

EQUIPMENT TIMES

VOL. 8 ■ ISSUE: 03 ■ ENGLISH - MONTHLY ■ THANE ■ MAY 2022 ■ PAGES: 136 ■ PRICE: ₹ 100





PARESH PATEL
Director, Global Sales
Alltech Industries India

Paresh Patel, Director, Global Sales, Alltech Industries India, said, "The Government announcement of Bharatmala Pariyojana is the second biggest highway development programme. Bharatmala Pariyojana is different from other existing projects as it focuses on improving the average speed of the road and by shortening the length of the roads and removing the congestions in existing network, which would help in reducing logistics costs. The development of any nation depends on the transportation networks and the way in which they are maintained. For connecting the areas and maintaining smooth flow of traffic, the construction of new and developed roads are a must. So, with the successful implementation of this Bharatmala project the Original Equipment Manufacturers of Asphalt Batch Mix Plant, Bitumen Decanting Equipment, Counter Flow Drum Mix Plant and Micro Surfacing Machine of this Road Construction equipment will definitely develop. Due to this Bharatmala project equipment Companies would see boost in the Growth."



SANJAY VARMA
Head, Plant and Machinery, NCC

Sanjay Varma, Head, Plant and Machinery, NCC, said, "NCC has taken up and executed Road works in various states. We are using scientific planning and state of the art technology & equipment for achieving the

targets. Latest and Higher Capacity Crusher, RMC Plants and Slip Form Pavers are deployed in the NMSCE Road Projects. Chilling Plants were used to supply water @ 5 Degree to RMC Plant to achieve concrete production, supply and laying of DLC/PQC as per MORTH Specifications.

Precast Yard with System formwork and Gantries for executing Bridge's I-Girders, Box Culverts and Boundary wall. NCC has initiated Digitalization of Plant & Equipment in Road Projects. Digital Initiatives have injected new dimension to our project functions through infallible mechanisms. Monitoring of All Mobile Equipments with GPS Tags and Fuel Sensors. Tracking of Equipment's Fuel consumptions, Location, productivity, maintenance. Engine (Idle/Working) Utilizations and deviations, safety & security."



HARENDRA SINGH
Chairman & Managing Director, H.G. Infra Engineering

According to **Harendra Singh, Chairman & Managing Director, H.G. Infra Engineering**, "The infra-story of India has been dynamic. Bharatmala Pariyojana has been the thrust infra industry required. The BMP aims to fill the gaps in the infrastructure sector. The ambitious targets set for BMP by the government will lead to the development of the nation. Being the largest infrastructure program envisioned in 2017, Bharatmala aims to develop 34,800 km of National Highway corridors, connecting 600+ districts in the nation. The program signalled a paradigm shift to the corridor approach of infrastructure development. The award position of NHAI has improved significantly, which may positively impact the quicker execution of the project. Moreover, the Bharatmala Pariyojana (Phase II) is in the approval stage." **ET**

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With the length of experience and exposure, HG Infra has built a strong in-house team that meets proficiencies in every stage.

HARENDRA SINGH

Chairman and Managing Director, H.G. Infra Engineering

How do you perceive the opportunities getting better for the infra companies as the Bharatmala aims to ensure speeding up approval processes to enable quicker execution of projects?

The infra-story of India has been dynamic. Bharatmala Pariyojana has been the thrust infra industry required. The BMP aims to fill the gaps in the infrastructure sector. The ambitious targets set for BMP by the government will lead to the development of the nation. Being the largest infrastructure program envisioned in 2017, Bharatmala aims to develop 34,800 km of National Highway corridors, connecting 600+ districts in the nation. The program signalled a paradigm shift to the corridor approach of infrastructure development.

What kind of equipment & technologies are used in the road & highways under the Bharatmala project?

In the Bharatmala, we are building roads of national importance. The key component of the BMP program is the development of 22 greenfield expressways and access-controlled corridors of over 7,900 km.

Under the program, roads are getting built with the concept of flexible as well as rigid pavement depending on the traffic requirement. To increase road quality and bring productivity, companies like HG Infra are using technologies like Echelon paving,

3D grades control software application, plants equipped with heavy-duty accessories, power feeders, soil stabilizers, and telematics systems.

Last mile connectivity is crucial. How do you assess the challenges in the Bharatmala project?

With the length of experience and exposure, HG Infra has built a strong in-house team that meets proficiencies in every stage involved in the lifecycle of a project. The Company strategically smoothens the intricacies involved by centralising project management through already established departments devoted to specific areas like Planning, Design, Procurement, Operations and other functions. Furthermore, we continue to combine people, processes and technology to assess and overcome challenges.

Can you elaborate or provide suggestions that need to be incorporated by the government to ensure not just the success of the programme, but also growth for the infrastructure companies?

The Ministry has been consistently establishing ways to ensure the economy's growth by introducing projects like Bharatmala, Sagarmala, and Gati Shakti. Although, there is still space for planning, financing and working on a speedy dispute resolution system, land acquisition processes and minimising bureaucratic procedures and individual preferences. A single-window approval system, if introduced for road projects and any other infra projects, may reduce the time taken in lengthy processes in obtaining clearances and approvals benefitting the progress and the companies. **ET**



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