# **New Research Report**

# **TUNNELLING IN INDIA 2019**

Segment Analysis, New Opportunities and Future Outlook

- Report (PDF)
- Data-set (Excel)

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#### SECTION I: MARKET ANALYSIS, UPCOMING PROJECTS AND OPPORTUNITIES

#### 1. Overview

- Size and Growth
- ❖ Key Trends
- \* Recent Developments
- Growth Drivers
- Issues and Challenges
- Future Outlook

#### 2. Project Pipeline

- ❖ Overall Project Pipeline
- Analysis by Segment
- ❖ Analysis by Stage of Implementation (Announced, Approved, Planned)
- Analysis by State
- Analysis by Completion Period
- ❖ Top 50 Upcoming Projects

#### 3. Market Opportunities

- ❖ Investment Projections (till 2024-25)
- Opportunities for Stakeholders
  - EPC Contractors
  - Technology Providers
  - Equipment Suppliers
  - Construction Material Suppliers
  - Consultants

#### 4. Analysis of Key Players

- Snapshot of Major Players
- ❖ Segment-wise Presence
- Project Portfolio
  - Key Completed Projects
  - Key Ongoing Projects
- ❖ Financial Performance
- Future Plans

#### 5. Risks and Challenges

- Contractual Issues
- Construction Complexities
- Equipment-related Issues
- Manpower Issues
- Other Issues

#### SECTION II: SEGMENT ANALYSIS

#### Metro Rail Tunnels

- Size and Growth
  - Overall Size
  - By State
  - By Technique/Method
- Key Completed Projects
- Key Ongoing Projects

- Select Case Studies and Lessons Learnt
- Key Upcoming Projects
- Issues and Challenges
- Segment Outlook and Projections (till 2024-25)

#### 7. Railway Tunnels

- Size and Growth
  - Overall Size
  - By State
  - By Technique/Method
- Key Completed Projects
- Key Ongoing Projects
- Select Case Studies and Lessons Learnt
- Key Upcoming Projects
- Issues and Challenges
- Segment Outlook and Projections (till 2024-25)

#### 8. Tunnels in the Hydropower Sector

- Size and Growth
  - Overall Size
  - By State
  - By Technique/Method
- Key Completed Projects
- Key Ongoing Projects
- Select Case Studies and Lessons Learnt
- Key Upcoming Projects
- Issues and Challenges
- Segment Outlook and Projections (till 2024-25)

#### 9. Road Tunnels

- Size and Growth
  - Overall Size
  - By State
  - By Technique/Method
- Key Completed Projects
- Key Ongoing Projects
- Select Case Studies and Lessons Learnt
- ❖ Key Upcoming Projects
- Issues and Challenges
- Segment Outlook and Projections (till 2024-25)

#### 10. Water Supply and Sewerage Tunnels

- Size and Growth
  - Overall Size
  - By State
  - By Technique/Method
- Key Completed Projects
- Key Ongoing Projects
- Select Case Studies and Lessons Learnt
- Key Upcoming Projects
- Issues and Challenges
- Segment Outlook and Projections (till 2024-25)

#### 11. Irrigational Tunnels

- Size and Growth
  - Overall Size
  - By State
  - By Technique/Method
- Key Completed Projects
- Key Ongoing Projects
- Select Case Studies and Lessons Learnt
- Key Upcoming Projects
- Issues and Challenges
- Segment Outlook and Projections (till 2024-25)

#### SECTION III: CONSTRUCTION TECHNIQUES, EQUIPMENT AND MATERIALS

#### 12. TBM Market Size and Outlook

- Size and Growth
- ❖ Market Trends
- Technology Advancements
- Key Projects (Completed, Ongoing and Upcoming)
- Issues and Challenges
- Future Outlook

#### 13. Other Construction Techniques (Drill & Blast and NATM)

- Size and Growth
- Market Trends
- Technology Advancements
- Key Projects (Completed, Ongoing and Upcoming)
- Issues and Challenges
- Future Outlook

#### 14. Equipment Market

- Size and Growth
- Type of Equipment
- ❖ Key TBM Suppliers
- Other Equipment Suppliers
- New Innovations and Advancements
- Issues and Challenges
- Future Outlook

#### 15. Material Market

- Types of Materials used in Tunnelling
- Market Trends
- New Materials and Innovations
- Future Outlook

#### SECTION IV: DATABASE OF KEY PROJECTS

A comprehensive database of key tunnelling projects across the metro, rail, hydropower, road, water supply & sewage, and irrigation sectors. Each project will provide information on:

- Number of Tunnels
- Tunnel Length
- Project Cost
- Current Status
- Contractor
- Tunnelling Method
- Tunnel Shape
- Diameter
- · Completion Date
- Etc.

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