

**PROTOCOL  
BETWEEN  
THE MINISTRY OF RAILWAYS OF THE REPUBLIC OF INDIA  
AND  
THE FRENCH NATIONAL RAILWAYS (SNCF)  
ON COOPERATION IN  
"SEMI HIGH SPEED RAIL & STATION RENOVATION"**

The Ministry of Railways of the Republic of India and the Société Nationale des Chemins de Fer Français (SNCF), the French National Railways (hereinafter referred to as the "Parties"),

- Bearing in mind the Memorandum of Understanding between the Parties, signed on February 14, 2013 in New Delhi, for a period of 5 years in the railway sector
- Recalling the priority areas of this existing Memorandum of Understanding:
  - High speed and semi-high speed rail;
  - Station renovation and operations;
  - Modernisation of current operations and infrastructure;
  - Suburban trains.
- Acknowledging the subsequent steering committees held between Indian Railway and SNCF senior executive management
- Desiring to follow on the recommendations in High Speed and Semi High Speed Rail presented by SNCF during its '*operations and development*' feasibility study conducted, with the support from the French Finance Ministry, in 2013 and 2014 on the Mumbai-Ahmedabad High-Speed Rail;
- Recalling the exchanges in Paris and New Delhi between the Chairman, Railway Board and the President of SNCF;
- Recalling the exchanges on promoting railway cooperation during the meeting on February 5, 2015 in India between HE M. Laurent Fabius, French Minister of Foreign Affairs & International Development, with HE M. Suresh Prabhu, Minister for Railways in the presence of the Chairman, Railway Board of Indian Railways, the President of SNCF, and the Ambassadors of India and France,

Have reached the following understanding:

**ARTICLE I - Purpose of the Protocol**

This Protocol is intended to deepen the mutual cooperation already existing between the Parties as per the Memorandum of Understanding signed on February 14, 2013 in

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New Delhi, and more specifically towards the achievement in the priority areas of Semi-High-Speed Rail and Station renovation on two projects:

- the upgrading of current passenger services to SHS (Semi High-Speed) up to 200 kmph on the Delhi-Chandigarh Corridor
- the Renovation Concept Design of Ludhiana and Ambala Stations.

## **ARTICLE II - Content of cooperation and duration**

### **II.1 Semi High Speed**

The Parties have decided to carry out a technical and execution study for upgrading the speed of passengers trains on the current rail corridor between Delhi and Chandigarh (244 km) up to 200 kmph.

This project will be conducted in three phases over a one-year period with the objectives to provide:

- technical solutions with options and related costs;
- three summary scenarios with operations and economic-financial impact;
- delivery, on one preferred scenario, of an execution plan including design specifications and tender document preparation;
- recommendations on the implications for a larger SHS program for India.

### **II.2 Station renovation**

The Parties have decided to work together on the renovation of two stations, Ludhiana and Ambala, focusing on renovation concept design and program management, based on French experience and leading to a workshop seminar with Indian Railways and other project stakeholders (local authorities, other mobility network, realty, retail...)

This project will be conducted in three steps over a six-month period with the objectives to provide:

- field survey in India: introduce SNCF approach to station renovation through two field surveys and cases study in India;
- Renovation concept design, and execution roadmap
- seminar workshop: share this approach within the Indian context with Indian Railways and other stakeholders, including an action plan recommending further cooperation initiatives with Indian Railways and IRSDC Ltd.

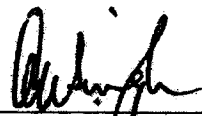
## **ARTICLE III - Financing**

The cost of the two projects is jointly financed by the Parties, i.e. 50% by the Ministry of Railways of the Government of India and 50% by SNCF with a requested support, currently being instructed, from the French Ministry of Finance.

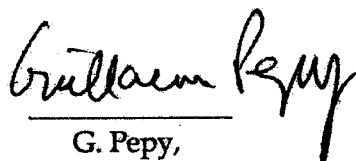
Both Parties have agreed to finalize the financing arrangements of these two projects at the earliest.

IN WITNESS WHEREOF, the undersigned, duly authorised thereto by their respective Parties, have signed the Protocol.

Done in Paris on 10 April, 2015 in the two originals in English language.



Arun Kumar Singh  
Ambassador of India to  
France



G. Pepy,  
President, SNCF