwandi- Kalyan

**Project Details**

|  |  |
| --- | --- |
| Project Name | Line 5 of Mumbai Metro Project, Thane -Bhiwandi – Kalyan |
| Location | Mumbai |
| Value |  |
| Client |  |
| Date of completion | March 2024 |
| Sector | Railways & Metro |
| Service provided | Techno - Commercial audit, Quality & Safety Audit |
| Tags | Railways & Metros , Techno- Commercial audit, Featured Projects , Latest Projects, Mumbai , Maharashtra |

Write Up

The growing urbanization of Indian cities, has necessitated the need for cost effective mass transit options. Metro rail system has emerged as the most viable and cost-effective option for urban rapid mass transit in India as well as many cities across the world.

Numbertree worked on **Mumbai Metro - Thane – Bhiwandi - Kalyan route** . As a consulting engineering and audit services firm we provided technical audit of the project. We also undertook quality and safety audit of the project. Deployed at the site , our engineers and commercial team , worked collaboratively to audit quality controls and safety controls for the clients’ on site team. It entailed a detailed study of their existing quality & safety processes, oversee the application of those controls onsite, highlight lacunae as well as suggest additional safeguarding measures to further fortify this part of their process.

This enabled the client to have better control on the project as well mitigated risks by flagging out the risk area. Overall improving the project outcome .

Our expertise in the sector enables our clients to not just overcome the challenges of the project but will also help them realize their objectives with greater success.

**Banner**

Mumbai Metro Project

Dahisar East to Mira Bhayandar

|  |  |
| --- | --- |
| Project Name | Line 9 of Mumbai Metro Project from Dahisar East to Mira Bhayandar |
| Location | Mumbai |
| Value |  |
| Client |  |
| Date of completion | March 2024 |
| Sector | Railways & Metro |
| Service provided | Techno - Commercial audit, Quality & Safety Audit |
| Tags | Railways & Metros , Techno -commercial audit, Quality Assurance , Featured Projects , Latest Projects, Mumbai , Maharashtra |

Write up

The growing urbanization of Indian cities, has necessitated the need for cost effective mass transit options. Metro rail system has emerged as the most viable and cost-effective option for urban rapid mass transit in India as well as many cities across the world.

Numbertree worked on **Mumbai Metro - Dahisar East to Mira Bhayandar**. As a consulting engineering and audit services firm we provided technical audit of the project. We also undertook quality and safety audit of the project. Deployed at the site , our engineers and commercial team , worked collaboratively to audit quality controls and safety controls for the clients on site team. It entailed a detailed study of their existing quality & safety processes, oversee the application of those controls onsite, highlight lacunae as well as suggest additional safeguarding measures to further fortify this part of their process.

This enabled the client to have better control on the project as well mitigated risks by flagging out the risk area. Overall improving the project outcome .

Our expertise in the sector enables our clients to not just overcome the challenges of the project but will also help them realize their objectives with greater success.

**Banner**

Pune Metro Project – Elevated & underground (Corridor 1 & 2)

|  |  |
| --- | --- |
| Project Name | Elevated & Underground Pune Metro Project (Corridor 1 & 2) |
| Location | Pune |
| Value |  |
| Client |  |
| Date of completion | March 2024 |
| Sector | Railways & Metro |
| Service provided | Techno - Commercial audit, Quality & Safety Audit |
| Tags | Railways & Metros , Techno -commercial audit, Quality Assurance Audit, Featured Projects , Latest Projects, Pune , Maharashtra |

**Main Page**

The growing urbanization of Indian cities, has necessitated the need for cost effective mass transit options. Metro rail system has emerged as the most viable and cost-effective option for urban rapid mass transit in India as well as many cities across the world.

India’s upcoming cities like [**Pune**](https://timesproperty.com/property-in-pune-mcid-12) has witnessed a significant rise in its population as well.However, the city lacked an efficient transportation infrastructure. The inception of the[**Pune Metro**](https://timesproperty.com/news/post/guide-to-pune-metro-route-blid3895) project thus became imperative.

The primary goal of the Pune Metro is to alleviate issues such as traffic congestion, long travel times, and high travel expenses. Post completion of first phase, the Pune metro has had several extensions. The corridor 1 and corridor 2 is one of the most crucial one.

The Purple line (PCMC to Civil Court) and the Aqualine (Vanaz to Ruby Hall Clinic) is all set to ease commute further.

The purple line connects PCMC to Swargate.This new route spans a total length of approximately 16.589 KMs and features a combination of elevated and underground sections for commuter convenience. The transportation route boasts a total of 14 stations for commuters to access. The new elevated Aqua Line connects Vanaz to Ramadi. This Aqua Line extends over a total distance of approximately 14.665 KMs.The Aqua Line consists of a total of 16 stations strategically placed to cater to the needs of commuters.

Numbertree worked on both these elevated & underground sections of Pune Metro (corridor 1 & 2).As a consulting engineering and audit services firm we provided technical audit of the project. We also undertook quality and safety audit of the project.

Our team worked on two sites of Pune Metro – corridor 1 which started frpm PCMC uptill Swargate & Corridor 2 which started from Vanaz to Ramavadi.

Deployed at the site , our engineers and commercial team , worked collaboratively to audit quality controls and safety controls for the clients on site team. It entailed a detailed study of their existing quality & safety processes, oversee the application of those controls onsite, highlight lacunae as well as suggest additional safeguarding measures to further fortify this part of their process. This enabled the client to have better control on the project as well mitigated risks by flagging out the risk area. Overall improving the project outcome .

Our expertise in the sector enables our clients to not just overcome the challenges of the project but is also helpful for them to realize their objectives with greater success.

Banner

**Delhi Metro Station**

Construction of 8 elevated stations

|  |  |
| --- | --- |
| Project Name | Construction of 8 elevated Metro stations in Delhi Metro |
| Location | New Delhi |
| Value | 546Cr (INR) |
| Client |  |
| Date of completion | Feb 2019 |
| Sector | Railways & Metro |
| Service provided | Techno - Commercial audit, Quality & Safety Audit |
| Tags | Railways & Metros , Techno -commercial audit, cost over- run ,Featured Projects , Latest Projects, New Delhi |

Main Page

The growing urbanization of Indian cities, has necessitated the need for cost effective mass transit options. Metro rail system has emerged as the most viable and cost-effective option for urban rapid mass transit in India as well as many cities across the world.

Numbertree worked on the project on behalf of the main contractor in the construction of 8 elevated Metro stations in Delhi Metro **.** The scope of the project as detailed by the contractor was construction of eight elevated stations and a 9,035 meter long elevated metro track for the Delhi Metro. The project included the design and construction of the elevated viaduct, including the entry exit line, ramp to depot, and eight elevated stations. The stations were , Mayur Vihar-I, Mayur Vihar Pkt-I, Trilokpuri, Vinod Nagar East, Vinod Nagar IP Extension, Anand Vihar, and Karkarduma. The project also included architectural finishing, water supply, sanitary installation, and drainage works for the contractor .

As a consulting engineering and audit services firm we provided cost over run investigative audit .Our expertise in the sector enables our clients to not just overcome the challenges of the project but will also help them realize their objectives with greater success.

**Banner**

Eastern Dedicated Freight Corridor Lot 301

Ambala , Punjab

|  |  |
| --- | --- |
| Project Name | Dedicated Freight Corridor Lot 301 Sahnewal-Pilakhwa |
| Location | Ambala,Punjab |
| Value | 1769Cr(INR) |
| Client |  |
| Date of completion | Feb 2022 |
| Sector | Railways & Metro |
| Service provided | Cost over-run investigation audit , Bill verification , Contract Administration |
| Tags | Railways & Metros , Techno -Commercial audit , Contract administration & Bill verification , Featured Projects , cost overrun, Latest Projects , Ambala , Punjab |

Main Page

India is undergoing a rail infrastructure revolution. The dedicated Freight corridors (western & eastern) have been conceptualized to support the vision of this revolution. This rail infrastructure rehaul, is already witnessing many positive outcomes like  
- 3X increase in speed of freight trains enabling faster movement of goods  
- decongest the existing train network by 70%  
- create capabilities for double container freight trains

The EDFC and the Western Dedicated Freight Corridor (WDFC) are high-capacity, high-speed railway corridors that are exclusively used for transporting freight. The EDFC runs from Punjab to West Bengal, while the WDFC runs from Dadri, Uttar Pradesh to JNPT (Navi Mumbai). The EDFC and WDFC are designed decongest the railway network by moving 70% of India's goods trains to these two corridors

**The Eastern -DFC spans 1337KM from Sahenwal near Ludhiana in Punjab, crossing through Haryana, Uttar Pradesh, and terminating at Sonnagar in Bihar.**

**The Western-DFC, connecting Dadri in Uttar Pradesh to Jawaharlal Nehru Port in Mumbai, passes through five states Uttar Pradesh, Haryana, Rajasthan, Gujarat and Maharashtra**

The Eastern Dedicated Freight Corridor (EDFC) is all set to transform the landscape of freight transportation in the country. A successful trial on the New Pilkhani-New Shambhu section of the corridor has already taken place. As on March 2024, 88% of the Eastern Dedicated Freight Corridor (EDFC) has been completed, and 95% is ready. The EDFC is 1,337 KM long, stretching from Ludhiana to Sonnagar. A successful trial run on the New Pilkhani-New Shambhu section of the Eastern dedicated freight corridor (Eastern-DFC) has already taken place, marking a significant milestone in its development

The corridors have been planned with significant improvement in the existing carrying capacity by modifying basic design features. The permanent way is constructed with significantly higher design features that will enable it to withstand heavier loads at higher speeds.Simultaneously, in order to optimize productive use of the right of way, dimensions of the rolling stock has been enlarged.

Numbertree was engaged as [techno-commercial auditors](https://www.linkedin.com/feed/hashtag/?keywords=technocommercialauditors&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7100672098129354752),cost overrun investigation audit & [bill verification](https://www.linkedin.com/feed/hashtag/?keywords=billverification&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7100672098129354752) and contract administration for 2 packages of Eastern Dedicated Freight Corridor.  
Our services cater to entire landscape of Infrastructure and to every stage of infrastructure development.

**India’s Rail Infrastructure**

The DFC project is strategically aligned with the National Rail Plan, which sets a bold objective - to increase the railway's modal share in India from the existing 28 per cent to an impressive 44 per cent by the year 2051.

Crucially, the DFC is not just a railway project; it's a linchpin of the National Logistics Policy, aiming to reduce logistics costs from the current 15 per cent of GDP to a more sustainable 8 per cent by 2030.Furthermore, the DFC's capacity expansion is instrumental in realising Indian Railways' ambitious objective of achieving a freight loading capacity of 3,000 MT by 2030

**Green Impact**  
  
DFCCIL will decongest already saturated road network & promote shifting of freight transport to more efficient rail transport. This shift is expected to offer significant reduction of Green House Gas (GHG) emissions in transport sector in India. It is expected that DFC will save more than 450 million ton of CO2 in first 30 years of operation

**Banner**

Eastern Dedicated Freight Corridor Lot 301

Agra, Uttar Pradesh

|  |  |
| --- | --- |
| Location | Agra , Uttar Pradesh |
| Value | 511Cr (INR) |
| Client |  |
| Date of completion | Oct 2020 |
| Sector | Railways & Metro |
| Service provided | Contract administration, Bill verification |
| Tags | Railways & Metros , Techno -commercial audit, contract administration & Bill verification Featured Projects , Agra , Uttar Pradesh |

Main Page

Main Page

India is undergoing a rail infrastructure revolution. The dedicated Freight corridors (western & eastern) have been conceptualized to support the vision of this revolution. This rail infrastructure rehaul , would have many positive outcomes like  
- 3X increase in speed of freight trains enabling faster movement of goods  
- decongest the existing train network by 70%  
- create capabilities for double container freight trains

The EDFC and the Western Dedicated Freight Corridor (WDFC) are high-capacity, high-speed railway corridors that are exclusively used for transporting freight.The EDFC runs from Punjab to West Bengal, while the WDFC runs from Dadri, Uttar Pradesh to JNPT (Navi Mumbai). The EDFC and WDFC are designed decongest the railway network by moving 70% of India's goods trains to these two corridors

**The Eastern -DFC spans 1337KM from Sahenwal near Ludhiana in Punjab, crossing through Haryana, Uttar Pradesh, and terminating at Sonnagar in Bihar.**

**The Western-DFC, connecting Dadri in Uttar Pradesh to Jawaharlal Nehru Port in Mumbai, passes through five states Uttar Pradesh, Haryana, Rajasthan, Gujarat and Maharashtra**

Significant improvement has been made in the existing carrying capacity by modifying basic design features. The permanent way is constructed with significantly higher design features that will enable it to withstand heavier loads at higher speeds. Simultaneously, in order to optimize productive use of the right of way, dimensions of the rolling stock has been enlarged

The Eastern Dedicated Freight Corridor (EDFC) is all set to transform the landscape of freight transportation in the country. A successful trial on the New Pilkhani-New Shambhu section of the corridor has taken place, informed Ministry of Railways, on Tuesday. As on March 2024, 88% of the Eastern Dedicated Freight Corridor (EDFC) has been completed, and 95% is ready. The EDFC is 1,337 KM long, stretching from Ludhiana to Sonnagar. As of August 2023, 86% of the EDFC has been completed, and 99% of the required land has been acquired. The Ministry of Railways announced a successful trial on the New Pilkhani-New Shambhu section of the Eastern dedicated freight corridor (Eastern-DFC), marking a significant milestone in its development

Numbertree was engaged as [techno-commercial auditors](https://www.linkedin.com/feed/hashtag/?keywords=technocommercialauditors&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7100672098129354752), , cost overrun investigation audit & [bill verification](https://www.linkedin.com/feed/hashtag/?keywords=billverification&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7100672098129354752) and contract administration for 2 packages of Eastern Dedicated Freight Corridor. Our services cater to entire landscape of Infrastructure and to every stage of infrastructure development.

**India’s Rail Infrastructure**

The DFC project is strategically aligned with the National Rail Plan, which sets a bold objective: to increase the railway's modal share in India from the existing 28 per cent to an impressive 44 per cent by the year 2051.

Crucially, the DFC is not just a railway project; it's a linchpin of the National Logistics Policy, aiming to reduce logistics costs from the current 15 per cent of GDP to a more sustainable 8 per cent by 2030.Furthermore, the DFC's capacity expansion is instrumental in realising Indian Railways' ambitious objective of achieving a freight loading capacity of 3,000 MT by 2030

**Green Impact**  
  
DFCCIL will decongest already saturated road network & promote shifting of freight transport to more efficient rail transport. This shift is expected to offer significant reduction of Green House Gas (GHG) emissions in transport sector in India. It is expected that DFC will save more than 450 million ton of CO2 in first 30 years of operation

**Banner**

Express Freight Railway Consortium Project

CTP 11 package

|  |  |
| --- | --- |
| Location | Agra |
| Value | 2949 Cr (INR) |
| Client |  |
| Date of completion | March 2022 |
| Sector | Railways & Metro |
| Service provided | Cost Overrun Investigation audit |
| Tags | Railways & Metros , Techno -commercial audit, cost over-run , Latest Projects |

Main Page

India is undergoing a rail infrastructure revolution. The dedicated Freight corridors (western & eastern) have been conceptualized to support the vision of this revolution. This rail infrastructure rehaul , would have many positive outcomes like  
- 3X increase in speed of freight trains enabling faster movement of goods  
- decongest the existing train network by 70%  
- create capabilities for double container freight trains

The EDFC and the Western Dedicated Freight Corridor (WDFC) are high-capacity, high-speed railway corridors that are exclusively used for transporting freight.The EDFC runs from Punjab to West Bengal, while the WDFC runs from Dadri, Uttar Pradesh to JNPT (Navi Mumbai). The EDFC and WDFC are designed decongest the railway network by moving 70% of India's goods trains to these two corridors

**The Eastern -DFC spans 1337KM from Sahenwal near Ludhiana in Punjab, crossing through Haryana, Uttar Pradesh, and terminating at Sonnagar in Bihar.**

**The Western-DFC, connecting Dadri in Uttar Pradesh to Jawaharlal Nehru Port in Mumbai, passes through five states Uttar Pradesh, Haryana, Rajasthan, Gujarat and Maharashtra**

The Eastern Dedicated Freight Corridor (EDFC) is all set to transform the landscape of freight transportation in the country. A successful trial on the New Pilkhani-New Shambhu section of the corridor has taken place, informed Ministry of Railways, on Tuesday. As on March 2024, 88% of the Eastern Dedicated Freight Corridor (EDFC) has been completed, and 95% is ready. The EDFC is 1,337 KM long, stretching from Ludhiana to Sonnagar. As of August 2023, 86% of the EDFC has been completed, and 99% of the required land has been acquired. The Ministry of Railways announced a successful trial on the New Pilkhani-New Shambhu section of the Eastern dedicated freight corridor (Eastern-DFC), marking a significant milestone in its development

Significant improvement has been made in the existing carrying capacity by modifying basic design features. The permanent way is constructed with significantly higher design features that will enable it to withstand heavier loads at higher speeds. Simultaneously, in order to optimize productive use of the right of way, dimensions of the rolling stock has been enlarged

Numbertree was engaged as [techno-commercial auditors](https://www.linkedin.com/feed/hashtag/?keywords=technocommercialauditors&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7100672098129354752) for the project. Our mandate included cost overrun investigation audit & [bill verification](https://www.linkedin.com/feed/hashtag/?keywords=billverification&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7100672098129354752) and contract administration services for 2 packages of Eastern Dedicated Freight Corridor. At Numbertree, our services cater to entire landscape of Infrastructure and to every stage of infrastructure development.

**India’s Rail Infrastructure**

The DFC project is strategically aligned with the National Rail Plan, which sets a bold objective: to increase the railway's modal share in India from the existing 28 per cent to an impressive 44 per cent by the year 2051.

Crucially, the DFC is not just a railway project; it's a linchpin of the National Logistics Policy, aiming to reduce logistics costs from the current 15 per cent of GDP to a more sustainable 8 per cent by 2030.Furthermore, the DFC's capacity expansion is instrumental in realising Indian Railways' ambitious objective of achieving a freight loading capacity of 3,000 MT by 2030

**Green Impact**  
  
DFCCIL will decongest already saturated road network & promote shifting of freight transport to more efficient rail transport. This shift is expected to offer significant reduction of Green House Gas (GHG) emissions in transport sector in India. It is expected that DFC will save more than 450 million ton of CO2 in first 30 years of operation

**Banner**

Multimodal Transport System

Hyderabad,Telangana

|  |  |
| --- | --- |
| Location | Hyderabad, Telangana |
| Value | 389 Cr (INR) |
| Client |  |
| Date of completion | March 2023 |
| Sector | Railways & Metro |
| Service provided | Techno – Commercial Internal audit |
| Tags | Railways & Metros , Techno -commercial internal audit , Latest Projects , Hyderabad, Telangana |

The Hyderabad Multi-Modal Transport System, often referred to as MMTS, is an extensive commuter rail network located in [**Hyderabad**](https://timesproperty.com/property-in-hyderabad-hyderabad-lid-860)**,** India. This system, spanning a length of 90 kilometres (56 miles), was established through a collaborative effort between the Government of [**Telangana**](https://timesproperty.com/property-in-telangana-stid-23) and the South Central Railway, with operational responsibilities lying under the latter.

The primary objective of the MMTS is to provide an integrated transportation solution for the city of Hyderabad and its surrounding suburban regions. The network links key locations including Hyderabad, [**Secunderabad**](https://timesproperty.com/2-bhk-property-in-secunderabad-hyderabad-lsid-1297-3)**,** Falaknuma**,**[**Lingampally**](https://timesproperty.com/property-in-lingampalli-nallagandla-hyderabad-slid-1332)**,** Medchal, and Umdanagar, offering a total of 133 MMTS services. These services contribute to efficient and convenient connectivity, benefiting both the city residents and those residing in the adjoining suburban areas.

Numbertree worked as techno-commercial auditor for three packages of the project.

**PROJECTS**

**Airport & Aviation**

Banner

Red Sea International Airport

Red Sea, Saudi Arabia

Project Details :

|  |  |
| --- | --- |
| Project Name | Red Sea International airport, 3D BIM of for MEP of the project |
| Value | (INR) |
| Client |  |
| Date of completion | Dec 2023 |
| Sector | Airport & Aviation |
| Service provided | 3DBIM |
| Tags | Airport & Aviation , 3DBIM,Digital construction monitoring , MEP, 3DBIM, 3DBIM, BIMfirst Latest Projects , Saudi Arabia, Red Sea |

**Write Up**

The Red Sea International Airport received its first flight last year .The airport serves as a gateway to the Red Sea Resort - a dedicated luxury regenerative tourism spot being developed in Saudi Arabia.  
  
As part of [vision2030](https://www.linkedin.com/feed/hashtag/?keywords=vision2030&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7120730618631495680) initiative, Saudi Arabia is developing several exciting tourist destinations. The development of tourism industry is being done as part of a strategic roadmap, to develop the country’s non-oil economy   
  
The Red Sea international airport , located 15km inland from the Red Sea coast, is projected to reach a capacity of handling 1 million passengers annually by 2030.  
  
The 3D Building information Modelling , 3DBIM for the [MEP](https://www.linkedin.com/feed/hashtag/?keywords=mep&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7120730618631495680) of the Red Sea international airport was undertaken by Numbertree.  
  
We offer the entire gamut of BIM services. With our [3DBIM](https://www.linkedin.com/feed/hashtag/?keywords=3dbim&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7120730618631495680), [4DBIM](https://www.linkedin.com/feed/hashtag/?keywords=4dbim&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7120730618631495680), [5DBIM](https://www.linkedin.com/feed/hashtag/?keywords=5dbim&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7120730618631495680) services, we bring a new era of collaboration, efficiency and cost-effectiveness to infrastructure projects.

Banner

Kushak Bakula Rimpochee Airport

Leh , Jammu & Kashmir

|  |  |
| --- | --- |
| Project Name | Construction of terminal buildng & associated work at LEH airport |
| Location | Leh, J&K |
| Value | 323.19 Cr (INR) |
| Client |  |
| Date of completion | August 2021 |
| Sector | Airport & Aviation |
| Service provided | Techno-Commercial Internal audit |
| Tags | Airport & Aviation , Techno – Commercial audit, featured Projects , |

**Write Up**

The Kushok Bakula Rimpochee airport at [Leh](https://www.linkedin.com/feed/hashtag/?keywords=leh&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7115923068371279872), situated at 3,256 m (10,682 ft) above mean sea level, is one of the highest altitude airport in India.  
  
The completion work for the new terminal building at the airport is underway in full swing. It is distinguished as India’s first [carbon neutral](https://www.linkedin.com/feed/hashtag/?keywords=carbonneutral&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7115923068371279872) airport. Designed to reflect the ancient Buddhist philosophy, the terminal design also preserves the natural set up of the landscape. The estimated cost of the project is 480cr and is expected to boost further development in the state.  
  
Large & complex projects like this, requires specialized approach to keep the project under control from financial standpoint. Our expert team, helps to effectively meet [project goals](https://www.linkedin.com/feed/hashtag/?keywords=projectgoals&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7115923068371279872) while reducing risks and costs.

Numbertree served as cost control [techno-commercial](https://www.linkedin.com/feed/hashtag/?keywords=technocommercial&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7115923068371279872) auditor for the construction of terminal building and associated work at this airport

Banner

Manohar International Airport

Goa

Project details

|  |  |
| --- | --- |
| Project name | MOPA or new Goa Airport |
| Location | Goa |
| Value | 1537 Cr (INR) |
| Client |  |
| Date of completion | December 2023 |
| Sector | Airport & Aviation |
| Service provided | Quantity Survey , Techno Commercial Audit, Bill verification Contractor Claim Preparation |
| Tags | Airport & Aviation , Techno – commercial audit, quantity survey , latest projects |

Manohar International Airport, also known as Mopa International Airport or New Goa International Airport, is located in Mopa, Pernem Taluka, about 30km from the city of Panjim.

Covering an expansive area of 2133 acres, Manohar International Airport is a significant infrastructure development in the region. The first phase of the airport's construction was completed at an estimated cost of Rs. 2,870 crores. Additionally, the Goa government has invested around Rs 240 crore in expenses related to land acquisition, road projects, consultant fees, and other associated costs.

The airport has an Integrated Passenger Terminal Building, Air Traffic Control (ATC) building, meteorological facilities, a cargo terminal, taxiways, rapid exit routes ,ancillary facilities for processing and storage, aircraft rescue and firefighting services and infrastructure for aviation fuel. This phase involved the construction of a single three-and-a-half KM runway, along with various facilities such as an integrated passenger terminal building, flight catering, parking facilities, and emergency services.

Situated at an elevation of 552 feet (168 metres) above mean sea level, the airport is strategically positioned to serve the region efficiently. With its modern infrastructure and facilities, Mopa International Airport aims to provide a seamless travel experience to passengers.

The development of Mopa International Airport has significantly enhanced the connectivity and transportation infrastructure of Goa. It serves as a crucial gateway for visitors from across the globe, catering to both tourism and business travel. With its state-of-the-art facilities, it is expected to contribute to the economic growth and development of the state, attracting more tourists and businesses to the region.

Previously, flights to and from Goa operated from Dabolim Airport had limited capacity and scope for expansion. The New airport can accommodate 168 flights in a day. Furthermore, unlike Dabolim Airport, Mopa Airport will also feature a cargo transportation facility.

Numbertree provided major services to the airport which included quantity survey , techno commercial audit, bill verification & Contractor Claim Preparation.

Banner

Loka Priya Gopinath Bordoloi International Airport

New integrated terminal building

Guwahati, Assam

|  |  |
| --- | --- |
| Project Name | Construction of new integrated terminal building at Guwahati Airport |
| Location | Guwahati , Assam |
| Value | 859.8Cr (INR) |
| Client |  |
| Date of completion | August 2023 |
| Sector | Airport & Aviation |
| Service provided | Techno Commercial Audit |
| Tags | Airport & Aviation , Techno – commercial audit , Guwahati , Assam, Latest projects |

The Airports Authority of India (AAI) commissioned a new integrated terminal building at Lok Priya Gopinath Bordoloi International Airport in Guwahati, Assam, to meet future demand and traffic.

The new terminal is expected to be commissioned in July 2024, and will cost around ₹1,232 crore (US$150 million). The terminal is located on the northern side of the airport, and is expected to double the airport's capacity.

The addition of the new terminal is expected to significantly enhance the airport's functionality and aesthetics, reflecting the rich cultural tapestry of Assam through its association with the Foxtail Orchid. This strategic move is anticipated to further connect Guwahati with more domestic and international destinations, fostering greater connectivity and economic growth in the region.

The new terminal includes an Environmental Management Cell (EMC) to oversee the implementation of mitigation measures during construction and operation.

Numbertree served as techno-commercial auditors for the project as mandated by the developers .

**PROJECTS**

**Road & Highways**

**Banner**

**Kartavya Path ,**

**Central Vista Redevelopment**

**India gate , New Delhi**

|  |  |
| --- | --- |
| Project Name |  |
| Location | Redevelopment Kartavya Path as part of of central Vista Redevelopment project |
| Value |  |
| Client |  |
| Date of completion |  |
| Sector | Roads & Highways |
| Service provided | Techno Commercial Audit |
| Tags | Road & Highways , techno – commercial audit , central vista , Latest projects , featured project , new delhi |

**Main Page**

The Kartavya Path, a 3km long tree lined path, which extends from the Rashtrapati Bhawan to the India Gate, is one of the most visited tourist places in Delhi, India. Indian Republic Day parade and many other ceremonial functions takes place at this path.

**Early Design**

It was designed using exemplary urban planning instruments, including: a strong axis (from the ridge of Raisina Hill towards the Jamuna river), an emphasised focal point, formation of important nodes, and a definitive termination point.The Viceroy’s House became the Rashtrapati Bhavan and the All India War Memorial became the India Gate. These buildings in the Central Vista stand apart as iconic monuments of the Republic of India.

**Current use and Limitations**

The original stretch of the Kartavya Path has undergone multiple changes over the course of time. Despite the evolution, the Path remains to be an important public space for the citizens of our nation. Several modifications were made to the Kartavya Path, post-independence.

Despite multitude of efforts to preserve the space, essential facilities of Kartavya Path had degraded over the years, since the original landscape was not designed for heavy use. The public spaces and facilities for civic users, including pathways and street furniture had become increasingly stressed and uncomfortable to use. Further, the Republic Day arrangements needed to be better planned in a less disruptive manner for ensuring minimal restrictions on public movement and less damage to the landscape on an annual basis. Some of the issues that needed attention in the Kartavya Path were heavy traffic , heavy public use , need for better arrangements , not pedestrian friendly and inadequate facility for vendors .

**Redevelopment**

As a part of the Central Vista Master Plan, the Kartavya Path has been revamped, its infrastructure upgraded to suit the growing need of improved recreational spaces for the city. New social amenities have been provided, while retaining its essential character, revamped and refurbished to upgrade it to expected quality.

Numbertree served as Internal auditor for the kartavya path redevelopment project.

**PROJECTS**

**Institutional**

**Banner**

IIM Kashipur

Uttarakhand

|  |  |
| --- | --- |
| Project Name | IIM Kashipur Construction Project |
| Location | Kashipur, Uttarakhand |
| Value | 360 Cr |
| Client |  |
| Date of completion | April 2017 |
| Sector | Roads & Highways |
| Service provided | Techno Commercial Audit , operational excellence review of planning & billing |
| Tags | Urban Infrastructure, Institutional techno – commercial audit , operational review, planning and billing , featured project , Uttarakhand |

Main Page

Indian Institute of Management IIM Kashipur Campus - built by Shapoorji Pallonji E&C between 2016 and 2018 in phases.  
The IIM Kashipur campus in Uttarakhand is set up over an area of ~200 acres that accommodates a built-up area of ~1.2 million sqft. The campus consists of academic area, students’ hostels, residential area for faculty and staff and other support facilities. IIM Kashipur campus is a self-contained, sustainable township based on the concepts of sustainable development and living. Bricks have been extensively used in the construction of this institute campus.

The contractor was tasked with construction of an integrated institutional campus with student hostels, faculty housing, canteen and other ancillary infrastructure.

Numbertree in the capacity of consulting engineering & audit services firm provided **Techno Commercial Audit for the project and also provided operational excellence review of planning & billing for the entire duration of the project**

**Banner**

**IIM Tiruchirappalli**

**Tamil Nadu**

|  |  |
| --- | --- |
| Project Name | IIM Trichy Construction Project |
| Location | Tricurapalli, Tamil Nadu |
| Value | 326.4 Cr |
| Client |  |
| Date of completion | April 2018 |
| Sector | Institutional |
| Service provided | Techno Commercial Audit , |
| Tags | Institutional , techno – commercial audit , featured project , Trichy, Quantity Survey |

**Main Page**

The Indian Institute of Management Tiruchirappalli (IIM Trichy) has constructed around 75,000 square meters of built-up area under phase I of its 172-acre permanent campus. The first phase of the complex includes an academic building with classrooms, conference halls, offices for faculty and non-teaching staff, and a boardroom. IIM Trichy is the eleventh IIM.It operates from its campus spread over 175 acres of land, about 11 km from Tiruchirappalli International Airport. The complex includes an academic building comprising of classrooms, conference halls, offices for faculties, non-teaching staff, a boardroom and a library. It will also have an IT centre and a management development programme campus meant for short and long term programmes for working executives.

Our client was shortlisted for Construction Of Permanent Campus for IIM Tiruchirappalli including hostels, Residential And Other Ancilliary Buildings With Necessary Internal Civil And Electrical Services, Civil Development Works Like Roads, Storm Water Drains, STP, Water Treatment Plant, Utility Crossings And Electrical Works Like Fire Fighting Works With Fire Alarm, Wet Riser And Fire , Sprinkler Systems, Dg Sets, Sub Stations, Lifts Etc

Numbertree served as techno-commercial auditors for the project as well as provided quantity survey audit with respect to missed out quantity from clients billing

**Banner**

**Goa Shipyard**

Marmugao, Goa

|  |  |
| --- | --- |
| Project Name | Construction of ship building workshop at Goa Shipyard |
| Location | Marmugao, Goa |
| Value | 454 Cr |
| Client |  |
| Date of completion | Dec 2018 |
| Sector | Port & Maritime |
| Service provided | Techno Commercial Audit |
| Tags | Institutional , techno – commercial audit , featured project , goa |

**Main Page**

In keeping pace with today’s dynamic times, Goa Shipyard Ltd. launched upon a massive modernization programme aimed at creating new facilities and infrastructure even as existing facilities are augmented, to undertake the anticipated work load of ship construction in the years to come. The modernisation plan is a result of the vision to have a contemporary Shipyard. The Modernisation Project will give GSL the ability to build vessels to customer’s requirements in shorter time frames than at present. Once fully complete, it will result in substantial augmentation of the Shipyard’s capacity to fabricate steel, aluminium and GRP hull vessels to nearly three times its present capacity, whilst also leading to a quantum increase in the ship repair segment.

Our client was entrusted with the construction of ship building workshops and associated facilities of Goa Ship Yard.

Numbertree served as techno-commercial auditor for the project

**Banner**

**SAIL - New Plate Mill**

**Rourkela, Orissa**

|  |  |
| --- | --- |
| Project Name | Steel authority of India (SAIL) |
| Location | Rourkela, SAIL |
| Value | 183.6Cr |
| Client |  |
| Date of completion | Nov 2018 |
| Sector | Industrial |
| Service provided | Techno Commercial Audit |
| Tags | Institutional , techno – commercial audit , featured project , Orissa, bill verification |

**Main Page**

SAIL installed a 3 million tonnes per annum (MTPA) hot strip mill at the Rourkela Steel Plant in 2018. The new mill, which is 4.3 meters wide, has a capacity of 0.9 MTPA. It's one of the widest in the country and is designed to meet the customized plate market. The mill can produce a wide range of plates with close tolerances to meet international standards, as well as heavy and wide plates for the rising ship building and boiler sectors.

The new 4.3 metre wide Plate Mill has been installed having initial capacity of 1.0 MT which can be augmented to a capacity of 1.8 MT (1.674 MT saleable). The Plate Mill equipped with state-of-art technology produces wide range of plates with close tolerances to meet stringent international standards. For operation with a lean manpower and to avoid loss of material identity throughout the production process, the Plate Mill is equipped with online ultrasonic testing facility and advanced control systems and material tracking facilities.

Numbertree served as techno commercial audit and drawing Based Quantity Verification for the project

**PROJECTS**

**Industrial**

**Banner**

Maruti Suzuki Plant India Limited,

Sonipat, Haryana

|  |  |
| --- | --- |
| Project Name | Maruti Suzuki plant |
| Location | Sonipat, Haryana |
| Value | 686.6Cr |
| Client |  |
| Date of completion | June 2023 |
| Sector | Industrial |
| Service provided | Techno Commercial Audit |
| Tags | Industrial, techno – commercial audit , featured project , Haryana, latest projects |

The construction of Maruti Suzuki plant at Kadkhoda is almost complete. The car plant at Kharkhoda is expected to start production by 2025 with 2,50,000 units per annum when fully operational. This is third one in the state after Gurugram and Manesar. The proposed manufacturing plant can produce up to 2.5 lakh cars. The manufacturing facility is expected to reach peak production capacity of 10 lakh units per annum in the next eight years entailing a total investment of Rs 18,000 crore. The new facility, at a 800-acre site at IMT Kharkhoda in Sonipat district, has entailed a total investment of Rs 11,000 crore in the first phase.

Numbertree was appointed by the client to undertake concurrent techno commercial audit of the project,

**Banner**

**Maruti Suzuki Plant**

**Gujarat**

|  |  |
| --- | --- |
| Project Name | Maruti Suzuki plant |
| Location | Gujarat |
| Value | 540Cr |
| Client |  |
| Date of completion | June 2016 |
| Sector | Industrial |
| Service provided | Techno Commercial Audit |
| Tags | Industrial, techno – commercial audit , featured project , Gujarat |

**Banner**

**HPCL Mittal Energy Limited (HMEL)**

**Bhatinda, Punjab**

|  |  |
| --- | --- |
| Project Name | HPCL Mittal Energy Limited |
| Location | Bhatinda |
| Value | 746 Cr |
| Client |  |
| Date of completion | Nov 2020 |
| Sector | Industrial |
| Service provided | Techno Commercial Audit |
| Tags | Industrial , techno – commercial audit , featured project , Punjab |

HMEL is a joint venture between the state-owned Hindustan Petroleum Corporation (HPCL) and Mittal Energy Investment. HMEL is setting up the Guru Gobind Singh Polymer Addition Plant at Bhatinda Refinery, its petrochemical complex in Punjab.

The work on the project is underway and HMEL is planning to build the petrochemical plant before its scheduled completion date in 2021. Land for the unit was acquired in 2017 and in the same year, CB&I bagged the contract to provide the basic engineering for the ethylene plant, which will produce 1,200 Ktpa per annum.

In 2017, the Ministry of Environment and Forest (MoEF) granted environmental clearance for the project. Engineers India Limited (EIL) are the consultants for the environmental impact assessment and invited bids for the mounded bullet works for Guru Gobind Singh Polymer Addition Project in 2018.

The new dual-feed ethylene plant will include a steam cracker, refinery off-gas treatment unit, C4 hydrogenation unit, pyrolysis gasoline hydrogenation unit, benzene extraction unit, and a high-density polyethylene unit producing 450 kilotonnes per annum.

The petrochemical complex is being built at a cost of Rs 19,635 crore and is expected to provide direct employment to 600 people.

**Banner**

**AIIMS, Jhajjar**

**Construction of Hospital, OPD & Other Associated Services and their Maintenance during Defect Liability Period for National Cancer Institute at Badsha, Jhajjar, Haryana including finishing, electrical, entralized HVAC works, fire-fighting work, fire detection, sanitary, wplumbing works, external development works, roads works, drainages, Landscaping, Horticulture Services, Signages etc.**

|  |  |
| --- | --- |
| Project Name | AIIMS |
| Location | Jhajjar , Haryana |
| Value | 505Cr |
| Client |  |
| Date of completion | June 2016 |
| Sector | Institutional |
| Service provided | Techno Commercial Audit, Forensic Audit of Contractor |
| Tags | Institutional , techno – commercial audit , featured project , Haryana , forensic audit , Hospital |

Main Page

India’s healthcare infrastructure is growing at a rapid pace and it is expected to reach even greater heights in the years to come. Rising income levels, greater health awareness, increased precedence of lifestyle diseases, improved access to insurance and various government initiatives would be the key contributors to this growth. The Government of India aims to develop India as a global healthcare hub and has extended budgetary support under the National Health Mission to encourage development of medical infrastructure in India.

India's largest cancer hospital and research institute with 710-bed capacity, with advanced facilities like surgical oncology, radiation oncology, medical oncology, anaesthesia, palliative care and nuclear medicine. The centre equipped with OPD and associated medical services, housed in seven blocks, includes 1,080 hostel rooms for doctors and 800 rooms for inpatient attendants.

Numbertree was entrusted by the contractor to conduct techno-commercial audit of the project. Over the tenure of the project Numbertree also conducted forensic audit of the contractor

**Banner**

Kalyan Singh Cancer Institute

Lucknow

|  |  |
| --- | --- |
| Project Name | Kalyan Singh Cancer Institute |
| Location | Lucknow |
| Value | 796 Cr |
| Client |  |
| Date of completion | Nov 2018 |
| Sector | Institutional |
| Service provided | Techno Commercial Audit, Forensic Audit of Contractor |
| Tags | Institutional , techno – commercial audit , featured project , Lucknow , forensic audit , Hospital |

The Indian healthcare sector is growing at a brisk pace due to its strengthening coverage, services and increasing expenditure by public as well as private players. The public and private healthcare systems have together contributed to making India one of the leading destinations for high-end diagnostic services with tremendous capital investment for advanced diagnostic facilities, thus catering to a greater proportion of population. The Govt. of India, through its various initiatives, is planning to further enhance healthcare services by increasing public health spending as a percentage of the country’s GDP.  
  
Kalyan Singh Super Specialty Cancer institute was envisaged by Govt. of Uttar Pradesh to provide comprehensive, under one roof facility for cancer management and undertaking cancer related research work and education.  
  
This state-of-the-art hospital complex is a 1,250-bed facility that includes OPD Block, OT Block, Radiology Block, Radiation Oncology Block, Administration Block, IPD Block, Kitchen, Ancillary, Entrance Square, Service Corridor and other amenities. The hospital complex has been commissioned in phases since 2020 as per the client requirements. The hospital complex is set to become the largest dedicated cancer institute in India with an advanced national level referral and treatment facility and as a national level institute for research in oncology.

Numbertree was commissioned by the contractor to conduct a comprehensive techno-commercial audit of the project. Throughout the project's duration, Numbertree also performed a forensic audit of the contractor's operations, uncovering discrepancies and providing recommendations to enhance standard operating procedures (SOPs) and controls for future projects.

**Banner**

**HPCL Mittal Energy Limited (HMEL)**

Guru Gobind Singh Polymer Addition Project

Bhatinda, Punjab

|  |  |
| --- | --- |
| Project Name | HPCL Mittal Energy Limited (HMEL) – Guru Govind Singh Polymer addition |
| Location | Bhatinda , Punjab |
| Value | 746 Cr |
| Client |  |
| Date of completion | Nov 2020 |
| Sector | Industrial |
| Service provided | Techno-Commercial Audit |
| Tags | Industrial, techno – commercial audit , featured project, Punjab, refinery |

HMEL is a joint venture (JV) between the state-owned HPCL and Mittal Energy Investment. The Hindustan Petroleum Corporation (HPCL)-Mittal Energy (HMEL) has set up Guru Gobind Singh Polymer addition project at their petrochemical complex Bhatinda Refinery in Punjab.GGSR is a state-of-the art modern refinery that was designed and operated as per the applicable regulations and standards. HMEL has implemented good safety and environmental engineering practices during the design, commissioning and operational phases of the plant. The project is to expand the company's product portfolio. The new dual-feed ethylene plant includes steam cracker, refinery off-gas treatment unit, C4 hydrogenation unit, pyrolysis gasoline hydrogenation unit, and benzene extraction unit. Also, High Density Polyethylene Unit of 450 ktpa among others. HPCL Mittal Energy Limited (HMEL) currently operates a 9.0 MMTPA Guru Gobind Singh Refinery in Bhatinda - Punjab, supplying BS-IV compliant fuels in the Northern region’s is now undertaking a low cost expansion of the existing refinery from 9.0 MMTPA to 11.25 MMTPA, wherein it is debottlenecking the existing units to achieve this capacity.

The project has slated provide employment to 600 people directly, and 20,000–25,000 people indirectly during construction. The petrochemical complex has been built at a cost of Rs 19,635 cr.

Numbertree worked as techno-commercial auditors for the project.

**Banner**

The New Parliament Building

New Delhi

|  |  |
| --- | --- |
| Project Name | The new Parliament Building |
| Location | New Delhi |
| Value | 477.08 Cr |
| Client |  |
| Date of completion | Feb 2021 |
| Sector | Institutional |
| Service provided | Techno Commercial Audit, Internal Audit |
| Tags | Urban Infrastructure, Institutional techno – commercial audit , operational review, planning and billing , featured project , New Delhi |

During the momentous occasion of 75th year of Independence, the new Parliament building of India was inaugurated by the prime minister. The new building embodies the entire nation's rich culture, pride, and spirit. The new Parliament building holds immense significance for India on various fronts. It symbolises India's growing power on the global stage, characterised by its large, modern, and sustainable design. The New Parliament also offers parliamentarians a more efficient and effective workspace and enhance their productivity.

The new building was completed in May 2023 . It was constructed as a part of the Central Vista Redevelopment project – which was commissioned in the year 2019.

It has several architectural marvels to show case. The new Parliament building has a triangular-shaped layout covering approx. 65,000 sq m. It is conceptualised around eight themes, showcasing approx.255 crafts sourced from around 400 artisans across India. The new Indian Parliament building boasts six gates named after real and mythical creatures, evoking Indian culture and mythology at its entrance. A Foucault pendulum hangs from the ceiling of the Central Foyer. It is the largest of its kind in India and symbolises India's connection with the vast cosmos. The Lok Sabha Hall and Rajya Sabha Hall embody the Peacock, India's national bird, and the Lotus, the national flower, respectively.

The new complex is a "platinum-rated green building". It showcases India's dedication to sustainability. The new complex also utilises sustainable materials such as sandstone, commonly found in Indian architecture.The new building is environmentally friendly and aims for a 30 percent reduction in electricity consumption compared to the old one. It features rainwater harvesting, water recycling, and a space-efficient design, with a lifespan of 150 years. All records, including house proceedings are digitised to align with the new Parliament's eco-friendly approach.

At Numbertree, We feel immensely honoured & proud to have been associated with this prestigious project. As techno commercial auditors & as quantity surveyors, we are proud to have contributed to its success.  
We are equally honoured to have collaborated on various projects under [central vista](https://www.linkedin.com/feed/hashtag/?keywords=centralvista&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7068963769564938240) such as the India gate and the Kartavya Path.

Top of Form

Bottom of Form

**Banner**

Magadechhu Power Transmission

Bhutan

|  |  |
| --- | --- |
| Project Name | Magadechhu Power Transmission |
| Location | Jigmeling |
| Value | 547 Cr |
| Client |  |
| Date of completion | Sep 2017 |
| Sector | Power & Transmission |
| Service provided | Techno Commercial Audit, Internal Audit |
| Tags | Energy, Power & Transmission , techno – commercial audit, featured project , New Delhi |

This engagement entailed an Item-Rate-Turnkey contract executed through Bhutan Power Corporation Limited, with a project value of INR 548.97 Crores.  
   
This project was full of learning for our team . We share some of the challenges here which were ably overcome. [#techno commercial audit](https://www.linkedin.com/feed/hashtag/?keywords=technocommercialaudit&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7082251207586553857) [, cost overrun](https://www.linkedin.com/feed/hashtag/?keywords=costoverrun&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7082251207586553857)  [& quantity surveyor](https://www.linkedin.com/feed/hashtag/?keywords=quantitysurveyor&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7082251207586553857)  
   
Complex Project Structures: Power Transmission structures involve intricate contractual arrangements, multiple stakeholders, and intricate project frameworks. Unravelling these complexities is important for accurate cost assessment.  
   
Evolving Regulatory Environment: Energy sector is constantly evolving with changes in regulations and policies. Ensuring compliance throughout the audit process is essential. Regulatory changes can affect cost calculations, tariff structures, and contract terms, necessitating adaptable methodologies.  
   
Technical Expertise: Power transmission projects are highly technical in nature, involving engineering specifications, equipment selection, and construction methodologies. The team must possess adequate technical expertise to evaluate project design, implementation, and the impact of technical decisions on project costs.  
   
Scope Creep and Change Orders: Changes in project scope, design modifications, and additional work orders can contribute to cost overruns. The validity and justification of change orders can be challenging, as it requires thorough understanding of the project's original scope and contractual agreements.  
   
Contractor Management: Effective evaluation of contractor performance and identifying any deviations from contractual obligations is essential for project success. Issues such as delays, poor quality work, and inadequate cost control measures can lead to cost overruns.  
  
Our Success Mantra  
-       Close collaboration with stakeholders of the project  
-       Subject matter expertise  
-       Rigorous analytical skills  
-       Effective application of Project management principles  

**Banner**

Mumbai Delhi Expressway package 2

Meerut , Uttar Pradesh

|  |  |
| --- | --- |
| Project Name | Mumbai Delhi Expressway package 2 |
| Location | Meerut , Uttar Pradesh |
| Value | 1057.6 Cr |
| Client |  |
| Date of completion | Dec 2018 |
| Sector | Roads & Highways |
| Service provided | Techno-Commercial Audit |
| Tags | Roads & Highways , techno – commercial audit , featured project, Gujarat , Roads & Highways |

At the heart of our audit methodology lies the commitment to deliver tangible results and drive

positive change particularly to fosters sustainable practices  within organizations  
  
Our work on a section of The Delhi-Mumbai Expressway Project serves as a markable example.  
  
The Delhi-Vadodara Expressway, which is the first section of the [Delhi – Mumbai Expressway](https://www.linkedin.com/feed/hashtag/?keywords=delhimumbaiexpressway&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7077279742189518848), is a greenfield expressway spanning 1350 KM, connecting India's national capital, New Delhi, with its financial capital, Mumbai. This fully access-controlled expressway consists of 8 lanes (expandable to 12) and carries a total project value, including land acquisition costs, of approximately INR 1,00,000 crores.The Delhi-Mumbai Expressway, including the Vadodara section, serves as a vital backbone of the Delhi-Mumbai Industrial Corridor (DMIC). It facilitates the movement of goods and enhances connectivity for industrial and economic development in the region.  
  
Numbertree was engaged for [techno- commercial audit](https://www.linkedin.com/feed/hashtag/?keywords=technocommercialaudit&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7077279742189518848) of 10 different packages, (Vadodara section) having project value of approx. INR 10,000 Crores

Our approach to assignment was -  
a) Enhancing Process Integrity and Performance: A Risk-Based Audit Approach - The primary focus of this audit was to assess process integrity, ensure compliance, and contribute to the continuous improvement of process performance. We adopted a risk-based approach, leveraging a well-defined conceptual framework for process monitoring. Our goal was to establish an effective control environment, taking into account the criticality of various risk scenarios.  
   
b)    Driving Efficiency and Cost Savings through Material Consumption Optimization - One of the key areas we dedicated our attention to was controlling material consumption. Through meticulous drawing-based material reconciliations, we successfully identified the root causes of wastages.  
   
As a result, we suggested robust controls to minimize wastage and gain better insights into consumption patterns. This paved the way for optimized resource utilization and cost savings.

## Central Vista project

The [Central Vista Project](https://centralvista.gov.in/) is a massive redevelopment project in New Delhi that includes the construction of the new Parliament House and the reconstruction of several other government buildings and public spaces. The Government of India has undertaken the project, and it is expected to be completed by 2026. The [total cost](https://centralvista.gov.in/myths-and-realities.php) of the Central Vista Project is estimated to be ₹20,000 crore (US$2.5 billion).

**Banner**

Delhi-Vadodara Greenfield Alignment, NH148N - Package 20

New Delhi

|  |  |
| --- | --- |
| Project Name | Delhi-Vadodara Greenfield Alignment, NH148N - Package 20 |
| Location | New Delhi |
| Value | 743.89 |
| Client |  |
| Date of completion | Dec 2018 |
| Sector | Roads & Highways |
| Service provided | Techno-Commercial Audit |
| Tags | Roads & Highways , techno – commercial audit , featured project, New Delhi |

**Write Up**

Package 20 of the Delhi-Vadodara Greenfield Alignment is an 850.78 crore(INR) section of the Delhi-Mumbai Expressway that is being constructed under the BharatMala Pariyojana. This section runs from the junction with SH-175 near Baletiya village to the junction with SH-63 near Pratap Nagar village, covering 21.500 Km. The Delhi-Vadodara Greenfield Alignment, also known as NH-148N, is 845 km long. The alignment has four sections:

* Section 1: DND–Faridabad–KMP
* Section 2: Sohna–KMP–Vadodara
* Section 3: Vadodara–Virar
* Section 4: Virar–JNPT

**The project includes plans to:**

* Install solar powered lights at major structures, interchanges, and toll plazas
* Conserve rainwater at every 500 meters of highway
* Minimize ecological impact
* Afforest 20 kilometres of the project, and set aside an equivalent amount of land for afforestation

Numbertree was appointed by the contractor for techno-Commercial Audit, CTC/ SOP/ MIS Preparation & Implementation as well as contractor billing audit

**Banner**

**Nuclear Fuel Complex**

**Kota , Rajasthan**

|  |  |
| --- | --- |
| Project Name | Nuclear Fuel Complex |
| Location | Kota , Rajasthan |
| Value | 471 Cr |
| Client |  |
| Date of completion | Dec 2018 |
| Sector | Industrial , Energy |
| Service provided | Material reconciliation |
| Tags | Industrial, Energy , Material reconciliation techno – commercial audit , featured project, Rajasthan |

Main Page

.

Nuclear Fuel Complex (NFC) has been is relentlessly fuelling the nuclear power program of India.

To meet the increased fuel requirement of pressurised Heavy Water Reactors, NFC is setting up a new facility, Nuclear Fuel Complex - Kota. The NFC is a green field project that covers 190 hectares, plus an additional 30 hectares for townships. It has been built next to the Heavy Water Plant, Rawatbhata.

The NFC is the only organization in India that provides fuel for nuclear power reactors. This project is established as an extension to NFC-Hyderabad and is based on the technological procedures adopted at NFC-Hyderabad accelerates the marking of Indian footprint in global arena of nuclear fuel manufacturing with its capacity provide congenial environment for employees working at all levels. The NFC-Kota township has been planned with amenities to support the same .

Numbertree served as techno-commercial auditor for the project and was also engaged in material reconciliation.

Banner

ITPO convention centre renamed ”Bharat Mandapam”, Redevelopment project

|  |  |
| --- | --- |
| Project Name | Redevelopment of ITPO Complex into integrated exhibition cum convention centre at Pragati Maidan, New Delhi |
| Location | New Delhi |
| Value | 2150 |
| Client |  |
| Date of completion | Sep 2023 |
| Sector | Commercial |
| Service provided | • Techno-Commercial Audit • Audit of Contractor Bill Checking • Drawing Based Quantity Computation |
| Tags | Commercial , Urban Infrastructure , techno – commercial audit , featured project, New Delhi ,contract administration, Quantity Survey |

In Dec 2023, India hosted the coveted G20 summit which saw the gathering of world leaders from 20 countries including USA, Russia ,France amongst others.  
The Prestigious event was held under India’s Presidency, and took place at the newly inaugurated international exhibition cum convention centre (IECC) complex also known as Bharat Mandapam in New Delhi’s Pragati maidan. It is built under the tutelage of India Trade promotion organization. The venue boasts of state-of-the-art facilities like a convention Centre, exhibition halls, fully equipped business Centre, numerous meeting rooms and an amphitheater. Bharat Mandapam has been developed as India’s largest MICE destination. The complex ranks among the top exhibition and convention complexes globally.  
Its impressive multipurpose hall can collectively accommodate up to 7000 attendees and the amphitheater boasts of an impressive seating capacity of 3000 individuals. Built over 123 acres, with a total cost of approx. Rs 2150Cr, it is set to transform the MICE industry in India.  
   
Numbertree is humbled to have contributed in the capacity of concurrent [Techno-Commercial](https://www.linkedin.com/feed/hashtag/?keywords=technocommercial&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7105409174427070464) auditors of this giant project, right from mobilization to demobilization, by the project developers. We served as drawing based [bill verification](https://www.linkedin.com/feed/hashtag/?keywords=billverification&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7105409174427070464) consultants for the project as well.  
A concurrent [techno- commercial audit](https://www.linkedin.com/feed/hashtag/?keywords=technocommercialaudit&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7090179864774778881) is an essential tool to avoid cost overrun in a large and complex project like this. As India's leading [#technocommercial](https://www.linkedin.com/feed/hashtag/?keywords=technocommercial&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7090179864774778881&lipi=urn%3Ali%3Apage%3Aorganization_admin_admin_feed_index%3Bc16c925a-b2fd-4310-8d16-a2bdf071acb8) audit firm, we are equipped to handle challenging & complex projects. We are immensely proud of our [#team](https://www.linkedin.com/feed/hashtag/?keywords=team&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7090179864774778881) that worked efficiently for over 3years at the project site.

**Banner**

**Buddha Smriti Stupa & Buddha Sangrahlaya**

**Vaishali , Bihar**

|  |  |
| --- | --- |
| Project Name | Construction of Buddha Smriti Stupa and Buddha Samyak Sangarahalya |
| Location | Vaishali Bihar |
| Value | 314Cr |
| Client |  |
| Date of completion | Nov 2021 |
| Sector | Institutional |
| Service provided | Techno – Commercial Internal Audit |
| Tags | Institutional , Urban Infrastructure , techno – commercial audit , internal audit featured project, Bihar |

**Write up**

Buddha Smriti Stupa is the central attraction of the buddha smriti park in Patna, Bihar. The stupa popularly known as Patliputra Karuna Stupa, is approx. 200 feet high and is situated in the middle of the Buddha Smriti Park. The peaceful 9-hectare park, inaugurated by the Dalai Lama in 2010, is notable for its massive sandblasted charcoal stupa which houses a unique, bulletproof relic chamber, and sapling planted from both the Bodhi Tree in Bodhgaya and Anuradhapura in Sri Lanka. The relic chamber in the stupa , houses the pot containing holy ashes of the Buddha. The pot containing ashes of Buddha was notably excavated from Vaishali. The Buddha smriti museum is also located within this park. The museum has relics from Japan, Myanmar, South Korea, Sri Lanka and Thailand . A prayer hall is also part of the entire development. The strikingly modern Buddhist Museum is worthwhile, and there is also a library and a meditation. The Buddha Smriti Museum is planned to interpret the stories associated with the Buddha and the ongoing legacy of Buddhism as a philosophy and major world religion.

Numbertree was entrusted with internal audit of the entire project by the developers.

**Banner**

State sports Academy cum modern cricket stadium

Nalanda, Bihar

|  |  |
| --- | --- |
| Project Name | Construction of State Sports Academy cum International Standard Modern Cricket Stadium at Rajgir, Nalanda ,Bihar |
| Location | Nalanda , Bihar |
| Value | 741Cr |
| Client |  |
| Date of completion | Sep 2022 |
| Sector | commercial |
| Service provided | Techno – Commercial Internal Audit |
| Tags | Institutional , Urban Infrastructure , techno – commercial audit , internal audit ,featured project, Bihar, latest project |

"Purvanchal Expressway

(Package VII) " "Development of Purvanchal Expressway

(Package VII) From Mojrapur (Dist.

Azamgarh) to Bijaura (Dist. Ghazipur)"

Banner

Purvanchal Expressway - (Package VII)

Uttar Pradesh

|  |  |
| --- | --- |
| Project Name | Development of Purvanchal Expressway  (Package VII) Mojrapur (Azamgarh) to Bijaura Ghazipur) |
| Location | Nalanda , Bihar |
| Value | 741Cr |
| Client |  |
| Date of completion | Sep 2022 |
| Sector | Commercial |
| Service provided | Techno – Commercial Internal Audit |
| Tags | Institutional , Urban Infrastructure , techno – commercial audit , internal audit ,featured project, Bihar, latest project |

Package VII of the Purvanchal Expressway is the stretch of green-field alignment between Mojrapur in the Azamgarh district and Bijaura in the Ghazipur district The proposed expressway start chainage is Km (‐)0+270 at Village Chand Sarai (Dist. Lucknow) from on National Highway NH‐56 (chainage Km Km 20/960 on NH56 Lucknow‐ Sultanpur Road; 1.7 Kms before Gosainganj) and traverses towards south east direction and bypasses Azamgarh city before terminating at Haidarya (Dist.

***Banner***

|  |
| --- |
| ***Indian Institute of Technology (IIT)***  ***Hyderabad***  ***Campus Development*** |

|  |  |
| --- | --- |
| Project Name | Indian Institute of Technology (IIT)Hyderabad - Campus Development |
| Location | Telangana |
| Value | 821Cr |
| Client |  |
| Date of completion | oct 2022 |
| Sector | Commercial |
| Service provided | Internal audit |
| Tags | • Internal Audit,past project,Hyderabad Telangana |

***Main Page***

The Indian Institute of Technology (IIT) Hyderabad is a prestigious public technical and research university established in 2008 in the village of Kandi, located in the outskirts of Sangareddy, Telangana. The sprawling 576-acre campus features an academic building designed to be energy-efficient, carbon-neutral, and sustainable.

The campus is divided into clusters that are being constructed in phases. Once completed, it will encompass 25 lakh square feet of buildings, including 3 academic blocks and 10 hostel buildings, each with a capacity to accommodate 200 students.

IIT Hyderabad boasts state-of-the-art facilities such as hostels, a sports complex, a library, cafeterias, a gymnasium, hospital/medical facilities, Wi-Fi connectivity, campus shuttle services, auditoriums, and laboratories to cater to the needs of its students and faculty.

Banner

|  |  |
| --- | --- |
| Project Name | Indian Institute of Technology(IIT) Palakkad - campus development |
| Location | Telangana |
| Value | 597Cr |
| Client |  |
| Date of completion | April 2022 |
| Sector | Commercial |
| Service provided | Internal audit |
| Tags | • Internal Audit,past project |

***Main page***

***Main Content remaining***

The Indian Institute of Technology (IIT) Palakkad has two campuses: the Ahalia campus, which is temporary, and the Nila campus, which is transit. The Nila campus is made up of 30 acres on the 504-acre permanent campus site in Kanjikode. The campus has an auditorium, multimedia classrooms, student laboratories, library, canteen, and hostels with Wi-Fi. The academic space is called Samgatha, and the laboratory complex is called Manogatha. The three hostels that house students are Bageshri, Brindavani, and Tilang

The assignment entrusted to Numbertree involved carrying out an internal audit focused on the civil construction work. Our proficient and capable team successfully accomplished this task within an impressively short timeframe, completing the audit ahead of schedule.

**PROJECTS**

**Residential**

1. **Delhi-Vadodara Greenfield Alignment, New Delhi**

**(NH148N) (Package 20)**

1. **Suryapet Khammam Road, Khammam, Tamil Nadu**
2. **Davangere Haveri Highway, Davengere, Karnataka**
3. **Manmad - Malegaon Toll, Maharashtra**

Latest Projects

1. **Gorakhpur Link expressways, Uttar Pradesh**
2. **DVEP Package, Godhra, Gujarat**
3. **Kartavya Path, New Delhi**
4. **Shivpuri-Guna Toll ways, Madhya Pradesh**
5. **Mumbai Delhi Expressway package 2, Gujarat**

**Banner**

**Petrapole Land Port**

India – Bangladesh Border

|  |  |
| --- | --- |
| Project Name | Petrapole Land Port |
| Location | West Bengal |
| Value | 746 Cr |
| Client |  |
| Date of completion | Nov 2020 |
| Sector | Industrial |
| Service provided | Techno-Commercial Audit |
| Tags | Industrial, techno – commercial audit , featured project, west Bengal , refinery |

The largest land Port in South Asia, Land port Petrapole is located along the international border between India and Bangladesh, at a distance of about 80 kms from the city of Kolkata.

Petrapole (India)-Benapole (Bangladesh) is an important land border crossing for India-Bangladesh both in terms of trade and passenger movement. Nearly 30 percent of land-based trade between India and Bangladesh takes place through Land Port Petrapole

Since its operationalization in February 2016, the Land Port has been witnessing an increasing number of passenger movement with an average of 22 lakh people crossing the border post on either side each year.

Numbertree was appointed for techno-commercial auditors for the project.

**PROJECTS**

**Commercial**

Related Project

1. Seven, Exit 10 Mall, Riyadh, Saudi Arabia
2. Forum Mall, Cochin, Kerala
3. Hyatt Hotel , New Delhi
4. Sports Stadium, Rajgir, Bihar
5. Amity University, Ranchi, Jharkhand
6. Ascendas, Telangana, Hyderabad,
7. Multi-level Parking, Delhi
8. Jockey, Sitamarhi, Bihar
9. Sitamarhi, Hospital, Ramdaspur, Bihar
10. OMC, Koraput, Odisha
11. BTT, Bangalore
12. HDFC Bank Kolkata

Latest Projects

1. Seven, Exit 10 Mall, Riyadh, Saudi Arabia
2. Forum Mall, Cochin
3. Marriott Hotel, New Delhi

**PROJECTS**

**Oil & Gas**

**PROJECTS**

**Renewables**

Related Projects

1. Koradi Thermal Power Project, Nagpur, Maharashtra
2. NTPC Project- Kokrajhar Kokrajhar, Assam
3. Rural Electrification Project-Hoshangabad, Madhya Pradesh
4. Rural Electrification Project , Bhagalpur, Bihar
5. Koradi Thermal Power, Nagpur, Maharashtra
6. HCC-Teesta Project, Sikkim
7. 765 KV DC line from Sikar to Bhalogi, Rajasthan
8. Sub Station Project, Darbhanga-Bihar
9. Transmission Line & Distribution WO-292BH , Araria-Bihar
10. Transmission Line & Distribution Tala project, Jalpaiguri-West Bengal

Contact Us Page

**Enquiries**

Mumbai Office

+91-9820988754

Mail: info@numbertree.in

5th Floor, 502, Town Centre, 1, Marol Naka, Andheri East, Mumbai, 400059

Delhi Office

+91-9911358409

Mail : info@numbertree.in

A-99, 3rd Floor, Lajpat Nagar 2, New Delhi, 110024

Dubai Office

+971 508154933

Mail : info@numbertree.in

Office No.1043-0, Dawood Building, Hor AL ANZ, Al Barsha PO Box 80080, United Arab Emirates

For Press Enquiry

press.enquiries@numbertree.in

Service Related

services@numbertree.in

General Query

info.enquiries@numbertree.in

Career Related

careers.enquiries@numbertree.in

Find an expert

Syed Mahtab Alam

Founder & CEO

Mahtab.syed@numbertree.in

+91-9988776655

Send Message

Ajay Shekhar

Partner

ajay.shekhar[@numbertree.in](mailto:s@numbertree.in)

+91-9988776655

Send Message

Sulagna Bisoi

Head Sales – India & UAE

+91

+971

[sulagna@numbertree.in](mailto:sulagna@numbertree.in)

Send message

Kishan Panchal

Business Development Manager

Western India Region

+91

Kishan.panchal@numbertree.in

**Send message**

**Follow us on social media**

**Twitter**