



Order Received to Construct Dedicated Freight Railway Bridge between Delhi and Mumbai

-JFE to participate in a large-scale project with the Japanese and Indian governments-

JFE Engineering Corporation (CEO: Hisanori Kanou; Head Office: Chiyoda-ku, Tokyo) would like to announce that it has received an order from Dedicated Freight Corridor Corporation of India Limited (affiliated with Indian Railways) to work on construction of a dedicated freight railway bridge (below, “the construction”) to run between Delhi and Mumbai.

Freight shipment volume in India is growing at a yearly rate of 15%, and increased freight shipment capability over railway was required to meet this need.

The Japanese and Indian governments have therefore agreed to collaborate on implementing the “Deli-Mumbai Industrial Corridor Project”^{*1}. The construction—a foundational part of this project—utilizes Official Development Assistance (ODA) from the Japanese government and involves the construction of a freight railway with a total length of 1,500 km between the capital of Delhi and the commercial city Mumbai.

JFE has formed a consortium with Gammon, a leading Indian construction company, to design and construct two steel bridges between Rewari and Vadodara (roughly 950 km). This forms Phase 1 of the entire railway plan. These bridges will cross the Sabarmati and Mahi rivers that flow through Gujarat, and are expected to be completed in the autumn of 2018.

JFE will be responsible for steel structures, while Gammon will handle concrete work (such as foundations and bridge supports) and embankment construction of bridge approaches. JFE will use Indian companies for steel structure design work and procurement, as well as on-site construction.

Developing transportation infrastructures has become a pressing issue in South Asia due to economic growth in regions such as India, Bangladesh, and

Sri Lanka. The Japanese government has shown their clear commitment to cooperating economically with regions in South Asia through offering Official Development Assistance. JFE intends to contribute to economic development in these regions and expand its business overseas by focusing on such projects.

*1: A comprehensive regional development project to connect the industrial districts and harbors of six states between Delhi and Mumbai with dedicated railways and roads and to create the greatest industrial belt region in India, in order to promote Indian exports and direct investment in India beginning with Japanese companies

Construction Overview

1. Construction Project Name	: Special Steel Bridges Contract Package CTP-3A(R)
2. Customer	: Dedicated Freight Corridor Corporation of India Limited
3. Capital	: ODA (Official Development Assistance)
4. Bidding Organization	: JFE Engineering/Gammon consortium
5. Construction Sites	: Ahmadabad and Vadodara, Gujurat
6. Construction Details	: Design, procurement, and construction above and below bridges; embankment construction of bridge approaches
7. Bridge Form	: 12-span, simple truss bridge (bridge length: 585 m) 11-span, simple truss bridge (bridge length: 536 m) Total steel weight 5,600 tons (two bridges)
8. Contract Date	: October 15, 2014
9. Construction Period	: 2014 (autumn) to 2018 (autumn)

■ Gammon Company Outline

1. Name	: Gammon India Limited
2. Address	: Veer Savarkar Marg, Prabhadevi, Mumbai 400025, India.
3. Sales Volume	: Approx. 80 billion yen (2011-2012 financial year)
4. Employees	: Approx. 3,350 (as of December 31, 2013)
5. Established	: 1919



For inquiries regarding this article, please contact JFE Engineering Corporation at the following:

Overseas Project Dept, Bridge Structure Division, Steel Structure Engineering Sector
JFE Engineering Corporation