



**KRS** Infra Ventures Pvt. Ltd.



**KNOWLEDGE**  
**PAPER**

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From  
**Director** Desk

Dear Friends,

After facing difficult time in year 2020, practically loosing a year of development, Indian economy once again started towards upward and we see overall Infrastructure Development Projects again on track.

Government of India initiate various privatisation drive for Public Sector Companies as well as offer major Infra projects under FDI funding.

We are sure that current year development will strengthen Indian Growth to maximum.

With Kind Regards,



**Keshav Gandhi**  
Executive Director,  
KRS Infra Ventures Private Limited



## Introduction

Infrastructure sector is a key driver for the Indian economy. The sector is highly responsible for propelling India's overall development and enjoys intense focus from Government for initiating policies that would ensure time-bound creation of world class infrastructure in the country.

The Government of India plans to spend about US\$ 1.4 tn worth of investment across infrastructure by 2024-25.

In 2021, the Government of India has set a target of INR 15 lakh crore investment in constructing roads in the next 2 years. The government's efforts on improving the country's energy infrastructure will provide an investment opportunity worth INR 21 Lakh crores in the next 10 years. About US\$ 750 Bn of investment is suggested by the Government of India for railways infrastructure in next decade.

## Infrastructure Funding in Aviation Sector

Various measures are being taken to provide a significant boost to aviation infrastructure. Recently, the government has sanctioned

Rs. 1.08 billion under the RCS (Regional Connectivity

Scheme) for the upgradation of three airports in

Chhattisgarh – Jagdalpur, Ambikapur

and Bilaspur. Government of

India has sanctioned

Rs. 48 Crores for

Jagdalpur

(expendi-

ture in-

curred INR 45

Crores), Rs. 27 Crores for

Ambikapur (expen-diture incurred


INR 27 Crores) and Rs. 33 Crores for Bilaspur

(expenditure made INR 20 Crores) under UDAN

scheme for up-gradation and development of 3 Airports in

Chhattisgarh. ♦

## AAI's Focus on Digitization and Technological Upgradation

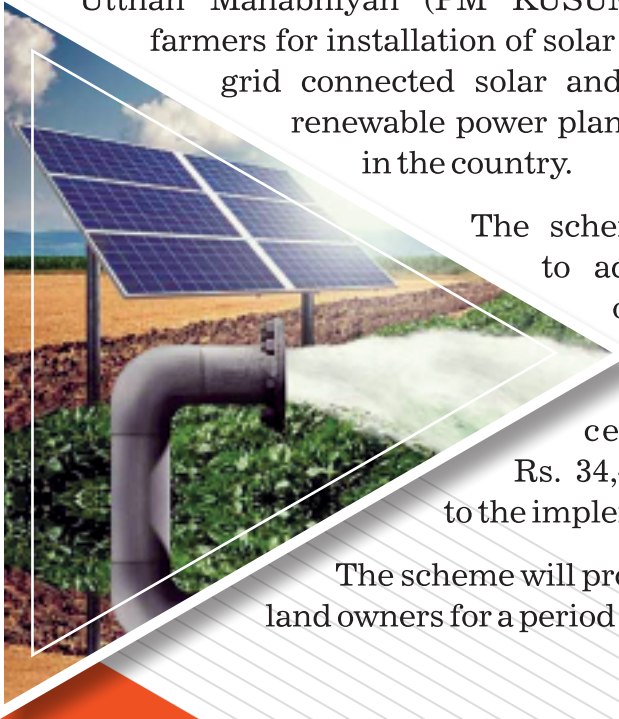


Airport Authority of India has always placed strong emphasis on technological upgradation. The authority is planning to launch DIGI YATRA or facial bio-metric-based air travel, commencing with Varanasi Airport in December 2020

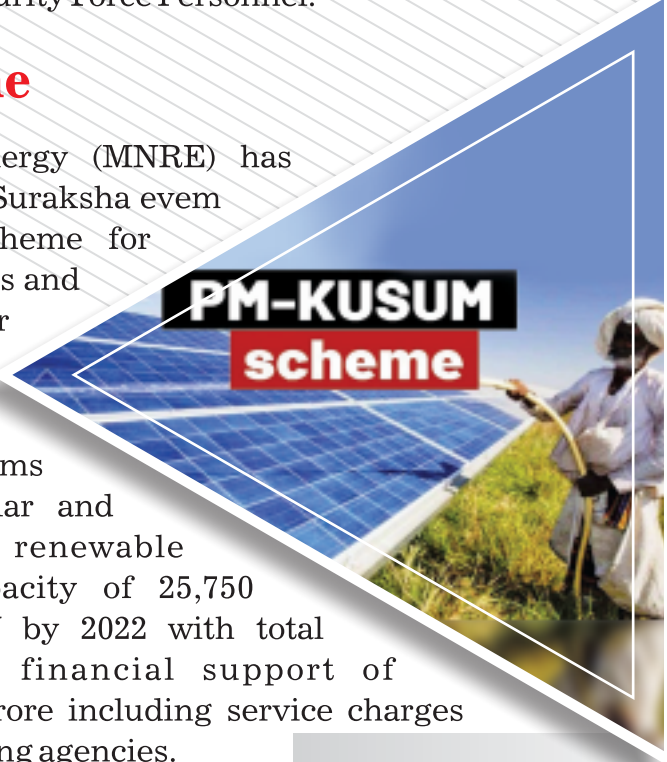
Under DIGI YATRA, automated check points will be set up at kerbside kiosks, airport entry gates, check-in counters, and pre-embarkation security check and boarding points.

Passengers option for Digi Yatra for the first time will need to activate the Digi Yatra ID at the airport registration kiosk through ticket validation and a proof of identity in physical form will be verified by Central Industrial Security Force Personnel.

## PM KUSUM Scheme



Ministry of New and Renewable Energy (MNRE) has launched the Pradhan Mantri Kisan Urja Suraksha evam Utthan Mahabhiyan (PM KUSUM) Scheme for farmers for installation of solar pumps and grid connected solar and other renewable power plants in the country.

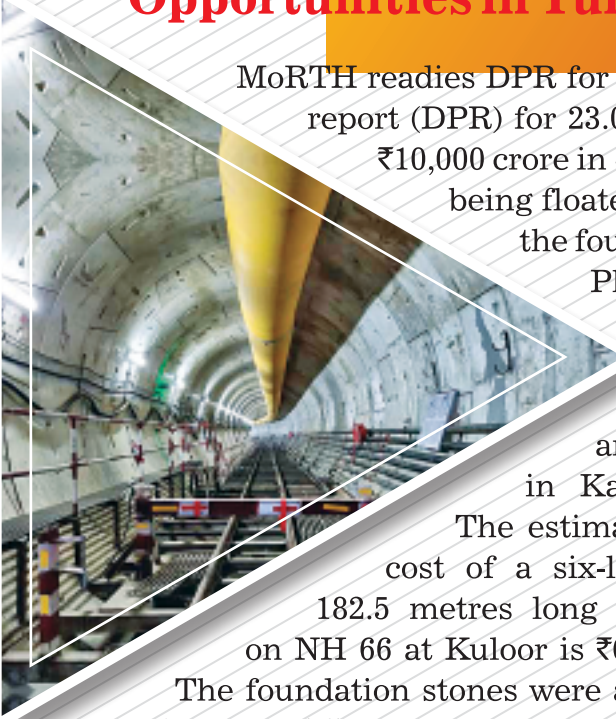


The scheme aims to add solar and other renewable capacity of 25,750 MW by 2022 with total central financial support of Rs. 34,422 Crore including service charges to the implementing agencies.

The scheme will provide a continuous source of income to the rural land owners for a period of 25 years. ♦

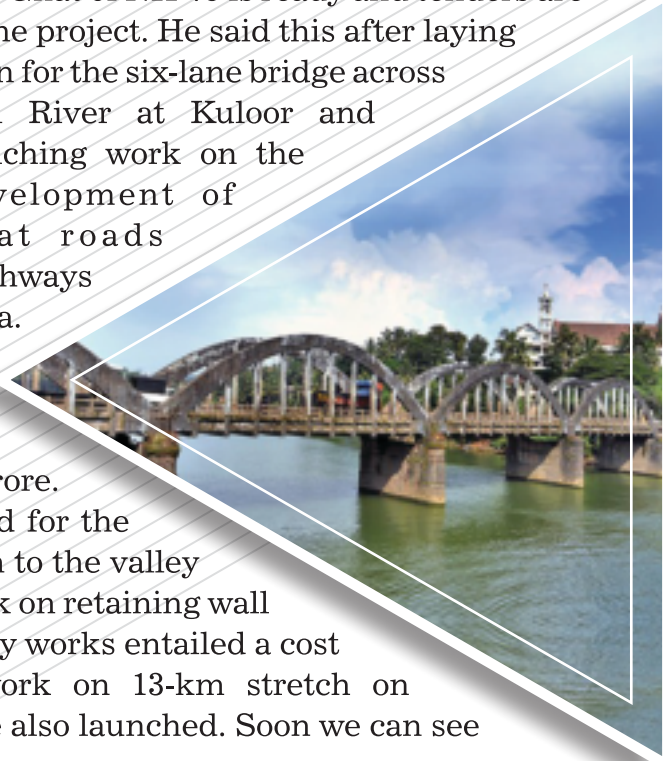


## Opportunities in Tunnel/Bridge Projects




MoRTH readies DPR for ₹10,000 cr tunnel project. The detailed project report (DPR) for 23.06 km long tunnel entailing an investment of ₹10,000 crore in Shiradi Ghat of NH-75 is ready and tenders are being floated for the project. He said this after laying the foundation for the six-lane bridge across Phalguni River at Kuloor and launching work on the development of Ghat roads and highways in Karnataka.

The estimated cost of a six-lane 182.5 metres long bridge on NH 66 at Kuloor is ₹69.02 crore.



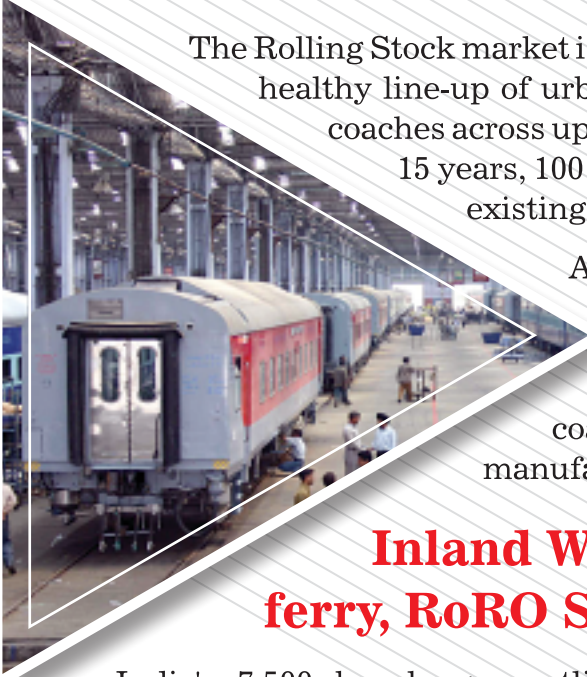
The foundation stones were also laid for the work on providing permanent restoration to the valley side slips on Shiradi Ghat of NH 75. The work on retaining wall at Sampaje Ghat, concrete drains, road safety works entailed a cost of ₹58.84 crore, permanent restoration work on 13-km stretch on Charmadi Ghat at a cost of ₹19.36 crore were also launched. Soon we can see bidding process for above projects.

## Solar Power In Manipur



The Manipur Renewable Energy Development Agency is under planning for a solar power project in Manipur. The selected solar power developer will set up 100 MW grid-connected solar PV power project at Jiribam in Manipur. The estimated value of the project will be Rs 400 crore. ♦

## Metro Rail Coaches



The Rolling Stock market is set to receive a boost in next 4-5 years, giving the healthy line-up of urban rail projects. There is a requirement of 4000 coaches across upcoming metro systems in the country. In the next 15 years, 100 refurbished coaches will be required per year for existing metro networks developments.

A new concept called Metro Neo presents opportunities for domestic as well as foreign rolling stock manufacturers. The Government's focus on Making in India coaches has prompted foreign players to set up manufacturing units in the country.

## Inland Waterways new routes for ferry, RoRO Service identified

India's 7,500 km long coastline and potentially navigable waterways. To promote coastal shipping and boost tourism, new routes for ferry and RO-RO (Roll-on Roll-off) services have been identified that include Somnath Temple, Hazira, Okha and Jamnagar for potential Investment for long term Infrastructure.

Government of India identify six international routes under the Sagarmala project, This plan aims to promote port-led development in the country through harnessing India's 7,500 km long coastline and potentially navigable waterways.

Govt. has identified domestic locations namely Hazira, Okha, Somnath Temple, DIU, PIPAVAV, Dahej, Mumbai / JNPT, Jamnagar, Kochi, Ghogha, Goa, Mundra, and Mandv to commence ferry services through inland waterways.

Besides, six international routes, connecting 4 international destinations namely Chattogram (Bangladesh), Seychelles (East Africa) Madagascar (East Africa) and Jaffna (Sri Lanka) from Indian major coastal port towns have been identified for these services. This offer Investment opportunities to Indian as well global players in this field. ♦





## Coastal Shipping Prospective in INDIA

India's economy has surged ahead in recent years. The pressures of a growing economy have naturally pushed its transport system to full capacity. The movement of bulk commodities is one of the major responsibilities of India's transportation system.

Thermal coal alone accounts for around 61 percent of the freight volume on the Indian Railways and 24 percent of the seaport freight mix.

Water transport currently contributes less than 10 percent in India. Approx. 740 MMTPA of coal moved through the country predominantly through rail. Only 23 MMTPA moved through coastal shipping even though this mode costs one-sixth that of rail cost. More than 90 percent of the rail routes relevant to coal are running at over 100 percent utilization. With the expected ramp-up in coal production by Indian Public Sector company i.e. Coal India Limited, India may need to move 1,000 to 1,200 MMTPA coal across the country by 2025, creating tremendous pressure on the already congested railways.

It is estimated that using the right infrastructure and institutional support, India can coastally move 155 to 160 MMTPA of coal, and save around INR 6,500 Crores per annual. This will help to save 1 lakh rail-rake days that can be used for other commodities. Since logistics contribute 30 to 35 percent of the cost of power generation, this initiative will also directly cut power costs by 50 paise per unit for coastal power plants fed coal coastally.

A similar comparison of logistics cost for plant to demand centre for five other key commodities—POL, steel, cement, fertilizers, and food grains reveals a total potential of 70 to 80 MMTPA coastal movement, with potential savings of INR 4,500-5,600 Crores per annum.

It is estimated that coastal shipping of about 180-200 MMTPA can be achieved from current and planned capacities across coal, cement, iron and steel, food grains, fertilizers, POL by 2025. This would translate into estimated INR 10,000-15,000 Crores saving annually. ♦

## 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.



## KRS Infra Ventures Private Limited

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