

FOUNDATION STONE LAYING CEREMONY

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Hon'ble Minister of Road Transport, Highways & Shipping, Govt. of India

On 29.5.2017

- i) Development of Common Rail Yard at JNPT.
- ii) Railway Connectivity to 4th Terminal at JNPT.
- iii) Jasai-JNPT 3rd Line work.

❖ DEVELOPMENT OF INTEGRATED COMMON RAIL YARD FACILITY AT JNPT/NAVI MUMBAI, MAHARASHTRA.



Jawaharlal Nehru Port (JNPT) is a major Container & Cargo Handling Sea-Port port established in May 1989 under Ministry of Shipping, Govt of India. The port was created to relieve pressure on Mumbai Port, the pre-eminent port of India.

JN Port is the biggest container handling port in India, handling around 44% of the country's containerized cargo, crossing the historic landmark of 4 million TEUs in container throughput consecutively for the last five years. In its coveted role as the Hub Port on the West Coast of India, JNP is ranked 31st among the top 100 Container Ports in the world.

To achieve a long-term goal of achieving 10 million TEUs by the year 2020-21, addition of two more Terminals, viz. 4th Container Terminal (Port of Singapore Authority) and a Satellite Port at Vadhvan Point have been planned by JNPT in that pursuit.

Accordingly, rail and track network are being augmented to carry the additional traffic to and from the port.

Each of the operational Container Terminals have independent Rail Yards, which handle regular container trains. The maximum trains handled on a daily average are about 8 per day mainly to North India.

JNPT now wishes to handle containers through Dedicated Freight Corridor (DFC) rakes which are longer in length (1500 m) and can handle double stack containers. Since, it is not possible to upgrade the current rail yards of different terminals to handle DFC rakes, it is proposed that well-equipped common rail yard for handling rail traffic of all the three container terminals be provided to be managed by a common operator.

The Road Over Bridge (ROB) near Karalphata at Central Gate Complex is at present narrow and there is no clearance for passage of double stack trains. ROB has to be widened and raised to facilitate DFC double stacked trains entry at exit to the Port Rail handling yard.

❑ **COST OF PROJECT** : INR 250 Crores

❑ **SCOPE OF WORK** : 10 Track Km Concrete Embedded track + 5 KM Concrete
Road + One 6-lane ROB

❑ **NATURE OF WORK** : Development of DFC compliant Common Rail Yard & Modification to the existing ROB

❑ **STATUS:**

- Tender finalized and Letter of Acceptance issued on 31.03.2017 to M/s. Man Infraconstructions Ltd
- Work to commence soon

➤ **TARGET DATE:**

- Phase- 1 (Common rail yard) 2018-19
- Phase-2 (Work of 6 lane Road Over Bridge) 2019-20

❖ RAIL CONNECTIVITY TO 4TH TERMINAL (Being developed by BMCTPL/PSA)



The first phase of 4th Terminal at JNPT is scheduled for commissioning in December 2017. The Connectivity to the terminal is planned from the Holding yard by constructing the 3rd line from Jasai to Holding Yard to deal with the anticipated increase of traffic.

DFC yard is targeted for opening in December 2019. During the interim period before DFC is commissioned, a 432 metres rail spur is planned to give rail connectivity to the Terminal from the existing Holding Yard so that rail facility is available right from the initial stage.

❑ **PROJECT COST:** Project Cost INR 100 Crores

❑ **SCOPE OF WORK :** 5 km Track KM + one Railway Bridge + Signalling work

❑ **STATUS:**

- Preliminary site preparation works commenced
- Executing Agency M/s.Man Infraconstructions Ltd.
- PMC – RITES

❑ **TARGET DATE:** December 2017

❖ CONSTRUCTION OF 3RD LINE FROM JASAI TO JNPT HOLDING YARD



JASAI YARD

To provide dedicated access to 4th terminal of rail network, a third railway line has been planned between Holding yard and Jasai Yard. The existing rail lines will be used beyond Jasai yard towards Panvel. This dedicated railway line from Holding yard to Jasai Yard will help avoid traffic congestion in these two yards for Cargo movement by rail from fourth terminal. The provision of third line is part of concession agreement between JNPT Port and PSA for development of the Fourth terminal.

- ❑ **PROJECT COST:** Project Cost INR 150 Crores (Approx.)

- ❑ **SCOPE OF WORK :** 14 Track KM + Signalling work + OHE Work

- ❑ **STATUS:**
 - Executing Agency: M/s Thakur Infra Projects Limited (TIPL) started mobilizing its machinery for commencement of works.
 - Project Management Consultancy by RITES and Central Railway.

- ❑ **TARGET DATE:** 2018-19 (Duration of work 15 months)