



# Intercontinental Consultants and Technocrats Private Limited

Value | Engineering | Commitment

# Value Engineering Commitment

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## FROM THE CHAIRMAN'S DESK

Our relentless pursuit is to cultivate expertise across diverse engineering disciplines, positioning ourselves as global contenders in urgently delivering sustainable infrastructure solutions to the developing world. By doing so, we actively contribute to the overall economic progress and the well-being of humanity at large.

Our overarching goal is to shape nations and the world through unparalleled infrastructure consultancy services. Our primary asset is our people, united in purpose. The pride we hold for our organization's achievements fuels our motivation. Our foundation is built upon integrity, with our compass set towards the goals of quality, safety, and excellence.

What evolve constantly are our tools, innovations, and sustainability initiatives. Through the addition of fresh talent, strategic partnerships, and new client relationships, growth remains an on-going journey. The current revolution within our industry kindles our innovative spirit, as we continue to pioneer competitive solutions for our clients.

In light of the unpredictability witnessed in recent years, we've harnessed new strategies and approaches, revamping resource utilization. This invaluable experience has equipped us to guide our clients and our company through challenging times by reassigning our resources for long-term success.

Moving forward, we discern promising signs of economic recovery and increased global opportunities. Our commitment at ICT is unwavering, always striving to deliver optimal outcomes for our clients. This includes addressing their sustainability concerns and challenges. Our dedication to delivering quality and cost-effective professional services, our unwavering focus on efficiency, and our unyielding commitment to offering superior value to our clients remains constant, regardless of market conditions.



**K.K. Kapila**  
Chairman

## FROM THE MD'S DESK



I strongly believe that any organization's strength lies in its competent, confident and skilled workforce. Our journey towards success begins and ends with our employees, and their continuous development is our foremost priority. We recognize that a strong and sustainable team is built upon the pillars of Opportunities, Exposure, and Training. Hence, we are committed to providing our employees with access to National and International Workshops, Trainings, Conferences, and support for pursuing Higher Education. This investment in our workforce ensures a skilled and adaptable resource pool that can meet the challenges of our ever-evolving industry.

In today's rapidly changing landscape, technology is the driving force behind progress. We are resolute in our dedication to harnessing technology's potential to enhance productivity, reduce risks, and create a more systematic working environment. Our goal is to maximize efficiency, minimize wastage, and deliver superior results.

Beyond the confines of our organization, I am deeply passionate about contributing to the growth of the Consulting Engineering Industry, particularly in Developing Economies where infrastructure needs are pressing. As an elected Board Member of FIDIC, I am committed to fostering collaboration across borders, creating a platform for knowledge-sharing, innovation, and best practices that will propel our industry forward. Our interactions with micro enterprises have enriched our understanding of economic growth and capacity building, enabling us to deliver projects with local expertise and cost-effectiveness.

Embracing digitalization is central to our strategy. We understand that emerging technologies such as artificial intelligence, the internet of things, and blockchain hold immense promise for our industry. By championing digital transformation, we can enhance project efficiency, streamline processes, and provide sustainable solutions that meet our clients' evolving needs.

However, I emphasize the importance of striking the right balance between technology and human expertise. Success is rooted in the harmonious integration of both, and we are committed to achieving this balance.

Advocacy is another critical aspect of our mission. I pledge to advocate tirelessly for the interests of consulting engineers, engaging with governments, policymakers, and stakeholders to promote fair procurement practices, sustainable infrastructure development, and the worldwide adoption of FIDIC standards.

As I look ahead, I envision ICT setting global standards in engineering excellence. This vision hinges on our ability to blend technology and human ingenuity, fostering creativity, innovation, and an astute understanding of market dynamics.

I am inspired by the legacy left by our visionary Chairman, Mr. Kiran Kumar Kapila. His principles of "Value, Engineering, and Commitment" will remain at the core of our operations as we navigate the evolving landscape.

History is a testament to human resilience and achievement. At ICT, we are committed to overcoming challenges, pioneering innovations, and leaving a lasting legacy of excellence.

**Prashant Kapila**  
Managing Director

# CERTIFICATIONS AND AFFILIATIONS

## Vision Statement

To Maintain ICT as a Premier International Consultancy Organisation and a Global Leader In Providing Eco-friendly and Sustainable Solutions for the Infrastructure Sector.

## Quality Policy

We stand committed to the highest performance standards, fully complying with requirements of the Quality Management System (QMS) and our esteemed Clients.

We shall continually work to provide techno-economic and efficient solutions through time bound consultancy services for the infrastructure sector by adopting State-of-the-Art technologies and practices.



## FIDIC Affiliation

ICT is the only Affiliate Member of FIDIC in India. As part of the Infrastructure consulting industry for over 36 years, we have been executing projects based on FIDIC 'Conditions of Contracts' and its guidelines. We have a considerable hands-on experience with both National and International Competitive Bidding under FIDIC Conditions of Contract. We maintain close contact with FIDIC and support the Federation's vision and mission in the Consulting fraternity. ICT is also a member of Consulting Engineers Association of India (CEAI), the Member Association of FIDIC from India.



# RELATIONSHIPS WITH MULTILATERAL FUNDING AGENCIES



Asian Development Bank



The World Bank



International Bank for Reconstruction and Development



African Development Bank



Japan International Cooperation Agency



Kuwait Fund for Arab Economic Development



German Development Bank



European Bank for Reconstruction and Development



Asian Infrastructure Investment Bank



Millenium Challenge Corporation



French Development Agency



Common Market for Eastern and Southern Africa



United Nations Development Programme



Abu Dhabi Fund for Arab Economic Development



International Civil Aviation Organization

# KEY BUSINESS VERTICALS



**Expressways and Highways**



**Tunnels**



**Bridges and Other Structures**



**Railways and Metro Rails**



**Airports and Aviation System**



**Urban Regional Planning and Smart City Solutions**



**Traffic Transportation and Road Safety**



**Building and Architecture**



**Institutional Strengthening and Capacity Building**



**Transaction and Project Finance**



**Water Resources and Public Health Engineering**



**Environmental and Social Sciences**

Worked on Over

**800**

Projects

Project Handled Over

**90**

USD Billion

Annual Turnover Over

**50**

USD Million

[\*Conversion as per Standard Translation Convenience Rate 1\$ = INR 60]



## Over 800 Consultancy Assignments

### EXPRESSWAYS AND HIGHWAYS

- Feasibility Study and Detailed Engineering Design of **Over 69000Km Roads**
- Construction Supervision/Project Management/Independent Engineer/ Authority's Engineer of **Nearly 28000Km Roads**



### TUNNELS

- Detailed Design/DPR of **Over 180Km Road/Rail/Metro Tunnels)**
- Construction Supervision/Project Management of **Over 90Km Road/ Rail Tunnels**



### BRIDGES AND OTHER STRUCTURES

- Detailed Design/DPR of **Nearly 5500 Bridges and Other Structures**
- Construction Supervision/Project Management of **Over 3200 Bridges and Other Structures**



### RAILWAYS AND METRO RAILS

- Railways & Metro Rails  
**Nearly 55 Projects**



### AIRPORTS AND AVIATION SYSTEM

- Planning, Design, Supervision and Project Management of **Over 60 Airport Projects**



### URBAN REGIONAL PLANNING AND SMART CITY SOLUTIONS

- Preparation of Master Plan/CDP/Smart City/  
Project Implementation of **Nearly 80 Cities/Towns**



### TRAFFIC TRANSPORTATION AND ROAD SAFETY

- Road Safety Audits/Black Spot Improvement/  
Awareness Campaigns of **Over 200 Assignments**



### TRANSACTION AND PROJECT FINANCE

- Transaction Financial Advisory for Projects of **Over USD 7 Billion**



### WATER RESOURCES AND PUBLIC HEALTH ENGINEERING

- Planning and Design of Irrigation Projects of **Over 8,00,000 ha. Gross Command Area**
- Water Supply Schemes of **Over 500 Towns and Villages**



### ENVIRONMENTAL AND SOCIAL SCIENCES

- Environment and Social Impact Assessment  
**Over 650 Projects**

# OUR JOURNEY

Every great story begins with a dream, ICT started its glorious journey with the project **“Study of Economic Benefits of Tourism in India”**.

Established its **first International 100% owned subsidiary company in Mongolia “ICT-SAIN Consulting LLC”** and achieved the tag of the first International Engineering Consultancy firm to take up infrastructure development project in the country.

Made an entry in the **African Continent** by carrying out a study on **Non-Motorized Transport in Africa** which was proved to be the **Gateway to the African Continent**. After two years, business in Ethiopian market flourished with a successful completion of a **Road Design Projects**. Since then ICT has made its **footprint in 26 Countries** on the continent till date.

ICT created its footprints by establishing its sister company namely **“International Consultants and Technocrats Ethiopia PLC.”** which continued to contribute in many projects down the line in the country.

Recognized as **Top League Engineering Consulting firm in South-Asian region** after being awarded the project **“Third Road Rehabilitation Maintenance Project (RRMP-III)”** funded by the **World Bank in Bangladesh** under **Roads & Highway Department**.

1987

1993

1995

1999

2004

1992

1994

1997

2002

2006

ICT made its first international breakthrough with **“Domestic Civil Aviation Study”** Project in **Nepal** which was funded by the **Asian Development Bank**.

Started its journey in **South-East Asia** by winning a project in **Vietnam** under **“Ministry of Transport and Communication”**.

ICT was involved as **Project Management Consultant** for **India's first Expressway Project “Mumbai - Pune Expressway”**.

Expanded business vertical by establishing **“Urban Infrastructure Division”** after winning **“Preparation of techno-economic feasibility report, bid documents and shortlisting of promoters for Special Economic Zone (SEZ) at Kanpur”**. The success of this project brought lot of challenging Urban projects in both our home country and overseas.

Made an entry in the **Commonwealth of Independent States (CIS)** region after being awarded a **Road Sector project** funded by the **Asian Development Bank** in **Tajikistan**.

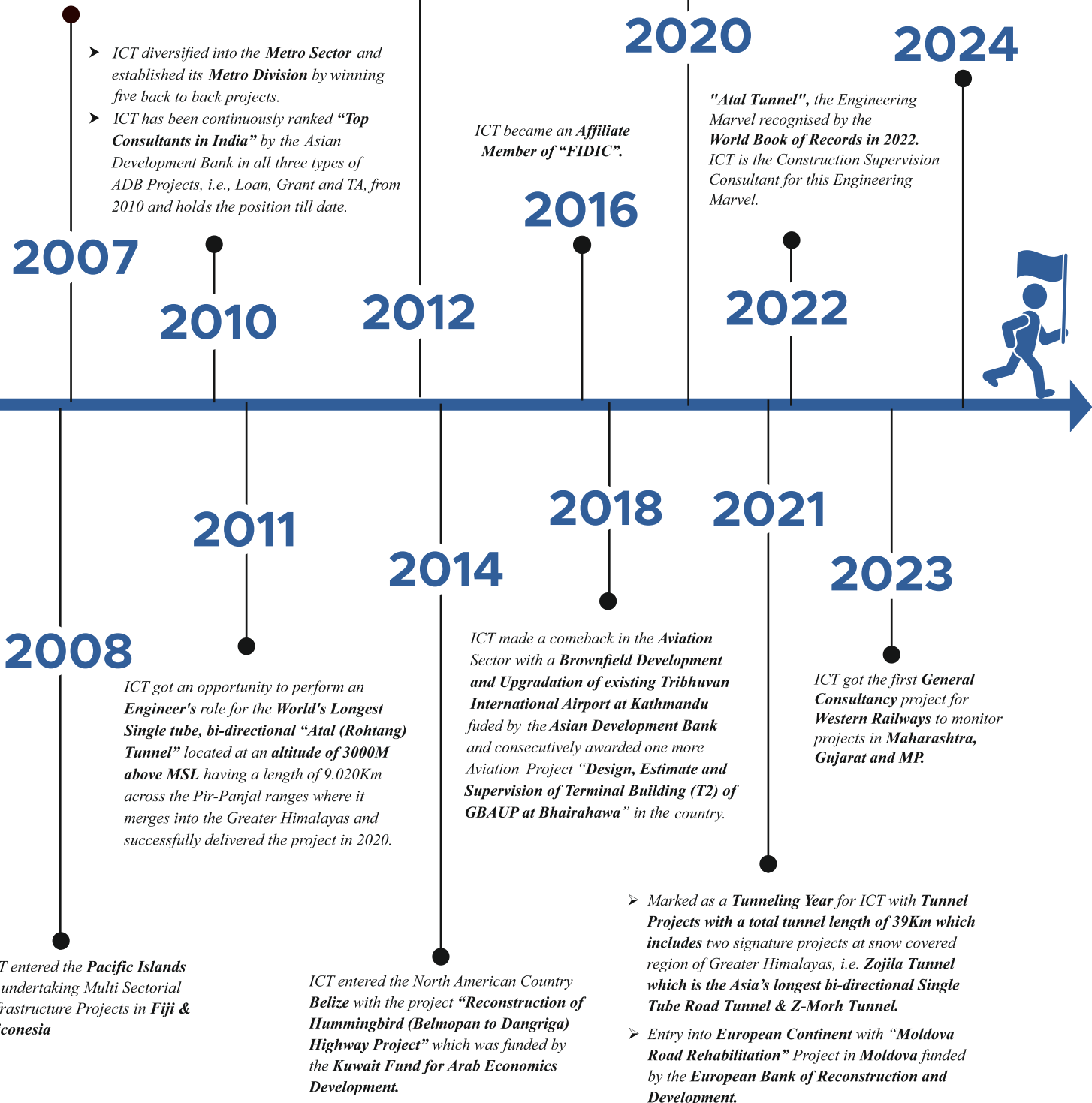


ICT made its first contribution to the Nation building effort for the **War ravaged Country of Afghanistan** and despite facing various precarious security issues, ICT took up the challenge and successfully completed **“Design of Power Supply System and Apron for Kabul International Airport”** and later undertook many other Infrastructure projects in the country as well as in other War ravaged countries like **Yemen and Sierra Leone**.

ICT incorporated its own **Railway Division** with its first Railway project **“Detail Survey and Design of Electrified Railway Line Project”** in **Nepal** and after that the Railway Division has grown at an exponential rate to deliver various prestigious projects.

- Breakthrough in **Port Sector** with the project **“Feasibility Study and Detailed Engineering Design for Modernization and Expansion of Lake Victoria Ports in Tanzania”**.
- Successfully achieved a commercial closure of the First PPP project **“Nairobi Nakuru Mau Summit Highway”** in Kenya during September 2020 with a value of in USD 1.5 billion which is the highest in the African Continent.

ICT received the **Uganda-Award of Design Review and Supervision of Road Project**.





- 📍 Head Office
- 📍 Permanent Offices
- Geographical Presence

**Corporate Headquarters :**  
 A-8 & A-9, Green Park,  
 New Delhi - 110 016, India  
 ☎ +91-11-40863000  
 📠 +91-11-26855252  
 ✉ business@ictonline.com  
 🌐 www.ictonline.com

**Overseas Offices :**  
**Kenya**  
 Pension Towers 14<sup>th</sup> Floor, Loita Street,  
 Nairobi, Kenya  
 ☎ + 254 20 444 0680  
 📠 + 254 734 384 192 , +254 739 999 140  
 ✉ nairobi@ictonline.com

**Tanzania**  
 Plot No 85, Fifth Floor, Kinondoni Road,  
 CT No 186030/35, PO Box: 11349,  
 Dar Es Salaam, Tanzania  
 ☎ +255 22 2151308  
 📠 +255 786 3656 61, +255 653 3656 61  
 ✉ tanzania@ictonline.com

# GLOBAL PRESENCE



**Mongolia**  
 Teeverchid Street, Khoroo  
 2, Sukhbaatar District Jiguur Grand  
 Office Center Corp A, 9th Floor,  
 Ulaanbaatar 14253, Mongolia  
 ☎ +976-11-7011 7773, 74,75  
 ✉ info@ictmongolia.mn

**Bangladesh**  
 House: 118, Road: 2,  
 Flat: A1, A Block,  
 Niketan, Gulshan 1,  
 Dhaka - 1212, Bangladesh  
 ☎ +88 01612383210  
 ✉ bangladesh@ictonline.com

**Australia**  
 14 Adensfield CT,  
 Cooroibah QLD 4565,  
 Australia  
 ✉ australia@ictonline.com

**Nepal**  
 Babarmahal, Kathmandu,  
 Nepal  
 ✉ eoi@ictonline.com

# AWARDS & ACCOLADES



Assocham Award for Design & Project Management Consultancy for Bundelkhand Expressway, 2023



Niryat Shree Award for Outstanding Export Service Provider, 2023



Assocham Award for Leading PMC and Engineering Consultants for Airports, 2023



IEI Industry Excellence Award in the category of 'Engineering Services and Consultancy', 2022



FIDIC Projects Award 2022 for Atal Tunnel in the Category 'Highly Commended for Transportation – Tunnel', 2022



Autodesk Imagine Award in the field of Architecture, Engineering & Construction and 'Design Innovation in Building' for Mumbai Metro Line 3, 2022



ICT received the 'Best Employer Brand Award 2022' by the HR Professionals



Niryat Shree Award for Outstanding Performance in Consultancy Services during 2009-2010



ERA Award Diamond Category Geneva, 2013



The Arch of Europe for Quality and Technology in Gold Category, 2011



Niryat Shree Award and Silver Trophy for Outstanding Export Performance in Consultancy Services during 2000-2001



International Bentley Award for Design Excellence in 2005

# EXPRESSWAYS AND HIGHWAYS



## Featured Services

- ❖ Strategic Option Studies
- ❖ Techno-Economic Feasibility Studies
- ❖ Master Plan
- ❖ Preliminary and Detailed Design
- ❖ Tender Assistance
- ❖ Construction Supervision
- ❖ Project Management Consultancy
- ❖ Independent Engineer/Authority's Engineer
- ❖ Contract Management
- ❖ Operation and Maintenance



India: Yamuna Expressway (6/8 Lane, 166.537Km)  
Scope: Detailed Design & Project Management



India: Vadodara-Mumbai Expressway (8 Lane, 473Km)  
including Tunnel, Length (4.16Km)  
Scope: Feasibility Study, Preliminary Design & Detailed Design



Vietnam: Ben Luc-Long Thanh Expressway (4 Lane, 58Km), ADB funded  
Scope: Design Review & Construction Supervision under  
FIDIC Conditions of Contract



Nepal India Regional Trade and Transport Project, World Bank funded  
Scope: Road Safety Audit, Feasibility Study, Detailed Design  
including 2 Lane Single Tube Tunnel &  
Construction Supervision under FIDIC Conditions of Contract



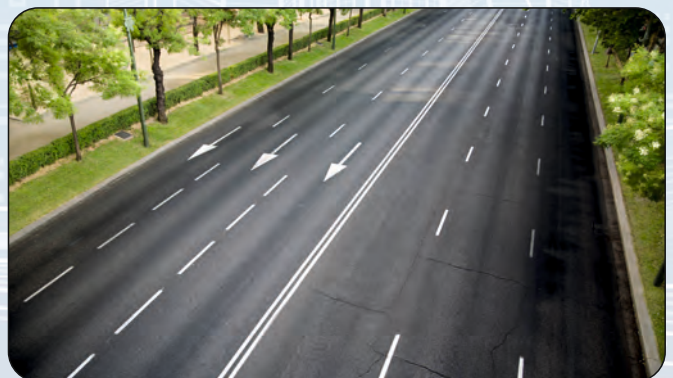
India: Bundelkhand Expressway (4/6 Lane, 296.06Km)  
Scope: Authority's Engineer for Construction Supervision



Bangladesh: South Asia Sub-Regional Economic Cooperation Road  
Connectivity Project (4 Lane, 70Km), ADB funded  
Scope: Construction Supervision under FIDIC Conditions of Contract



Mongolia: Western Regional Road Corridor Investment Program  
(2 Lane, 232.24Km), ADB funded  
Scope: Construction Supervision under FIDIC Conditions of Contract



India: NH 8, Surat-Dahisar Section (6 Lane, 239Km)  
Scope: Independent Engineer/Construction Supervision



Moldova: Road Rehabilitation Project-IV (83Km), EBRD funded  
Scope: Construction Supervision under FIDIC Conditions of Contract



India: NH-98, Anisabad Aurangabad Hariharganj Section (154.625Km), World Bank funded  
Scope: Construction Supervision under FIDIC Conditions of Contract including Performance Based Maintenance



India: Nagpur-Mumbai Super Communication Access Controlled Expressway (6 Lane, 36.883Km) including 3 lane Twin Tube Tunnels of length 928M and 463M  
Scope: Authority Engineer for Construction Supervision



Uganda: Upgrading of Koboko - Yumbe Moyo Road (103.08Km)  
Scope: Design Review and Construction Supervision

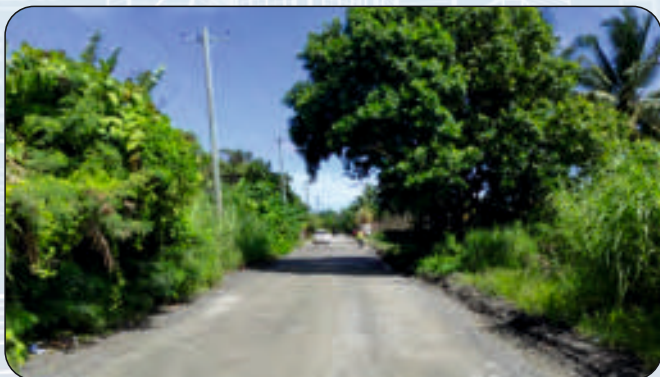




Ghana: Fufulso-Sawla Road Project (147.50Km), AfDB funded  
Scope: Construction Supervision



India: NH 22, Zirakpur-Parwanoo Section (4/6 Lane, 28.4Km)  
Scope: Independent Engineer/Construction Supervision



Micronesia: Climate Resilience Improvement Works for Identified  
Road Network Assets, World Bank Funded  
Scope: Detailed Design and Construction Supervision



Tanzania: Tanga-Horohoro (65Km), MCC funded  
Scope: Construction Supervision under FIDIC Conditions of Contract



India: Delhi-Vadodara Access Controlled Greenfield Expressway (Package 3,5 & 10), (8 Lane, Total Length 198.27Km) including 4 lane Twin Tube underground Tunnel for a length of 3.65Km under Package 10  
Scope: Authority Engineer for Construction Supervision



Bangladesh: South Asia Sub-regional Economic Cooperation (SASEC) Dhaka-Sylhet Corridor Road Investment Project (4 lane, 222Km), ADB Funded  
Scope: Construction Supervision

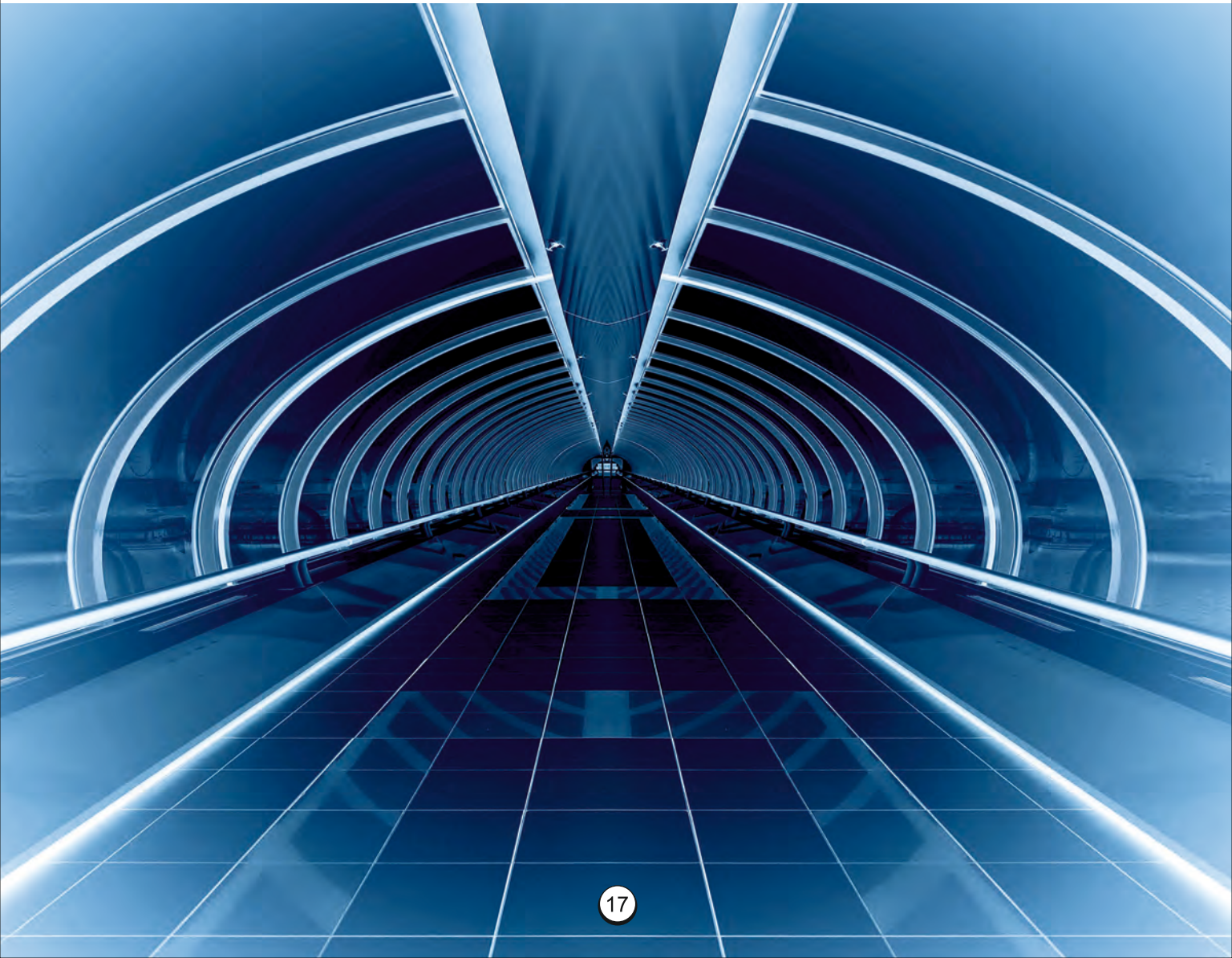


India: NH-31 (New NH-20) Rajauli-Bakhtiyarpur (4 lane, 98.12Km)  
Scope: Independent Engineer for Construction Supervision



Kenya: A104 Highway from James Gichuru Road Junction to Rironi, (6 Lane, 25.346Km), World Bank Funded  
Scope: Design Review and Supervision under FIDIC Conditions of Contract

# TUNNELS



### Featured Services

- ❖ Planning and Feasibility Studies
- ❖ Conceptual Design
- ❖ Detailed Engineering Design (TBM/NATM)
- ❖ Construction Supervision/Project Management (TBM/NATM)



India: Atal (Rohtang) Tunnel, Length - 9.02Km World's longest Single Tube Bi-directional Tunnel at an altitude of 3000M above MSL  
Scope: Construction Supervision



India: Zojila Tunnel (Length-13.145Km)  
Asia's longest Single Tube Bi-Directional Tunnel at an altitude of 11578 ft. above MSL  
Scope: Authority Engineer for Construction Supervision



India: Z-Morh Tunnel (Length-6.412Km)  
Single Tube Bi-Directional Tunnel  
Scope: Independent Engineer for Construction Supervision



India: NH-21, Pandoh Bypass -Takoli Section  
(Single & Twin Tube Tunnels, Total Length-11.638Km)  
Scope: Independent Engineer/Construction Supervision



India: NH-47, Vadakkancherry-Thrissur Section  
 (Twin Tube Tunnels, Total Length-1.925Km)  
 Scope: Independent Engineer for Construction Supervision



India: Mumbai Metro Line-3, Underground Corridor (UGC-03)  
 (TBM Tunnel of Total Length-7.57Km)  
 Scope: Detailed Design & Design Support during Construction



India: NH-22, Shimla Bypass, Kaithlighat-Dhalli Section  
 (Twin Tube Tunnels, Total Length -5.292Km)  
 Scope: Feasibility Study & Detailed Design



India: Aerocity to Tughlakabad Corridor Phase-IV Delhi MRTS, DC-09  
 Scope: Detailed Design including 5Km Twin Tube TBM Tunnel



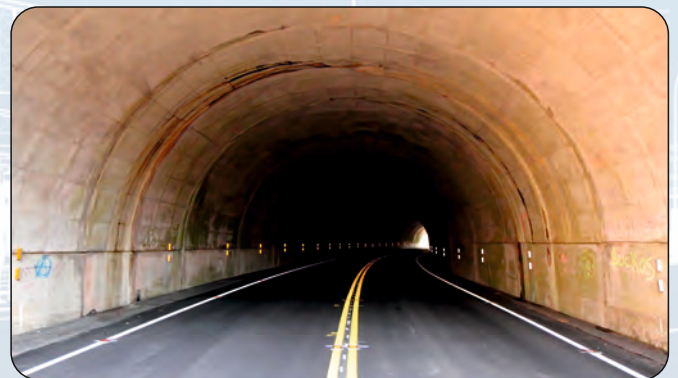
India: NH-21 Kiratpur to Nerchowk Section  
 (Single Tube Tunnels, Total Length-4.820Km)  
 Scope: Independent Engineer for Construction Supervision



India: NH-44, Ramban Banihal Section (Total Length-14.687Km)  
 Scope: Feasibility Study, Detailed Design & Construction Supervision



India: Dwarka Expressway  
 (8 Lane Shallow cut and cover Tunnel, Length-3.6Km)  
 Scope: Authority Engineer for Construction Supervision



India: NH-88, Shimla to Matar Section  
 (Single & Twin Tube Tunnels of Total Length-15.876Km)  
 Scope: Feasibility Study & Detailed Design

# BRIDGES AND OTHER STRUCTURES



## Featured Services

- ❖ Cable-Stayed; Extradosed; Suspension/Truss; Arch; Acrow and Balanced Cantilever Bridges
- ✦ Geotechnical/Hydraulic Investigations
- ✦ Inventory and Condition Survey
- ✦ Feasibility Studies
- ✦ Inspection of Bridges
- ✦ Bridge Health Monitoring System
- ✦ Preliminary Engineering Design
- ✦ Detailed Engineering Design
- ✦ Design of River Training & Protection Works
- ✦ Prepare Launching Schemes & Construction Methodology
- ✦ Diversion Schemes for Traffic and Flow of Water
- ✦ Design Review
- ✦ Construction Supervision
- ✦ Operation and Maintenance



Bangladesh: Paira Bridge (4 Lane, 1.47Km - Extradosed), KFAED funded  
Scope: Detailed Design, Bid Management & Construction Supervision



India: Phaphamau Bridge over River Ganga (6 lane, 3.839Km-Extradosed)  
Scope: Feasibility Study, Detailed Design & Construction Supervision



Tanzania: Wami Bridge, Length 513.50M  
Max. Span 120M Pier Height 58M  
Scope: Feasibility Study & Detailed Design



India: Elevated Extradosed Structure (6 Lane, 7.621Km)  
DND Maharani Bagh to Junction with Jaitpur Pushta Road  
Scope: Independent Engineer for Construction Supervision





India: Sone Bridge (3.06Km)  
Scope: Project Management Consultancy



India: Uttarakhand Disaster Recovery Project, World Bank funded  
Scope: Detailed Design  
Introduced India's First Two Way Acrow Bridge of 60M



Myanmar: Tamu Kyigone Kalewa Road Section of  
Trilateral Highway  
Scope: Detailed Design of 69 Bridges



Ghana: N1 Highway (6 lane, 14Km), MCC funded  
Scope: Design & Construction Supervision including  
Trumpet Interchanges



India-Extradosed PSC Bridge over River Brahmaputra, (4 Lane, 3.6Km)  
Scope: Project Management Consultancy



India: Bakhtiyarpur Bridge (4 Lane, 5.55Km)  
Scope: Independent Engineer for Construction Supervision

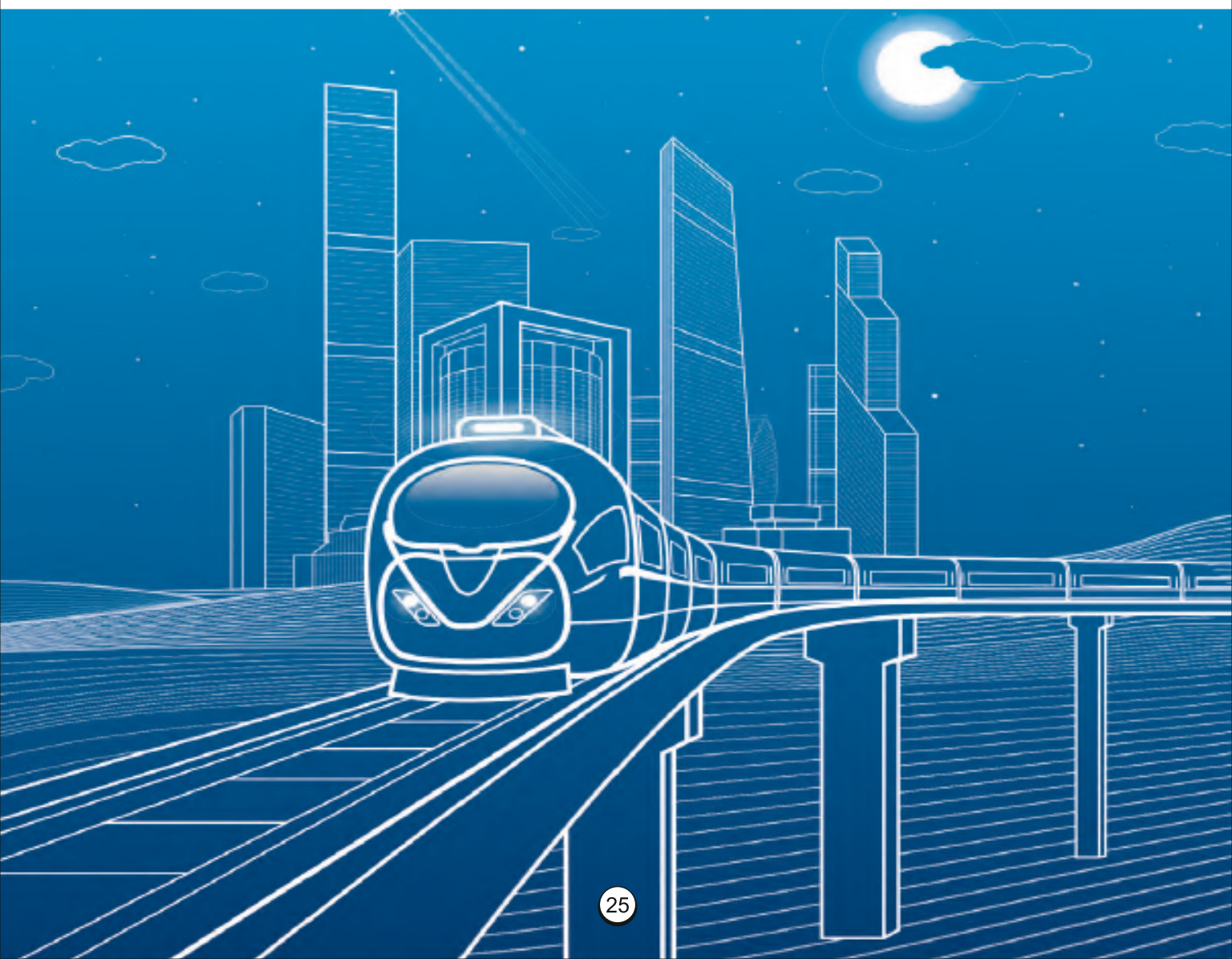


India: Jaitpur Pushta (6 lane, 51Km)  
Scope: Independent Engineer for Construction Supervision including Elevated Structures



India: Bridge Inventory and Condition Survey  
Scope: Collection & Analysis of Bridge Inventory & Condition by Mobile Bridge Inspection Unit of 850 nos. of Bridges

# RAILWAYS AND METRO RAILS



## Featured Services

### ❖ Railways

- ✦ Technical Feasibility Studies & Preliminary Design
- ✦ Detailed Design
- ✦ Pre Bid & Post Bid Design Services for Contractors
- ✦ Design Review
- ✦ Construction Supervision/Project Management

### ❖ Metro Rails (Underground Stations, Elevated Stations, Interchange Stations, Viaduct and Ramp, TBM Tunnel and Cut & Cover Tunnel, Depot/workshop Building)

- ✦ Architectural, Structural & MEP Design
- ✦ Tender Design, Detailed Design & Proof Checking of Design of Metro Structures



India: Rail link between Rishikesh & Karanprayag  
(Package 2 & 5) (Length: 25.06Km)  
Scope: Detailed Design & Project Management



India: High Speed Rail Corridor (New Delhi-Kolkata)  
(Length: 1474.48Km)  
Scope: Feasibility Study/Preliminary Design



India: Western Railway Construction  
Scope: General Consultancy



India: Bhopal Itarsi Section of West Central Railway  
(Length: 83.570Km)  
Scope: Project Management



India: Eastern Dedicated Freight Corridor Project  
(Khurja-Dadri Section) (Length: 94.56Km), World Bank Funded  
Scope: Project Management Consultancy under FIDIC Conditions of Contract



India: Janpath & Mandi House Metro Stations (CC01)  
Scope: Detailed Design



India: Jaipur Metro Project (JP/EWC3)  
Scope: Detailed Design



India: Mumbai Metro Rail Project Line 3 (UGC-05)  
Scope: Detailed Design



Mongolia: Bogdhan Railway Bypass Investment Program-01  
(Length: 166.44Km, including 3 Tunnels of Length 15.16Km), ADB funded  
Scope: Alignment Study



India: Bhuj and Rajkot Railway Station  
Scope: Authority Engineer for Construction Supervision



Nepal: Tamsariya-Butwal Section of  
Mechi-Mahakali Railway & Bhairahawa (Lumbini) Link (Length: 107.8Km)  
Scope: Detailed Survey, Design & Bidding Documents



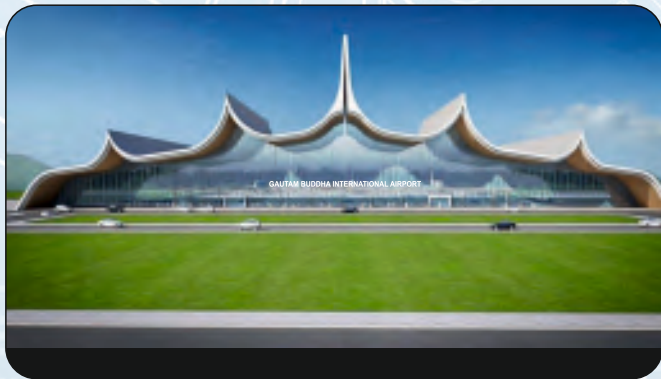
India: Chennai Metro Rail Project (UAA-01 & UAA-05)  
(Tunnel Length 5.7Km & 11.36Km)  
Scope: Detailed Design

# AIRPORTS AND AVIATION SYSTEM



### Featured Services

- ❖ Master Planning (City/Air Side Development; Land Use Plans for Operational & Commercial Development) of Greenfield & Brownfield Development of Airports)
- ❖ Pre-Feasibility Studies
- ❖ Planning and Design of Architecture & Structures of Airside, Cityside assets including Passenger Terminal Building
- ❖ Detailed Design
- ❖ Construction Supervision
- ❖ Project Management
- ❖ Multi Year Tariff Planning and Financial Viability of Operations of Airports to include Economic Regulatory Authority of India (AERA) related studies
- ❖ Lender Independent Engineer Services



Nepal: Terminal Building (T2) of GBAUP at Bhairahawa  
Scope: Detailed Design & Construction Supervision



Nepal: Tribhuvan International Airport, Kathmandu, ADB funded  
Scope: Construction Supervision



India: Shirdi Airport  
Scope: Project Management Consultancy

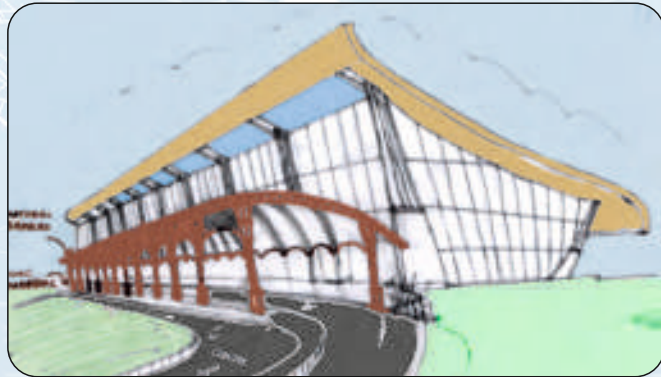


Afghanistan: Kabul International Airport  
Scope: Design & Supervision





Lesotho: Moshoeshoe 1 International Airport  
 Scope: Economic Feasibility, Detailed Engineering Design  
 & Airport Master Planning



India: Chandrapur Greenfield Airport  
 Scope: Planning & Designing



India: Greenfield Airport at Hirasar, Rajkot  
 Scope: Project Management Consultancy Services



Tanzania: Eleven (11) Airports, World Bank funded  
 Scope: Feasibility Study, Detailed Engineering Design  
 including Master Plans



Somaliland: Hargeisa & Berbera Airports Improvement Project, KFAED funded  
Scope: Detailed Engineering Design & Construction Supervision



Ghana: Tamale & Takoradi Airports  
Scope: Design & Construction Supervision



India: New Greenfield Airport at Itanagar  
Scope: Techno Economic Feasibility Study & Design including Master Plan



India: Vishakhapatnam International Airport  
Scope: Techno Economic Viability Study

# URBAN REGIONAL PLANNING AND SMART CITY SOLUTIONS

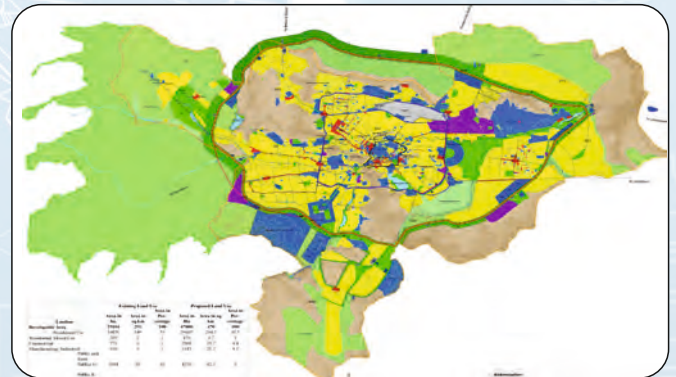


## Featured Services

- ❖ Regional Plans, Master Plan
- ❖ Integrated Strategic Urban Development Plan
- ❖ City Development Plans
- ❖ State & City Sanitation & Septage Management System
- ❖ City Investment & Business Plan
- ❖ GIS, Land Use Survey & Mapping
- ❖ Local Physical/Area Development Plan
- ❖ Heritage & tourism development plan
- ❖ Disaster Management Plan
- ❖ Transit Oriented Development Plan
- ❖ Urban Renewal Plan
- ❖ Climate Resilient Planning & Development
- ❖ Informal Settlement Improvement Plan
- ❖ Feasibility Studies
- ❖ Preliminary & Detailed Design



Kenya: Kenya Informal Settlements Improvement Project (KISIP) Cluster 1, WB funded  
Scope: Planning and Surveying



Afghanistan: Kabul Urban Reconstruction Project, World Bank funded  
Scope: Urban Development Planning & Training on Capacity Building



India: Jalandhar Smart City  
Scope: Project Management including Feasibility Study, Design Modeling, Construction Supervision & Contract Management



India: HRIDAY Amritsar  
Scope: Survey & Investigations, Detailed Architectural, Landscape, Structural & Engineering Designs



India: City Development Plan of Meerut  
 Scope: City Vision Formulation, Integrated Infrastructure Plan,  
 Spatial-Economic Development Strategy, Implementation Strategy,  
 City Business Plan & Financial Mobilization Plan



Kenya: Integrated Strategic Urban Development Plans for Cluster 1  
 Mombasa Town, World Bank funded  
 Scope: Integrated Strategic Urban Development Planning &  
 Capital Investment Planning



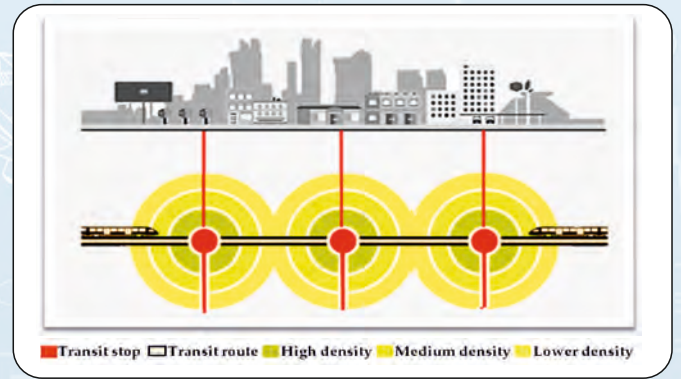
Ethiopia: Wereda Integrated Development Study, World Bank funded  
 Scope: Wereda Integrated Development Plan



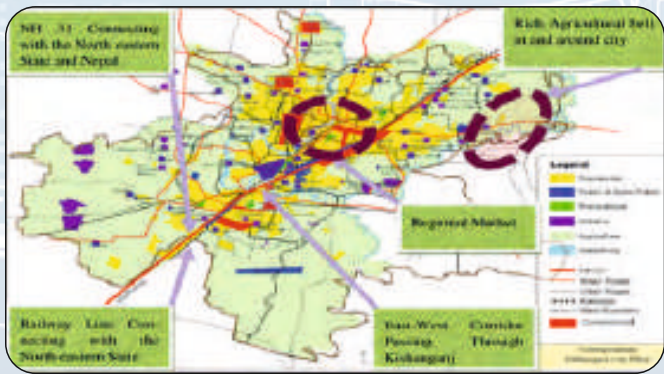
Kenya: Integrated Strategic Urban Development Plans for Cluster II  
 Malindi & Kitui Towns, World Bank funded  
 Scope: Integrated Strategic Urban Development Planning &  
 Capital Investment Planning



Mongolia: Third Ulaanbaatar Services Improvement Project,  
World Bank funded  
Scope: Feasibility Study & Preliminary Design



India: Mukundpur and Dwarka Sector-21 TOD NODES  
Scope: Preparation of Influence Zone Plan (IZP)



India: City Development Plan for 10 Cities in Bihar, DFID funded  
Scope: City Development Planning & City Investment Planning



India: City Development Plan 10 Cities, Madhya Pradesh  
Scope: City Development Planning & City Investment Planning

# TRAFFIC TRANSPORTATION AND ROAD SAFETY



## Featured Services

- ❖ Traffic & Transportation
  - ✦ Traffic Demand Studies & Traffic Forecasts
  - ✦ Comprehensive Traffic and Transportation Studies
  - ✦ Developing Travel Demand Model/Land use
  - ✦ Transport Model
  - ✦ Comprehensive Mobility Plan
  - ✦ Planning for Public Transport Systems
  - ✦ Transit Orient Development Studies
  - ✦ Regional Transport Master Plan
  - ✦ Traffic Management Plan
- ❖ Road Safety
  - ✦ Blackspot Investigation and Analysis for Rectification
  - ✦ iRAP Survey/ Data Coding/Star Rating
  - ✦ Developing Road Safety Policy
  - ✦ Road Safety Audit at various Stages of Road Development
  - ✦ Safer Road Investment Planning (iRAP)
  - ✦ Capacity Review for Road Safety Management



India: Road Safety Expert for NHA!  
Scope: Road Safety Audit (4/6 Lane, 1600Km), Investigations & designs for 506 Blackspot improvements, Institutional strengthening (Capacity Building/Training)



Tanzania: Multinational Arusha-Holili/Taveta-Voi Road Corridor Development Project (2 Lane, 56.5Km), AfDB funded  
Scope: Road Safety Audit, Road Safety Education & Campaign & Capacity Building



India: Assam State Roads Project (220Km), World Bank funded  
Scope: Road Safety Audit, Detailed Design for Blackspot Improvements, Capacity Building including Development of Road Safety Improvement Framework



India: Bloomberg Initiative for Global Road Safety, Road Coding in Mumbai  
Scope: Road Attribute Coding in accordance with the iRAP Survey & Coding Manual for Star Ratings and Investment Plans





Malawi: Blantyre Zomba Road Project (2 Lane, 60Km), AfDB funded  
 Scope: Accident Data Analysis, Identification of Blackspots, Road Safety Audit & Capacity Development



Ethiopia: Addis Ababa City Traffic Management, World Bank funded  
 Scope: Development of Traffic Management Policy & Plan, Public & Urban Freight Transport Development Strategy, Freight Legislative & Institutional Framework; Institutional Strengthening and Training



Tanzania: Baseline Traffic Counts, World Bank funded  
 Scope: Planning & Design of the Baseline Traffic Counts network in the country; Conduct Traffic Census & development of traffic factors



India: Intelligent Transport Systems for KSRTC, Mysore, World Bank funded  
 Scope: Monitoring and Evaluation of ITS System for the implementation of public transport bus services & the performance evaluation



**Bangladesh: Greater Dhaka Sustainable Urban Transport Project, ADB funded**  
 Scope: Planning & detailing of Transit Oriented Development including Parking Management, Traffic Enforcement & Development of NMT network



**Tanzania: Dar-es-Salaam Bus Rapid Transit (BRT) System Project**  
 Scope: Road Safety Audits of BRT corridor at all stages of implementation, Capacity Building & Road Safety Awareness Campaign



**India: Grand Trunk Road Improvement Project - Road Safety (Public Education)**  
 for Mumbai - Chennai Sections of Golden Quadrilateral, World Bank funded  
 Scope: Training to Awareness Raiser & Road Safety Awareness Campaign



**India: Himachal Pradesh Blackspot Improvement Program, World Bank funded**  
 Scope: Detailed Design & Bidding Documents for the Prioritized Engineering Interventions

# BUILDING AND ARCHITECTURE

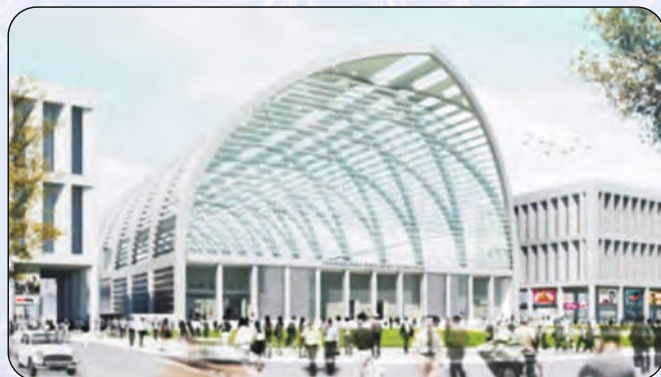


**Featured Services**

- ❖ Estimation & Costing
- ❖ Quantity Calculations
- ❖ Tender Document Compilation
- ❖ Concept Design
- ❖ Financial & Technical Feasibility
- ❖ Master Planning
- ❖ Feasibility Study
- ❖ BIM Models
- ❖ Good for Construction (GFC)



India: Rani Kamalapati Railway Station (Formerly known as Habibganj–Bhopal Railway Station) Country's First World-Class Railway Station  
Scope: Technical Feasibility Study & Master Plan



India: Chandigarh Railway Station  
Scope: Technical Feasibility Study & Master Plan



Bangladesh: Roads & Highways Department Headquarter  
13 Storied Building, ADB funded  
Scope: Construction Supervision



India: Information Technology Park at Manesar  
Scope: Construction Supervision & Project Management



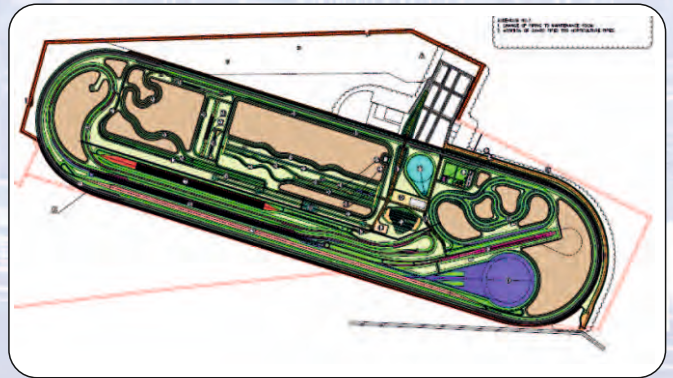
Somalia: Maakhir University Project, KFAED funded  
Scope: Detailed Design & Construction Supervision



India: Mumbai Metro Line 3 Underground Corridor (UGC- 03)  
Scope: Detailed Architectural Design of Underground Stations



India: Mumbai Sub-urban Railway Stations  
Scope: Detailed Planning of 23 Stations



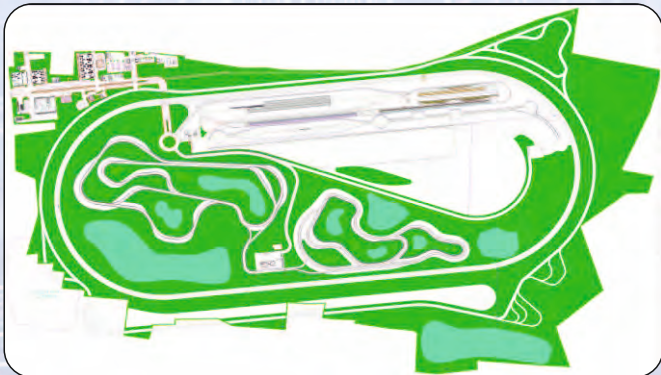
India: Maruti Suzuki India Ltd. (MSIL) Proving Ground Project  
Scope: Design & Project Management



India: Railway Stations of Lucknow Division under Amrit Bharat Station Scheme  
Scope: Architectural and Technical Consultancy



Yemen: Mukalla International Airport, World Bank Funded  
Scope: Construction Supervision of Terminal Building



India: Madras Rubber Factory (MRF) Proving Ground Project  
Scope: Design



India: Lalquila to Kashmere Gate Metro Stations (CC07)  
Scope: Detailed Design

# INSTITUTIONAL STRENGTHENING AND CAPACITY BUILDING



## Featured Services

- ❖ Institutional Development
  - ✦ Review of Formulation of Technical, Administrative, Financial & Legal Policy Framework
  - ✦ Economic & Financial Analysis
  - ✦ Development of Supporting Operating Processes
  - ✦ Review & Strengthening of Organizational Establishment
  - ✦ Review of Human Resource Management & Development functions
  - ✦ Supporting IT & MIS Functions & Applications
  - ✦ Designing of Implementation & Monitoring Processes
  - ✦ Development of PPP models to achieve short & long term objectives for growth of organisation
  - ✦ Development of mid-term review & corrective mechanism
- ❖ Capacity Development
  - ✦ Study & analysis of database
  - ✦ Training Need Assessment & Development of Training Program
  - ✦ Conduct Training
  - ✦ Midcourse Review & Modifications
  - ✦ Performance Reviews & Audit
  - ✦ Restructuring of Organisation



India: Odisha Road Sector Institutional Development, World Bank funded  
Scope: Institutional Development, Road Safety Strategy & Planning, Road Network Master Planning



Mongolia: Ulaanbaatar Urban Services & Ger Areas Development Investment Program – Tranche 2, ADB funded  
Scope: Program Management Support, Urban Planning, Community Engagement & SME Development Support & Feasibility Study



Vietnam: Road Asset Management Project, World Bank funded  
Scope: Institutional Support including preparation of Manual and Guidelines, Overseas Training



Tanzania: Restructuring of the Institutional Reforms for Ministry of Infrastructure, Communication & Transportation, AfDB funded  
Scope: Detailed Planning & Implementation



# TRANSACTION AND PROJECT FINANCE



## Featured Services

- ❖ Preparation of Public Private Partnership (PPP) Structure/ Model
- ❖ PPP Transaction Plan
- ❖ Development of the Transaction Documents
- ❖ Advisory support until the Financial Closure of the project



Kenya: Nairobi-Nakuru-Mau (A104 now A8) Highway, World Bank funded one of the largest PPP Projects of Africa  
Scope: Technical Feasibility and Transaction Advisory



India: Kempegowda International Airport Project, Bangalore  
Scope: Lender's Independent Engineer

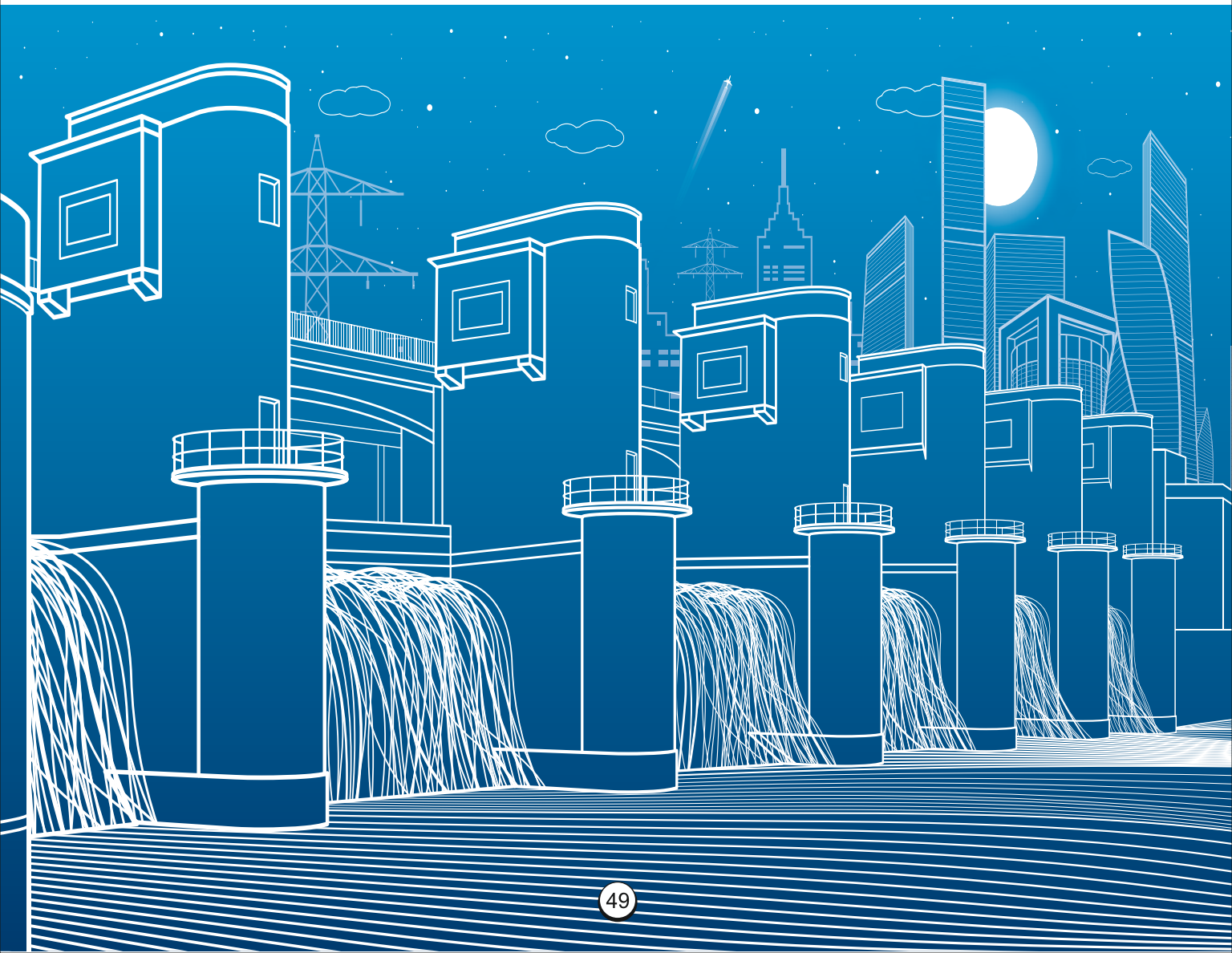


India: NH-229 (Nechipu – Hoi), Arunachal Pradesh  
Scope: Lender's Independent Engineer



India: New Greenfield Airport at Mopa in North Goa  
Scope: Techno Economic Viability

# WATER RESOURCES AND PUBLIC HEALTH ENGINEERING



### Featured Services

- ❖ Pre-feasibility Studies
- ❖ Feasibility Studies
- ❖ Detailed Project Report
- ❖ Detailed Engineering Design for civil, electro-mechanical & hydro-mechanical works for water sector projects
- ❖ Planning & Designing of Drainage System
- ❖ Project Management Consultancy
- ❖ Construction Supervision



Cambodia: Stung Sen River Basin Multi-Purpose Water Resources Development Project, KFAED funded  
Scope: Feasibility Study



Vietnam: Dam Rehabilitation and Safety Improvement Project, World Bank funded  
Scope: Project Implementation Consultancy



India: Multi Sector Infrastructure Rehabilitation Project (DSC-II), ADB funded  
Scope: Design & Construction Supervision



Micronesia: Omnibus Infrastructure Development Project, ADB funded  
Scope: Design & Construction Supervision

# ENVIRONMENTAL AND SOCIAL SCIENCES



## Featured Services

### ❖ Environment

- ✦ Environmental Screening & Scoping
- ✦ Preliminary & Detailed Environmental Impact Assessment
- ✦ Environment & Social Management Framework
- ✦ Formulation of Environmental Management Plan including Wildlife Conservation Plan
- ✦ Phytosociology/Biodiversity Study
- ✦ Statutory Clearances
- ✦ Project Implementation Assistance

### ❖ Social Science

- ✦ Social Analysis & Social Impact Assessment including Social Development Plan
- ✦ Poverty & Social Analysis
- ✦ Resettlement & Rehabilitation Planning, Regulations & Policies related to Land Acquisition
- ✦ Gender, Health & Child Labour Issues
- ✦ Labour Management Plan
- ✦ Stakeholders Engagement/Communication Strategy Planning
- ✦ Capacity Building & Institutional Arrangement
- ✦ Project Monitoring & Evaluation



India: Metro Corridor of New Delhi, Gurugram, Greater Noida, Bhubanaeswar, Ahmedabad & Thiruvananthapuram  
Scope: Environment Impact Assessment



Maldives: Regional Development Project Phase II, ADB funded  
Scope: Environmental Infrastructure & Management



Rwanda: Selected Feeder Roads, World Bank funded  
Scope: Review/Update & Prepare Environmental & Social Impact Assessment & Resettlement Action Plan



India: Agatti Airport  
Scope: Environment Impact Assessment Study





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**Corporate Headquarters** : A-8 & A-9, Green Park, New Delhi - 110 016, India

+91-11-40863000

✉ [business@ictonline.com](mailto:business@ictonline.com) 🌐 [www.ictonline.com](http://www.ictonline.com)