

Entrepreneur India

106-E, Kamla Nagar, New Delhi-110007, India.

Tel: 91-11-23843955, 23845654, 23845886, +918800733955,

Mobile: +91-9811043595.

Email: npcs.ei@gmail.com ,info@entrepreneurindia.co

Website: www.entrepreneurIndia.co

Prestressed Concrete Sleepers

Capacity:	500 Pcs. per day
Plant and machinery cost:	1472.00 Lakh
Working Capital:	0.00 Lakh
Rate of return(ROR):	23.00 %
Break Even Point (BEP):	41.00 %
TCI:	0.00 Lakh
Cost of Project:	2245.00 Lakh

Concrete sleepers are one of the most important applications of a railway track system. The impact load characteristics and ultimate load carrying capacity of a prestressed sleeper, but the fatigue life of prestressed concrete sleepers is limited. The railway sleeper is a vital railway component that lies between the rail and the ballast. The important functions of sleepers include the following: uniform transfer and distribution of loads from the rail foot to ballast bed, provision of an anchorage for the fastening system, and the restraining of lateral, longitudinal, and vertical movement of the rails.

The Indian Railways is among the world's largest rail networks. The Indian Railways network is spread over 115,000 km, with 12,617 passenger trains and 7,421 freight trains each day from 7,172 stations plying 23 million travelers and 3 million tones (MT) of freight daily. During FY 2016-17, the passenger traffic of Indian Railways grew 0.8 per cent to 8,219.38 million, with passenger revenue growth of 4.6 per cent at Rs 47,449.75 crore (US\$ 7.37 billion).

Few Indian major players are as under:

- Alpine Housing Devp. Corpn. Ltd.
- Bemco Sleepers Ltd.
- Calcutta Springs Ltd.
- Concrete Techno Project Ltd.
- Concrete Udyog Ltd.
- Daya Concretes Pvt. Ltd.

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, New Delhi-110007, India.

Tel: 91-11-23843955, 23845654, 23845886, +918800733955

Mobile: +91-9811043595

Email: npcs.ei@gmail.com ,info@entrepreneurindia.co

Website: www.entrepreneurIndia.co