Presentation to

General Manager NC Railway

By

Suresh Kumar
Executive Director/RailTel
In pursuance of National Telecom Policy 1999, and opening of Telecom sector, RailTel was created as Schedule ‘A’ PSU on 26th SEP’2000.

**Objectives:**

- To facilitate Railways in expeditiously modernizing train operation and safety systems by providing state of art communication network infrastructure.
- To develop, operate and maintain a nationwide broadband telecom and multimedia network to supplement national telecom infrastructure in all parts of country specially rural, remote and backward areas.
- To generate revenue through commercial exploitation of its surplus capacity.
Introduction

• Revised Agreement with Rlys Signed in Oct 2006 for 30 yrs
• Exclusive Right of Way along Railway route & land to RailTel.
• RailTel to pay 7% revenue share to Rlys in lieu of RoW.
• Authorised capital ₹ 1000 Cr., Paid up capital ₹ 321 Cr. (seed ₹ 15 Cr. & ₹ 306 Cr. by assets).
• Provide Bandwidth, data, internet & value added services to Rlys
• Dividend paying Company since FY 2008 & Debt Free (Loan of ₹ 400 Cr. taken from IRFC/SBI has been repaid).
• Holds National Long Distance (NLD), Internet service provider (ISP), International long distance (ILD) licenses and IP-1 registration from DoT.
• Revenue share of 8% payable to DoT.
Growth of Revenue of operations

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<tr>
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</thead>
<tbody>
<tr>
<td>NLD Services</td>
<td>ISP Services</td>
<td>IP-1 Services</td>
<td>Railway Projects Works</td>
<td>Other Projects</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Rs. In Lakh)
Organizational Structure

CORPORATE OFFICE (GURGAON)

Eastern Region (Kolkata)
- Territories
  - Kolkata
  - Guwahati
  - Patna
  - Bhubneshwar
  - Raipur

Northern Region (New Delhi)
- Territories
  - Delhi
  - Chandigarh
  - Lucknow
  - Jaipur
  - Allahabad

Southern Region (Secunderabad)
- Territories
  - Secunderabad
  - Chennai
  - Bangalore
  - Ernakulam

Western Region (Mumbai)
- Territories
  - Mumbai
  - Ahmedabad
  - Bhopal
  - Pune
Network Infrastructure

- OFC along IR network – 50000+ RKM
- OFC connectivity at – 5500+ Rly stn. (600+ stations on long haul)
- 3 Layer Network (Core, Distribution, Edge)
- High capacity backbone – 25,000 KM across 100 cities (n x 100G & n x 10G capacity)
- Data Network (80 Core & 400 edge location)
- Tier 3 Data Centre at Gurugram & Hyderabad
- CNOC at Delhi & 4 NOCs (Mumbai, Delhi, Kolkata & Secunderabad)
Services Portfolio

National Long Distance
INTERNET SERVICE PROVIDER
IP-1

MANAGED LEASE LINE
NLD VOICE CARRIAGE
MPLS-IP VPN
DEDICATED INTERNET
TOWER, RACK & SPACE COLOCATION
DARK FIBER
ICT PROJECTS (National/International)

TELCONS
ENTERPRISE
ISPs
GOVT/PSUs
INSTITUTES
UNIVERSITY
BANKS
SMEs

TELCONS
ISPs
MSOs
Data Center (Tier-III certified)

- Uptime USA Design Tier-III Certification
- 8th Data Center in India to be Tier-III certified

Services:
- Co-location Hosting
- Managed Services
- Cloud computing Services
- Disaster Recovery Sites
- Other related services
- Internal use (ERP)

Data Centers at
- SECUNDERABAD
- GURGAON
Services to Railways

• OFC laying projects (as per pink book)
• Nation-wide Railway backbone network with STM-4/600Mbps capacity.
• Railway Station Wifi (1600+ at present)
• MPLS Data Network for IPAS, TMS, UTS, FOIS, AFRES, COIS, etc.
• MPLS VPN for Railnet aggregated to over 14 Gbps capacity and Internet to over 10 Gbps capacity
• RailCloud in Data Centre.
• Managing Mobile CUG connection for 3.8 Lac employees.
• NLD for Railway exchanges on RailTel’s NGN.
• DSLAMs for Broadband at Railway colonies with 30,000 connections.
• eOffice Project, RDN, CDN Projects
Station Wi-Fi

- Agreement with Google for Technology & Radio Access NW.
- RailTel to build OFC access N/W at Stns & provide IBW & ISP services
- 60 Lacs variable users per month with 15000 daily new additions.
- Small stations under CSR
- 2700+ completed
RailTel incorporated a wholly owned subsidiary Company in August, 2014 by the name “RailTel Enterprises Limited” (REL).

With Objective to diversify into ICT project segment as a System Integrator and to exploit the capabilities and experience gained by RailTel for expanding activities in project execution works for telecom and signaling.

With Aim to be one of the leading System Integrator in the country working in the field of ICT

IT Business Revenue for FY 2018 – 19 is 35 to 40 Cr.
REL Signaling Unit has been awarded the first-ever Signalling Work of Indian Railways @ total cost of **Rs. 86.32 Cr (approx.).**

REL has also been assigned the Project for Execution of European Train Control System in 4 Sections of 4 Different Zones over 641 km at cost of 1800 Cr. It will help reduce congestion in rail network and increase line capacity, help to increase average speed of trains due to automation of train operations and enhance safety.
Business Areas

Enterprise Business
- Telco’s, MSO’s, MNC’s
- MPLS Data Network
- Data Center & Application services (Tier-III- Hyd & Ggn)
- Telepresence as a Service (opex model)
- System Integration (Project Business in ICT)

Government Segments
- State Govt. (Haryana, MP, Kerala, Maharashtra, AP, Telangana & Goa.)
- Central Ministries (Health, MHRD, Labour, MHA, Rlys)
- Industries (Coal, Oil & Gas, Airport, BFSI, etc.)

Retail Segment
- ‘RailWire’ Broadband services in Partnership with LCOs (Approx 100,000+ active subscribers)
- WiFi at Rly Stns
Tele-presence as a Service (TPaaS)

- **Tele-presence** as a service enables video conferencing without any Capex & end to end responsibility by RailTel.
- TPass is a High Definition Video conferencing facility.
- Extended through MPLS network with high capacity (min 4Mb).
- Deployed for CBEC, CPSUs, Courts, Railways, etc.
- Extensively used for inauguration of Rly facilities (110 events with over 300 remote sites done)
RailTel’s Role in Nation Building Projects

• One of the 3 partners in the phase 1 of Bharatnet (erstwhile National Optical Fiber Network) project. **Scope 10900 GPs (32396 KM)**

• Laying fiber network in 6 North-East States under USOF (DoT). Scope (Ph-I) **11300 KM**

• Lead creator of National Knowledge Network (NKN) connecting IITs/IIMs and R&D institutions. **Total 694 links commissioned.**
RailTel’s Footprints Beyond the Borders ::

Built SASEC Information Highway Project – Bhutan
South Asia Sub-Regional Economic Cooperation SASEC – Commissioned in Feb 2014

RailTel’s Footprint in International Business.. For the 1st Time
$1.2 Million
Railwire

- Broadband services for SMEs/ households.
- In collaboration with Local Cable operators & MSPs
- Suitable model for high speed rural connectivity.
- 105,000+ customers presently.
CSR Projects

- **30 Students** (talented but underprivileged) trained for IIT-JEE exams at Dehradun.
- Lodging, Boarding & Training for 11 months by RCIL
- 2 batches – 12 nos. in IIT, 24 in NIT/IIIT and all others in State Govt./Premier colleges admitted.

**CRIC (Community Resource & Information Center)** started in 5 villages of Rohtak for ‘Digital Literacy’ – over 2000 beneficiaries

**IT Infra** across approx. 200 rural primary schools with desktop, printers & broadband provided

Primary school, Imaliya MP
Key Achievements

• RailTel diversified in Govt. & enterprise segment with ICT & System Integration Business.

• Conferred Mini Ratna (Category-I) status by the Govt. in May, 2012

• Received “Excellent” MoU Rating since last 4 years (2012-13, 2013-14, 2014-15, 2015-16 and 2016-17).

• Paid back to Rly total ₹ 375 Cr. (₹ 207 Cr. as rev share & ₹ 168 Cr. as Dividend)

• Average per Employee contribution Rs. 1 Cr. + to turnover and Rs. 30 Lacs to PBT.

• Implemented ERP in 11 months across all departments & offices ensuring transparency & efficiency.

• Created a subsidiary ‘RailTel Enterprise Ltd.’ to take up ICT & Railway projects.

• Own building created in Gurgaon. CNOC at Shastri park (Delhi Metro). Space at NBCC, Kidwai Nagar for Corporate Office (near to Central Delhi).
• **50+ awards in last 5 years** from Industry.
• **Times Ascent** (Best HR Practice), **SCOPE** (Best Social PR), **ET Telecom** (Best Carrier, Best CSR), **Voice & Data** (Railwire & TPaaS services), **ICAI** (Cost Management)

**World Bank** in its report on “Attracting Capital for Railways in China” included **RailTel as a powerful example in India** of a public utility for successfully monetization & infra sharing of telecom assets.
• **Oracle Inc** recognized RailTel as best Govt. organization in India to implement ERP in 11 months
Present Segment wise Income Distribution

Distribution in FY 10
- Telco: 42%
- Enterprises: 8%
- Railways: 32%
- Government: 10%
- Other: 3%

Distribution in FY 19
- Railways/MSO: 11%
- NI/Project Business: 15%
- Enterprises: 17%
- Government: 12%
- Telco: 17%
- Other: 3%
- Railways: 10%
- NIC/NKN: 16%
Digital India Initiative - Railwire Saathi

- A concept to promote digital literacy
- Capex from USOF required (as a pilot already 200 stn. WIP)
- Railwire Saathi stalls proposed at approx. 4000 rural stations.
- Railways to provide space free/nominal value.
- To employ VLE (Village Level Entrepreneur) for management.
- VLEs shall facilitate digital literacy and help various people in availing e-Gov services like Jandhan, Siksha, Skill India and Agricultural services.
Building high capacity, high quality National Digital Infrastructure

Bridging Digital Divide across India
Major Digital Project Status for NCR
## RailTel OFC Network in NCR

### Allahabad Division

<table>
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<tr>
<th>SN</th>
<th>Section</th>
<th>RKM</th>
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<tbody>
<tr>
<td>1</td>
<td>Ghaziabad-Aligarh-Tundla</td>
<td>184</td>
</tr>
<tr>
<td>2</td>
<td>Shikohabad-Tundla-Agra</td>
<td>66</td>
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<tr>
<td>3</td>
<td>Shikohabad-Rura-Panki-Kanpur</td>
<td>194</td>
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<tr>
<td>4</td>
<td>Kanpur-Allahabad</td>
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<td>5</td>
<td>Allahabad-MGS</td>
<td>153</td>
</tr>
<tr>
<td>6</td>
<td>Allahabad-Manikpur</td>
<td>95</td>
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<tr>
<td></td>
<td><strong>Total RKM</strong></td>
<td><strong>884 Km</strong></td>
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### Agra Division

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<th>SN</th>
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<tbody>
<tr>
<td>1</td>
<td>Palwal-Mathura-Agra</td>
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</tr>
<tr>
<td>2</td>
<td>Idgah-Bayana</td>
<td>81</td>
</tr>
<tr>
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<td><strong>Total RKM</strong></td>
<td><strong>219 Km</strong></td>
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### Jhansi Division

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<tbody>
<tr>
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<td>Agra-Gwalior</td>
<td>118</td>
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<tr>
<td>2</td>
<td>Gwalior-Lalitpur-Bina</td>
<td>250</td>
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<tr>
<td>3</td>
<td>Kanpur-Jhansi</td>
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<td><strong>Total RKM</strong></td>
<td><strong>588 Km</strong></td>
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<tr>
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<td><strong>Total RKM</strong></td>
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### OFC commissioned/being commissioned by RailTel

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<th>SN</th>
<th>OFC Section</th>
<th>RKM</th>
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<tr>
<td>1</td>
<td>JHS-Mahoba</td>
<td>138</td>
</tr>
<tr>
<td>2</td>
<td>Mahoba-Manikpur</td>
<td>154</td>
</tr>
<tr>
<td>3</td>
<td>Khairar/Banda-Bhimsen</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td><strong>Total RKM</strong></td>
<td><strong>412</strong></td>
</tr>
</tbody>
</table>
Status of Railway OFC Project works

- **JHS-MBA (138 RKm):** Section Commissioned

- **Khairar-Bhimsen (120 RKm):** Section Commissioned

- **MBA-MKP (154 RKm):** All Outdoor & Indoor works Completed from Mahoba to Chitrakoot. OFC laying work is in progress in Bahlipurwa-Ohan-Manikpur (Last 2 sections).

  Target all stn live on OFC Aug 2019
Station Wi-Fi

- **Tata Trust**
  - Total Stations: 256
    (ALD:102, JHS:98, AGC:56)
  - Commissioned so far: 27
  - Target Sept 2019

- Stations Commissioned earlier
  (Google, RailTel CSR): 48
Free public Wi-Fi at all stations

- Assistance Required:
- Post commissioning, Railways may provide L-1 support at local station level, may require to visit to site
- L-2, NOC and Co-ordination with Tejas for further support will be provided by RailTel
## Video Surveillance System (CCTV)

**Present Status (Pan India)**
- Station with Camera System Already provisioned: 453 no.
- Total Stations A1, A Category: 279+___ no.

**Stations by RailTel System (part)**
- 40 no.

**WIP**
- Stations with RailTel System Ph 1: 204 no.
- (POs for Switch, Rack & Server have already been issued and materials are soon to be transported to RailTel Consignee Addresses)
Video Surveillance System (CCTV)

Complete Solution Status

E-Tender has been invited with opening date of e-bids on 04.09.2019.


Stations of N C Railway for VSS in Phase-1 (Cat: A) : 7
Phaphund, Etawah, Tundla, Orai, Banda, Mahoba, Lalitpur

Proposed stations of N C Railway for VSS in Phase-2 (Cat: B): 10
Atarra, Babina, Dabra, Datia, Dholpur, Khajuraho, Manikpur (JHS) and Firozabad, Shikohabad, VindhyaChal (ALD)

Space & Power Supply: 14 ft * 10 ft & 10 KVA at RPF Locations and 10 ft * 10 ft & 2.5 KVA at Divisional & Zonal HQs

Target: March 2020 (Nirbhya) Dec 2020 balance
E-Office Portal (Instance) of N C Railway turned LIVE on 14.08.2019.

Training to Admins & Users shall be imparted by RailTel

Feeding and Mapping of EMD & FNS Data.

DSCs and gov.in IDs have been already provided to nearly all Users.

Target 10.9.19 HQ+1 Div

Full NCR Mar 2020

Balance Div work under sanction
Digital Museums Project

Services

• Railway Board vide Letter no. 2017/Heritage/NRM/FT dtd. 22.02.2019 entrusted RailTel Corporation of India with the project of developing Digital Museums at major Railway stations.

• As a revenue source Digital Museums will showcase the IR rich heritage, achievements and technology initiatives.

Operating Model

• Ministry of Railways has appointed RailTel to manage and implement Digital Museums Project.

• RailTel has initiated a process to select partner(s) to build, own and operate Digital Museums at A1 & A cat Railway stations.
Scope of Digital Museums

The broad components on the Digital Museums:

1. The main objective of the project is to provide Digital Museums outside or inside the station premises using 360 degree Dome Technology, 3D Digital Screens, State-of-art Rail Simulator, 3D virtual reality (VR) QR code based posters, interactive kiosks etc. It will also display the legacy of Indian Railway via short videos.

   In addition to the Digital Museum, the Bidders will also provide the following:

   Digital Kiosks for providing e-Governance services, on minimum/stipulated charges for healthcare, education along with digital banking, Aadhaar generation, filing taxes and paying bills, digital services, content etc.

   Railways will also allow sale of tickets, food & beverages and merchandise by the Bidders in the Digital Museums.

   Digital Museums size- (8ft X 8ft- 2 for A1 category and 1 for A category)

   Space required for Digital Museums shall be upto 3,200 sq. ft. in the circulating area of Railway Stations or upto 1,000 sq. ft. inside the Railway Stations

   Digital Screens (60 to 65 inch size-2 per platform for both A1 and A category stations).

2. The duration of the project is 8 (eight) years.

NCR Stations for Digital Museums (20 Stations)

- **ALD Division: 8 Stations**
  - Allahabad, Kanpur Central, Etawah, Fatehpur, Phaphund, Mirzapur, Aligarh, Tundla

- **JHS Division: 8 Stations**
  - Jhansi, Gwalior, Banda, Chitrakutdham Karwi, Lalitpur, Mahoba, Morena, Orai,

- **AGC Division: 4 Stations**
  - Agra Cantt, Mathura Junction, Raja Ki Mandi, Agra Fort

- **Target March 2020**
- **Assistance Required** Space Allocation, Electricity
Video wall

- *Provision of Videowalls at 20 Railway stations on North Central Railway-NCR as per Railway Board Letter No. 2018/Tele/6(6)/3, dtd.04.06.2019.*

- **Scope:**
  - Wall-mounted True LED Video wall at Concourse (entry/exit) areas of Railway stations alongwith provision of Centralised Content Display Platform-CDP for dissemination of information and content for display
  - Video wall details:
    - **A1-6 stations** - Two 7.5 ft X 4.2 ft videowall - 3mm (+/-3%) pitch- 12 nos
    - **A-14 stations** - One 7.5 ft X 4.2 ft videowall- 3mm (+/-3%) pitch- 14 nos

- **Stations covered** - 20 stations (A1 and A category) of NCR Zone

**Tender details:**
- NIT floated on 05.07.2019..
- Date for tender uploading- 30.07.2019
- Due date for tender submission- 23.08.2019
- Target Dec 2019
NCR Stations for Video Walls (20 Stations)

- **ALD Division**: 8 Stations
  - Allahabad, Kanpur Central, Etawah, Fatehpur, Phaphund, Mirzapur, Aligarh, Tundla

- **JHS Division**: 8 Stations
  - Banda, Chitrakutdham Karwi, Lalitpur, Mahoba, Morena, Orai, **Jhansi, Gwalior**

- **AGC Division**: 4 Stations
  - Raja Ki Mandi, Agra Fort, **Agra Cantt, Mathura Junction**
CoD (Content on Demand)

- RailTel will provide preloaded multilingual content; movies, news, music videos, general entertainment including TV serials and devotional programmes, lifestyle-related etc in moving trains.

  To ensure buffer-free services, media servers will be placed.

  Passengers will be able to enjoy high-quality buffer-free streaming across personal devices and the content will be periodically refreshed.

- RFP/Tender Status:

  Recently RLY Board has re-entrusted RailTel with Bid Process of Management vide Board Letter No.2016/NFR/7/2/CoD Policy dated 11.07.2019

  - All Premium, Express and Sub-urban trains of NCR will be covered.
  - RFP will be floated by 30th August 2019
  - Target March 2020
### List of NCR Trains

<table>
<thead>
<tr>
<th>Train no</th>
<th>From</th>
<th>To</th>
<th>Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>11101/02</td>
<td>Gwalior</td>
<td>Pune</td>
<td>NCR</td>
</tr>
<tr>
<td>11103/04</td>
<td>Jhansi</td>
<td>Mumbai (BDTS)</td>
<td>NCR</td>
</tr>
<tr>
<td>11105/06</td>
<td>Jhansi</td>
<td>Kolkata</td>
<td>NCR</td>
</tr>
<tr>
<td>11107/08</td>
<td>Gwalior</td>
<td>Varanasi</td>
<td>NCR</td>
</tr>
<tr>
<td>11109/10</td>
<td>Jhansi</td>
<td>Lucknow</td>
<td>NCR</td>
</tr>
<tr>
<td>11111/12</td>
<td>Gwalior</td>
<td>Gonda</td>
<td>NCR</td>
</tr>
<tr>
<td>11123/24</td>
<td>Gwalior</td>
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<td>NCR</td>
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<td>11125/26</td>
<td>Indore/ Bhind</td>
<td>Gwalior</td>
<td>NCR</td>
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<td>Gwalior</td>
<td>Howrah</td>
<td>NCR</td>
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<td>Mathura</td>
<td>Howrah</td>
<td>NCR</td>
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<td>Agra</td>
<td>Lucknow(LJN)</td>
<td>NCR</td>
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<td>NCR</td>
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ETCS L2 Pilot Project

- RailTel Enterprises Limited (REL), a wholly owned subsidiary company of RailTel Corporation of India Ltd. is implementing the European Train Control system Level 2 system at 4 sections of Indian Railway as a pilot project.
- ETCS Level 2 is an onboard train control system.
- Will help reduce congestion in rail network and increase line capacity.
- Improve punctuality as it will eliminate train delays due to automated signaling and real time information of train movements, eliminating the need for manual data logging.
- It will also help to increase average speed of trains due to automation of train operations and enhance safety in operations.
### ETCS L2 Pilot Project

<table>
<thead>
<tr>
<th>S No</th>
<th>Section</th>
<th>RKm</th>
<th>No. of Stns</th>
<th>Est. cost (Cr)</th>
<th>Status of Sanction of DE</th>
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<td>23</td>
<td>445</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>2</td>
<td>Nagpur-Badnera (CR)</td>
<td>175</td>
<td>21</td>
<td>512</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>3</td>
<td>Jhansi-Bina (NCR)</td>
<td>153</td>
<td>20</td>
<td>445</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>4</td>
<td>Vizianagaram-Palasa (ECoR)</td>
<td>142</td>
<td>14</td>
<td>343</td>
<td>Sanctioned</td>
</tr>
</tbody>
</table>
# Timelines for ETCS L2 Pilot Project

<table>
<thead>
<tr>
<th>S No</th>
<th>Activity</th>
<th>Target Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Issue of formal letter by Railway Board</td>
<td>30.01.19</td>
</tr>
<tr>
<td>2</td>
<td>Submission of Detailed estimate by RailTel to Railways</td>
<td>09.02.19</td>
</tr>
<tr>
<td>3</td>
<td>Notice inviting tender</td>
<td>05.02.19</td>
</tr>
<tr>
<td>4</td>
<td>Tender uploaded on</td>
<td>16.03.19</td>
</tr>
<tr>
<td>5</td>
<td>Pre-bid held on</td>
<td>16.04.19</td>
</tr>
<tr>
<td>5</td>
<td>Opening of tenders – Tech. Bid #</td>
<td>02.09.19</td>
</tr>
<tr>
<td>6</td>
<td>Finalisation of technical bids and opening of financial bids</td>
<td>02.10.19</td>
</tr>
<tr>
<td>7</td>
<td>Finalisation of financial bids</td>
<td>02.11.19</td>
</tr>
<tr>
<td>8</td>
<td>Award of work</td>
<td>09.11.19</td>
</tr>
<tr>
<td>9</td>
<td>Completion of work</td>
<td>May 22</td>
</tr>
</tbody>
</table>

*Subject to allocation of spectrum for LTE*
JIO Implementation Status regarding CUG Network Coverage

- Total Tower Sites of N C Railway: **25**
- Installation Done: **16**
- Commissioned/Live: **1**
- Work In Progress: **8**

- **Kanpur: Live(Go Air) on 01.08.2019**
- Jhansi & Allahabad: likely to be Live by 22.08.2019

- Work is in advanced stage at rest of the sites, All sites are likely to go Live by 10.09.2019.
- Assistance Required- Electricity connection/up-gradation on priority, space approval.
HIMS

- SCR
  - Procurement of 300 Nos of Workstations for HIMS Project: Value 2 crore
  - Up-gradation of LAN, RailNet & Provision of WiFi at SCR Hospitals & Dispensaries for HIMS Project: Value 2 crores
O&M Assistance

No. of OFC cuts happened on NCR during FY 2019 _______

The following problems are faced in protecting fibre cut

- Carrying out digging work without information to RailTel.
- Lack of estimate provisions for OFC diversion.
- Not providing sufficient notice for OFC diversion.
- OFC cuts by farmers caused by farming in Railway land
- Penalty not being imposed on erring Railway agencies
Problem of Fiber Cut

Following services are run on OFC

• E-Office
• Video Conference
• Free Wi-Fi at stations
• Administrative & Operations related communication
• Signalling application like BPAC, Axle count and IBS etc.
• Fiber cuts are affecting above services. More over each cut degrade the performance of OFC
Provision of RailWire Sathi, Kiosk under USOF

- RailWire Sathi is a Digital Entrepreneurship programme.
- It will provide digital service to Rural & Remote areas.
- It will also provide employment to youth in rural area.
- Under the project free public Wi-Fi at 45 rural stations have been provided.
- Now Kiosk are being setup at the stations to provide digital services like e-Governance, e-health, utility bill payment, e-Tickets, e-Form filling, Aadhar Services, banking services etc. WIP at these stations
- Kiosk will be manned by Rural youth to be selected through NGO.
- Kiosk will be provided with Tablet, Printer and basic amenities like table, chair, electricity and fan.
Thank you

Let's stride together towards greater heights.

Batasia Loop of Darjeeling Himalayan Railways – A Heritage Railway under UNESCO