



KRS Infra Ventures Pvt. Ltd.



KNOWLEDGE PAPER

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Metro Rail Between Srinagar to Jammu Planned

India Government planned INR Rs. 8500 crore metro rail transit systems in State of Jammu & Kashmir under central assistance funding.

This project will be constructed in two phases which include phase – I of 25 km between Indra Nagar, Osmanabad in Bemina to Hazuri Bagh. This metro rail will have 24 stations. In addition phase – I will have 23 km metro rail in Jammu city between Bantalab to Greater Kailash and Udheywala to exhibition ground, which planned 23 stations.

Phase – II will include 17.5 km metro train with planned 14 stations between Indra Nagar to Pampore Bus stand and Hazuri Bagh to Srinagar Airport. Another route between Greater Kailash to Bari Brahamana railway station and Exhibition Ground to Satwari Chowk to Jammu airport covering distance of 20.5 km with 17 stations planned as part of Phase - II.

Three Metro Routes in Mumbai Received Go Ahead From State Government

Maharashtra Government planned three Metro routes in Mumbai: Wadala to CST, Gaymukh to Shivaji



Chowk at Mira Road while Kalyan to Taloja in extended suburbs.

MMRDA (Mumbai Metropolitan Region Development Authority) will undertake 12 km Wadala to CST metro project with estimated cost of INR Rs. 8,739 crore. Wadala to Sewri route of 4 km will be elevated and remaining 8 km Sewri to CST Metro route will be underground. This project will be funded by International banks and Govt. of Maharashtra and MMRDA will be responsible to complete this project.

Second Metro Project will have 20 km metro rail between Kalyan-Taloja with estimated cost of INR Rs 5,865 crore. This project will be implemented by, MMRDA, MIDC and CIDCO and likely to be completed by 2024.

Third Metro Project planned between Gaymukh to Shivaji Chowk Metro at Mira Road approx 9 km distance with estimated cost of INR Rs. 4476 crore. In this route approx 8.529 km Metro route will be elevated while the remaining route will be underground and will be completed by 2022. ●



World Bank granted USD \$250mn to Rajasthan State Highways Development Program-II

World Bank signed USD \$250 million loan agreement with Govt. of Rajasthan to develop and construct Highways under State Highways Development Program II Project. This will support the construction, upgradation, improvement and maintenance of 766 kms of state highways and major district roads.

This project will be handled by State Highways Authority and Public Works Department of Rajasthan State Government which is responsible about 70 percent of the state's road network.

Maharashtra Govt. received USD \$200 million for rural road project from ADB

To improve 34 districts road infrastructure in Maharashtra ADB granted USD \$200 million to better connect rural area with market and services. The main focus of improving



road infrastructure to upgrade roads through all weather standards.

Government of Maharashtra appointed MMRDA (Maharashtra Rural Road Development Association) to supervise construction and design all weather standards roads with better connectivity between villages to economic centers.

The total cost of the project is USD 296 million, of which the government will provide USD 96 million. It is due for completion at the end of September 2024.

Uttar Pradesh Government planned Bundelkhand Expressway

The 290 - km - long Bundelkhand Expressway planned by Uttar Pradesh Government which include 4 lane highway connecting state roads with national highways at estimated cost of INR Rs. 14,716 crore. The Bundelkhand Expressway will connect Agra-Lucknow and Agra-Noida Expressways along with lesser develop districts of Uttar Pradesh.

UP government appointed of UP Expressways Industrial Development Authority and expecting construction will start in October 2019 and expressway project will be completed in a span of 30 months. ●



Two New Freight Corridors Planned By Indian Railways

Indian Railways planned with investment of INR Rs. 1.23 trillion to develop two freight corridor projects in two routes: East-West DFC (EWDFC) and East-Coast DFC (ECDFC) which are expected to be completed by 2027. This will cater freight movement approx 1,500 million tone.

The EWDFC route include Sindi near Nagpur to Hijli near Kharagpur, covering 1260 km railway network with planned 23 junction stations, 3 future junctions and 13 crossing stations. The expected construction cost estimated INR Rs. 73,804 crore.

ECDFC route include Hijli to Kottavalasa near Vizianagaram in Andhra Pradesh with estimated length of 830 km railway track with 9 junction stations, one future junction and 11 crossing stations. The cost of construction estimated approx INR Rs. 49,199 crore.

Semi High Speed Rail Corridor Planed Between Kasaragod-Thiruvananthapuram in State of Kerala

Kerala Government approved 532 km semi high speed rail corridor to be constructed connecting



Kasaragod to Thiruvananthapuram with estimated cost of INR Rs. 66,079 crore. This projected will be implemented by the Kerala Rail Development Corporation (KRDCL), a joint venture of the Kerala government and the Railways Ministry and expected to be completed by 2024.

KRDCL proposes to raise Rs. 34,454 crore as loans for the project while the Centre and the state will be required to provide Rs 7,720 crore each. Also, the state government will spend Rs. 8,656 crore on land acquisition and allied matters. The remaining funds will be met through loans by the Union and state government.

This project will reduce journey time from to just 4 hours to current 12 hours and categorized as 100% green project. ●



Government planned Ferry services in North-East states

Transportation in North East India is a big challenge and due to lack of railway infrastructure Ministry of Shipping planned to develop Inland Waterways transport policy which allow ferry services in remote areas to transport passengers at low-cost as well as convince travel.

WAPCOS is preparing a model detailed project report (DPR) for implementing projects for running low-cost ferry services in the inland waterways in North-East states of the country.

Government of India approved solar project in Leh & Kargil

Govt. of India approved 7500 MW grid connected solar photo-voltaic project with estimated cost approx INR Rs. 50,000 crore recently. The Ministry of New and Renewable Energy is planning to eventually scale it up to 23,000 MW grid-connected Ultra Mega Solar PV project in Ladakh, with the 7,500 MW package forming the first part of the larger project.

This project will be implemented by Solar Energy Corporation of India (SECI) as they already planned to divide



first phase of 7500 MW into three packages of 2,500 MW each. The first package was to be set up in areas tentatively identified in Zanskar sub-division and Taisuru block of Kargil district while the remaining two packages were to be developed at Hanley Khaldo area of Nyoma sub-division in Leh district, which has now been changed to Pang. ●



Mission to Sun

ISRO (Indian Space Research Organisation) planned 400kg class satellite carrying one payload named Aditya-1 first Indian mission to study sun.

Govt. approved project to be launch by 2020 through PSLV-XL from Sriharikota. Aditya-1 was meant to observe only the solar corona i.e. outer layers of the Sun.

A Satellite placed in the halo orbit around the Lagrangian point 1 (L1) of the Sun-Earth system has the major advantage of continuously viewing the Sun without any occultation/eclipses. The satellite carries additional six payloads with enhanced science scope and objectives.

Retail Sector Boosted with 100% FDI by Government of India

Recent FDI reforms allowed 100% foreign investment in single brand retailing to boost economic growth, India's economic growth momentum has been slipping since the last 3-4 quarters. Not only did GDP growth fall to a 20-quarter low of 5.8 per cent in January-March, telltale signs of distress are visible in

sectors like NBFCs, automobile, real estate, and FMCG.

To pull out the economy from the current slump, the finance minister provided tax relief for foreign portfolio investors (FPIs) and startups coupled with targeted steps for the retail sector and upfront support of Rs 70,000 crore to public sector banks with an aim to revive demand conditions. ●



Government Step in To Boost Manufacturing

India's manufacturing sector accounts for approximately 16-17% of Gross Domestic Product (GDP) and provides a significant multiplier to the growth of the economy and employment creation. Each additional dollar generated by the sector has the potential to add \$1.33 in the economy, and every job created in manufacturing has a multiplier effect of 2-3X additional jobs in related activities. Globally, India is the sixth-largest manufacturing nation, and the sector has been growing at 6-7% annually. To achieve the nation's vision of becoming a \$1 trillion economy by 2024, manufacturing needs to grow at almost 16% to 16.5% annually.

Co-innovation trend in India

The recent trend large corporation to develop, innovate collaborate with startups. In current status most of the startup funded to co-innovate artificial intelligence and machine technologies. Few startups created setups to innovate in fuel alternatives. The major companies offered cash rewards to new innovation and further research funding to these startups. This become effective equation. ●





KRS MARKETING Partnership Proposal

Marketing Requirements

Handling business opportunities in India require various steps and Marketing Partnership will help you to understand the practice and management to work in India. Considering the promotion before official participation in business, few steps like promotion, introducing own product range to manage the requirement development accept our standard products or services, advance preparation of participation in Indian Opportunities, management of local vendor team, if required for joint participation, handling tenders, offers, negotiations, contract management support etc., the list is ongoing and KRS Infra Ventures Pvt. Limited ensure that our experience being in this trade from last three decades offer you wider experience base in INDIA.

Marketing Proposal

The KRS Group herewith introduce KRS Infra Ventures Pvt. Limited herewith offers the marketing partnership to your organization to promote you and yours associates interest in Indian Infrastructure Sector with following ways:

- ▶ Informing Business Opportunities in India for business scope of your organization.
- ▶ Promoting your organization with introducing and presenting details to various clients in Government and

Private Sector and follow-up for acquisition formalities (tendering process, finalization of business, all assistance during implementation & after sales etc.)

- ▶ Informing the current scenario of market in view of Government Policies, Procurements plans etc.
- ▶ Advising the strategies required during promotion for successful business opportunities.

The partnership terms will require discussions to finalize, which will be second step after receiving your principal approval and suggest you to work on following options for understanding:

- ▶ **Marketing Partnership Joint Venture**-which means “KRS Infra Ventures” will offer all Marketing support in India and your organization handle the technical & commercial need of the projects targeted and rest terms conditions of arrangement will decided after in principal approval of partnership.
- ▶ **Exclusive Agent in INDIA**-KRS will be offered exclusive Agency Agreement for 3 years minimum to develop and managing business opportunities for your organization and terms & conditions of this agreement will be discuss after principal approval of working.



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