ROAD DEVELOPMENT IN INDIA 2018
Research report with weekly newsletters and monthly updates

- Research Report
- Data-set (Excel)
- 52 Weekly Newsletters
- 11 Monthly Updates

India Infrastructure Research
SECTION I: MARKET TRENDS AND OUTLOOK

1. Executive Summary

2. Sector Overview
   - Network Size and Growth
   - Policy and Institutional Framework
   - Project Targets vs Achievements
   - Key Sector Trends
   - Recent Developments
   - Competitive Landscape (EPC and PPP)
   - Issues and Challenges
   - Future Outlook

3. Policy Changes and Initiatives
   - Key Policy Announcements Since 2014
   - Analysis of Impact on the Sector
   - New Government Initiatives
     - Online Portals
     - Road Safety
     - Wayside Amenities and Green Highway Mission
     - Technology Initiatives
     - Others
   - State-level Policy Developments
   - Proposed Policy Changes
   - Industry Concerns and Expectations

4. Project Pipeline
   - National Highways
     - By Status (Ongoing, Awarded, Under Bidding and Planned)
     - By Cost
     - By Mode of Implementation
   - State Highways
     - By Status (Ongoing, Awarded, Under Bidding and Planned)
     - By Cost
     - By Mode of Implementation
   - Bridges/Flyovers/Elevated Roads
     - By Status (Ongoing, Awarded, Under Bidding and Planned)
     - By Cost
     - By Mode of Implementation
   - Road Tunnels
     - By Status (Ongoing, Awarded, Under Bidding and Planned)
     - By Cost
     - By Mode of Implementation

5. Future Outlook and Market Opportunities
   - Growth Drivers
   - Project Award and Completion Targets
     - National Highways (MoRT, NHAI, NHIDCL)
     - State Roads
     - Other Government Programmes (Bharat Mala, Setu Bharatam, etc.)
   - Financing Needs and Requirements
   - Investment Outlook
   - Policy Outlook
   - Opportunity by Mode of Development
   - Opportunity by Stakeholder
     - Developers
     - EPC Contractors
     - Financiers
     - Equipment and Material Suppliers
   - Key Players
   - Current Stance of Financiers
   - Upcoming Project Pipeline and Opportunity
   - Issues and Challenges

SECTION II: IMPLEMENTATION MODELS: EXPERIENCE AND OPPORTUNITIES

6. Hybrid Annuity Model (HAM)
   - Key Features
   - Progress So Far
   - Bidding Scenario
   - Key Players
   - Current Status
   - Bidding Strategy
   - New Government Initiatives
     - Online Portals
     - Road Safety
     - Wayside Amenities and Green Highway Mission
     - Technology Initiatives
     - Others
   - State-level Policy Developments
   - Proposed Policy Changes
   - Industry Concerns and Expectations

7. Toll-Operate-Transfer (TOT)
   - Key Features
   - Current Status
   - Bidding Strategy
   - New Government Initiatives
     - Online Portals
     - Road Safety
     - Wayside Amenities and Green Highway Mission
     - Technology Initiatives
     - Others
   - State-level Policy Developments
   - Proposed Policy Changes
   - Industry Concerns and Expectations

8. Build-Operate-Transfer (BOT)
   - Experience So Far
   - Pace of Project Award and Completion
   - Key Successes and Failures
   - Re-award of Languishing Projects
   - Project Pipeline and Opportunity
   - Key Concerns
   - Future Outlook

9. Engineering Procurement and Construction (EPC)
   - Experience So Far
   - Project Award and Completion
   - Current Bid Scenario
   - Project Pipeline and Opportunity
   - Key Concerns
   - Future Outlook

10. Operate, Maintain and Transfer (OMT)
    - Current Scenario
    - Industry Experience
    - Progress under ETC Implementation
    - Key OMT Players
    - Opportunities under TOT and Asset Sales
    - Issues and Concerns
    - Future Outlook

SECTION III: INVESTMENT AND M&A EXPERIENCE

11. Financing Scenario
    - Growth in Budgetary Outlay
    - Key Funding Sources
    - Current Stance of Lenders/Investors
    - Level of Stressed Assets
    - Measures/Initiatives for Resolution of Stressed Assets
    - Recent Deals/Transactions
      - Financial Closures
      - Refinancing under 5/25
      - FDI Inflows
      - Debt Restructuring
      - InvITs
      - Others
    - New Funding Sources
    - Opportunities for Long-term Investors (SWFs, Pension Funds, etc.)
    - Risks and Challenges

12. M&A Landscape and Activity
    - Current Scenario
    - Deal Analysis (Mergers, Acquisitions by Corporates and Financial Investors, Asset Sales)
    - Valuation Trends
    - Analysis by Buyer Groups (Corporates/PE Firms/ARCs/Pension and SWFs)
19. Profiles of Key States
- Andhra Pradesh, Bihar, Chhattisgarh, Delhi, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand, West Bengal

Each state profile will cover road network, recent developments and project portfolio (completed, under implementation and upcoming)

SECTION VII: KEY PLAYERS

20. Profiles of Leading Players

Each profile will provide an overview of the project portfolio (completed, under construction and planned projects), financial performance, recent developments, future plans etc.

Monthly Updates
The 11 monthly updates will comprise 16-24 pages on:
- Summary of Major Monthly Trends
- Key New Developments
- Policy and Regulatory Developments
- Status of Key Projects/Programmes (NHDP/Others)
- Upcoming Bids, Contracts, Tenders, etc.
- Information on New Projects
- Key Data and Statistics

Weekly Newsletters
The weekly newsletter will comprise 4-6 pages. It will cover news developments in the Indian road sector relating to:
- Policy
- Projects
- Developers
- NHDP and Other Programmes
- Construction Contracts
- Loans and Investments
- Mergers and Acquisitions
- Etc.
I would like to purchase the “Road Development in India 2018” report:

<table>
<thead>
<tr>
<th>Format (PDF)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report</td>
<td>Rs 100,000</td>
</tr>
<tr>
<td>GST @ 18%</td>
<td>Rs 18,000</td>
</tr>
<tr>
<td>Total</td>
<td>Rs 118,000</td>
</tr>
</tbody>
</table>

I am enclosing a cheque/demand draft for Rs ________________________, vide cheque/demand draft no. ______________________ drawn on ________________ dated ________________ in favour of “India Infrastructure Publishing Pvt. Ltd.”

Signature

Name (Block Letters) ________________________
Designation ________________________________
Company ________________________________
Company GST No. ___________________________
Mailing Address ____________________________
Telephone __________________________ Mobile
E-mail ________________________________

**Wire transfer details:**

- **Beneficiary**: India Infrastructure Publishing Pvt. Ltd.
- **Bank Name**: The Hongkong and Shanghai Banking Corporation Ltd
- **Bank Address**: R-47, Greater Kailash-1, New Delhi - 110048
- **Account No.**: 094179587002
- **Swift Code**: HSBCINBB
- **IFSC Code**: HSBC0110006
- **GSTIN**: 07AAACI5880R1ZV

**Contact details:**

- **Chintan Singh Duggal**
  - Manager-Information Products
  - India Infrastructure Publishing Pvt. Ltd.
  - B-17, Qutab Institutional Area. New Delhi - 110 016. India
  - Tel: + 91 11 46012963, 45793069, 41034600-01
  - Mobile: + 91 9810596916, Fax: + 91 11 2653 1196
  - Email: duggal.chintan@indiainfrastructure.com