Dilip Buildcon's Multi-State ICT Integration Initiative.

ICT (Information, Communication & Technology) Business Unit

Dilip Buildcon Limited (DBL), a name synonymous with engineering excellence and nation-building, extends its diversified capabilities into the ICT (Information, Communication & Technology) domain through its 9th Vertical. The ICT Business Unit is envisioned as a future-ready, technology-driven arm that enables digital transformation across **telecom, urban infrastructure, education, healthcare, industry, and enterprise IT ecosystems**.

Leveraging DBL's proven strengths in large-scale project execution, EPC delivery, asset creation, and operations, the ICT vertical offers end-to-end solutions — from design and deployment to integration, operations, and lifecycle management. Our focus is on building resilient, secure, scalable, and intelligent digital infrastructure aligned with India's Digital Public Infrastructure (DPI) and global technology standards.

Sectors/Solution Categories

1. Telecom Infrastructure & Digital Connectivity
2. Smart Cities & Intelligent Urban Solutions
3. e-Education & e-Health Infrastructure, Products & Solutions
4. IT Infrastructure & Enterprise Technology Solutions
5. Industry 4.0 & Advanced Digital Manufacturing

1. Telecom Infrastructure & Digital Connectivity

Telecom Infrastructure & Digital Connectivity: DBL's ICT Business Unit plays a critical role in strengthening India's digital backbone by delivering **robust, scalable, and next-generation telecom infrastructure.** Our solutions span the entire telecom value chain — from passive infrastructure to active network deployment and last-mile connectivity.

Key Offerings

- **Telecom Towers & Passive Infrastructure**
  Design, construction, installation, and maintenance of telecom towers and associated passive infrastructure across urban, semi-urban, rural, and remote geographies.

- **4G, 5G & Future-Ready 6G Networks**
  Deployment of advanced mobile communication networks including RAN infrastructure, small cells, and network densification solutions to support high-speed, low-latency connectivity.

- **OFC Backbone Networks**
  Turnkey execution of Optical Fibre Cable (OFC) backbone projects covering survey, trenching (traditional and advanced techniques), ducting, laying, splicing, testing, and commissioning.

- **Last-Mile Connectivity & Internet Services**
  Fibre-to-the-Home (FTTH), Fibre-to-the-Enterprise (FTTE), and last-mile broadband solutions enabling inclusive internet access for households, institutions, and businesses.

"Enabling high-speed, low-latency, and inclusive digital connectivity across urban, rural, and remote geographies"

2. Smart Cities & Intelligent Urban Solutions

Smart Cities & Intelligent Urban Solutions - DBL's ICT vertical is a key enabler of smart and sustainable urban ecosystems. We design and implement integrated digital platforms that enhance urban governance, public safety, mobility, and service delivery.

Key Offerings

- **Smart Surveillance Systems**
  City-wide CCTV networks with AI-based video analytics for crime prevention, public safety, and situational awareness.
- **Integrated Traffic Management Systems (ITMS)**
  Intelligent traffic solutions including adaptive signals, ANPR systems, violation detection, traffic analytics, and centralized monitoring for congestion reduction and road safety.
- **Command & Control Centres (ICCC)**
  Integrated Command and Control Centres acting as the digital nerve-centre for smart cities, enabling real-time data aggregation, analytics, decision-making, and inter-departmental coordination.
- **Data Centres & Edge Computing Infrastructure**
  Design and deployment of secure, scalable data centres and edge facilities supporting smart city applications, IoT workloads, and mission-critical systems.
- **Cyber Security Solutions**
  End-to-end cyber security frameworks including SOCs, SIEM, network security, data protection, and compliance for urban digital assets.
- **IoT Devices, Platforms & Applications**
  Deployment of sensors, IoT platforms, and customized applications for utilities, environment monitoring, smart lighting, waste management, and citizen services.

"Driving intelligent, safe, and citizen-centric urban ecosystems"

3. e-Education & e-Health Infrastructure, Products & Solutions

e-Education & e-Health Infrastructure, Products & Solutions- DBL's ICT Business Unit is committed to enabling inclusive, accessible, and technology driven education and healthcare systems that bridge digital divides and improve service outcomes.

Key Offerings

- **e-Education Solutions**
  - Digital classrooms, smart boards, and virtual learning platforms
  - Campus-wide network infrastructure and Wi-Fi solutions
  - Learning Management Systems (LMS) and content delivery platforms
  - Remote learning, skill development, and digital assessment solutions
- **e-Health Solutions**
  - Hospital IT infrastructure and network systems
  - Telemedicine platforms and remote consultation solutions
  - Health Information Systems (HIS) and Electronic Health Records (EHR)
  - Medical IoT integration and remote patient monitoring

"Expanding access to quality education and healthcare through digital innovation"

4. IT Infrastructure & Enterprise Technology Solutions

IT Infrastructure & Enterprise Technology Solutions - DBL delivers comprehensive IT infrastructure and enterprise technology solutions that support digital transformation, operational efficiency, and business resilience.

Key Offerings

- **IT Infrastructure System Integration**
  End-to-end integration of compute, storage, networking, and security infrastructure.
- **IT Products & Solutions**
  Supply and deployment of enterprise-grade hardware, networking equipment, and end-user computing solutions.
- **Software & Application Services**
  Customized application development, enterprise software implementation, and system modernization.
- **Cloud Services**
  Private, public, and hybrid cloud solutions including migration, management, and optimization services.

"Enabling digital transformation, operational efficiency, and business resilience"

5. Industry 4.0 & Advanced Digital Manufacturing

Industry 4.0 & Advanced Digital Manufacturing - DBL's ICT vertical enables Industry 4.0 transformation by integrating digital technologies with industrial operations to enhance productivity, efficiency, and decision-making.

- **Key Offerings**

  - Smart factories and connected production systems
  - Industrial IoT (IIoT) platforms and sensor integration
  - Automation, robotics, and control systems
  - Data analytics, AI/ML, and digital twins
  - Predictive maintenance and asset performance management

"Transforming industrial operations through data-driven and intelligent technologies"

Building the Digital Infrastructure of Tomorrow

- **Building the Digital Infrastructure of Tomorrow:** Through its ICT Business Unit, Dilip Buildcon Limited is committed to building resilient digital infrastructure that powers connectivity, smart cities, digital services, and next-generation industries. We partner with governments, enterprises, and technology leaders to deliver impactful, scalable, and sustainable ICT solutions that support India's digital growth and global competitiveness.
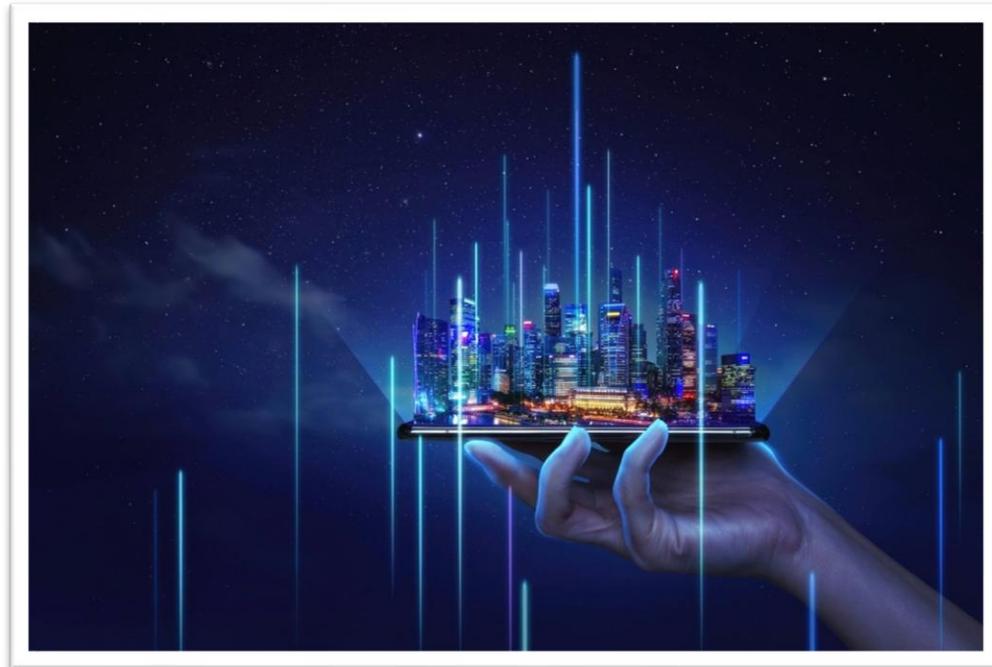
Bharat net
Project Phase 3

About Bharat Net Phase 3 :-

DBL-STL Consortium received the Project for "Design, Supply, Construction, Installation, Upgradation, Operation and Maintenance of Middle Mile Network from Bharat Sanchar Nigam Limited(BSNL) for Bharat Net Phase – III Project on 26th March 2025.

The BSNL Bharat Net Phase – III Broadband Connectivity Project in Jammu and Kashmir & Ladakh Telecom Circles is funded by Universal Service Obligation Fund (USOF) and the value of the **overall project is Rs. 2631.14 Cr. (including CAPEX, OPEX and GST)** to provide Middle Mile and Last Mile Optical Fiber Connectivity in Jammu & Kashmir and Ladakh regions.

The project will deliver to bridge Jammu and Kashmir & Ladakh region's digital divide by connecting over **4,318 Gram Panchayats** with high-speed internet, laying over **14,090 Kms of Underground and Aerial Optical Fiber Cables**, focusing on unserved areas and delivering a minimum of 100 Mbps bandwidth to each Gram panchayats (GPs). The Project Contract is for **10 years** that include 3 years of Execution & Deployment and further 7 years of O&M.
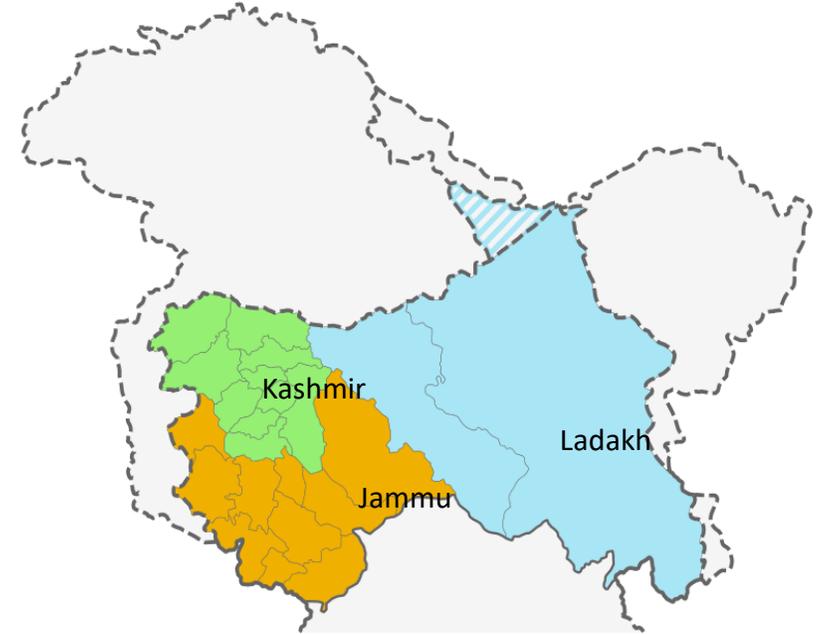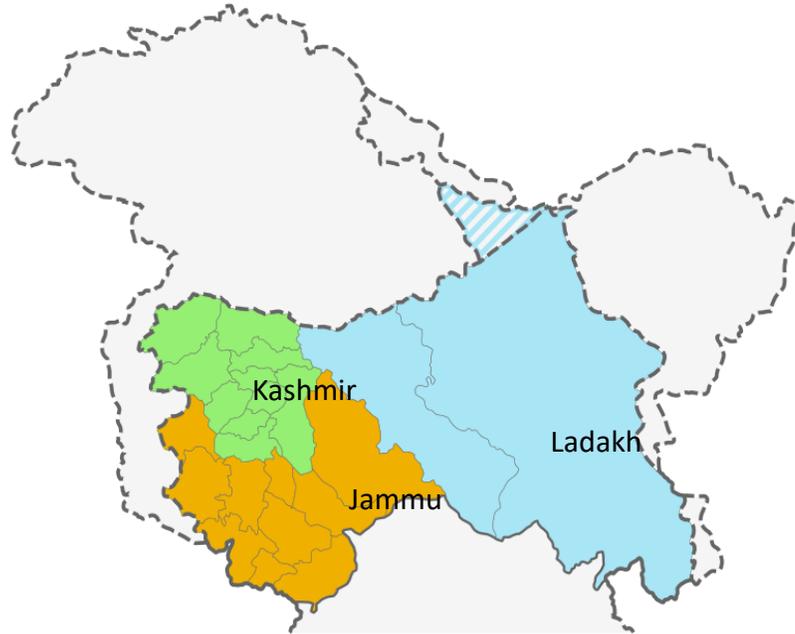
Under Construction project:-

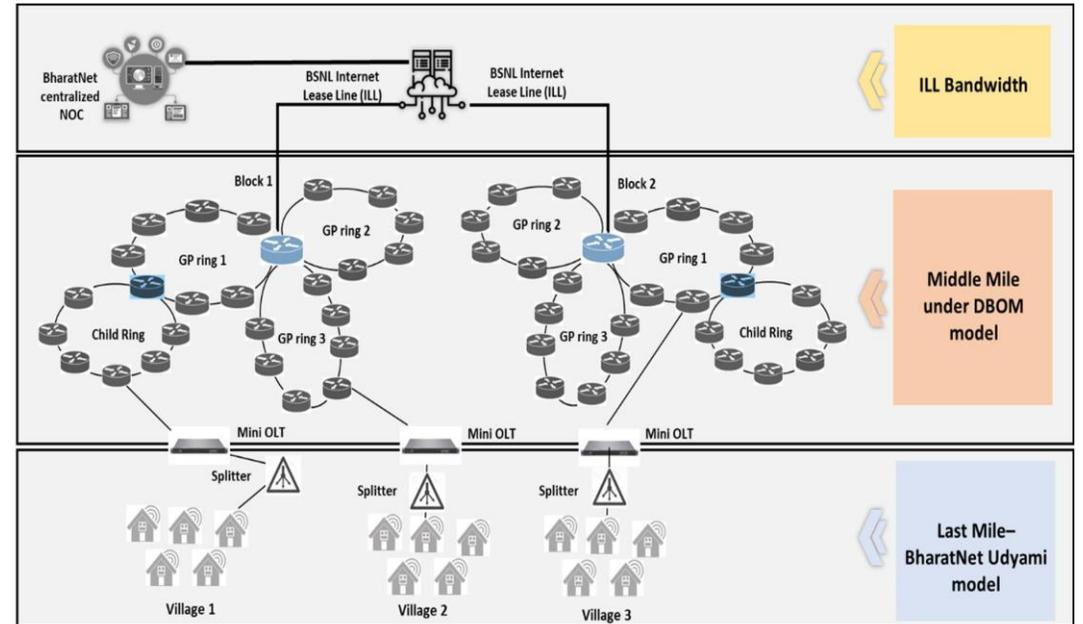**Name of Circle:** J&K and Ladakh

Package No: 13

Agreement Date: 11 June 2025

Total:
Block: 316
GP: 4493
Km: 14400

Jammu:
Block: 148
GP: 2119
Km: 6145

Kashmir:
Block: 137
GP: 2181
Km: 6325

Ladakh:
Block: 31
GP: 193
Km: 1930

Digital Bharat Nidhi

BHARATNET
समृद्ध ग्राम, समर्थ भारत

BSNL
Connecting Bharat
Securely • Affordably • Reliably

DILIP BUILDCON LIMITED
INFRASTRUCTURE & BEYOND

Kashmir

Jammu

Ladakh

BharatNet centralized NOC — BSNL Internet Lease Line (ILL) — BSNL Internet Lease Line (ILL) — ILL Bandwidth

Block 1 — GP ring 2 — GP ring 1 — Child Ring — GP ring 3 — Block 2 — GP ring 2 — GP ring 1 — GP ring 3 — Child Ring — Middle Mile under DBOM model

Mini OLT — Splitter — Village 1 — Village 2 — Village 3 — Last Mile– BharatNet Udyami model

Foundation stone for SNOC & Administrator visit

- **Adverse Strata :-**

Machine Deployment:-

Pingiari

HDD Deployment

OFC WORK IN PROGRESS MEN AT WORK

BHARAT-NET-PHASE III
THANKS FOR YOURS COOPERATION
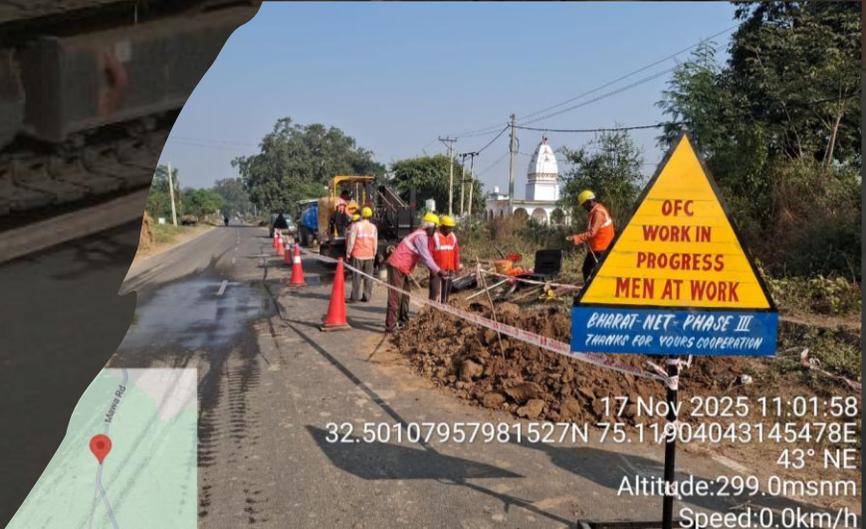
17 Nov 2025 11:01:58
32.50107957981527N 75.119040431454780E
43° NE
Altitude:299.0msnm
Speed:0.0km/h

HDD DEPLOYMENT 2

Pingiari
Pingiari 181201, Pingiari, 181201,
Lat 32.903742° Long 74.631511°
Tuesday, 16/12/2025 10:01 AM GMT +05:30

GPS Map Camera

Live monitoring & depth analysis :

Thank you