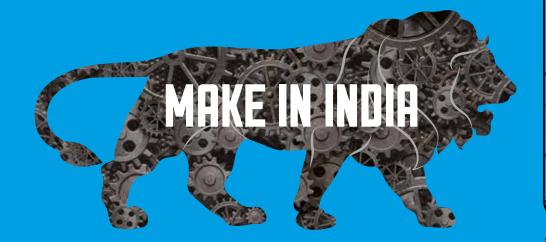
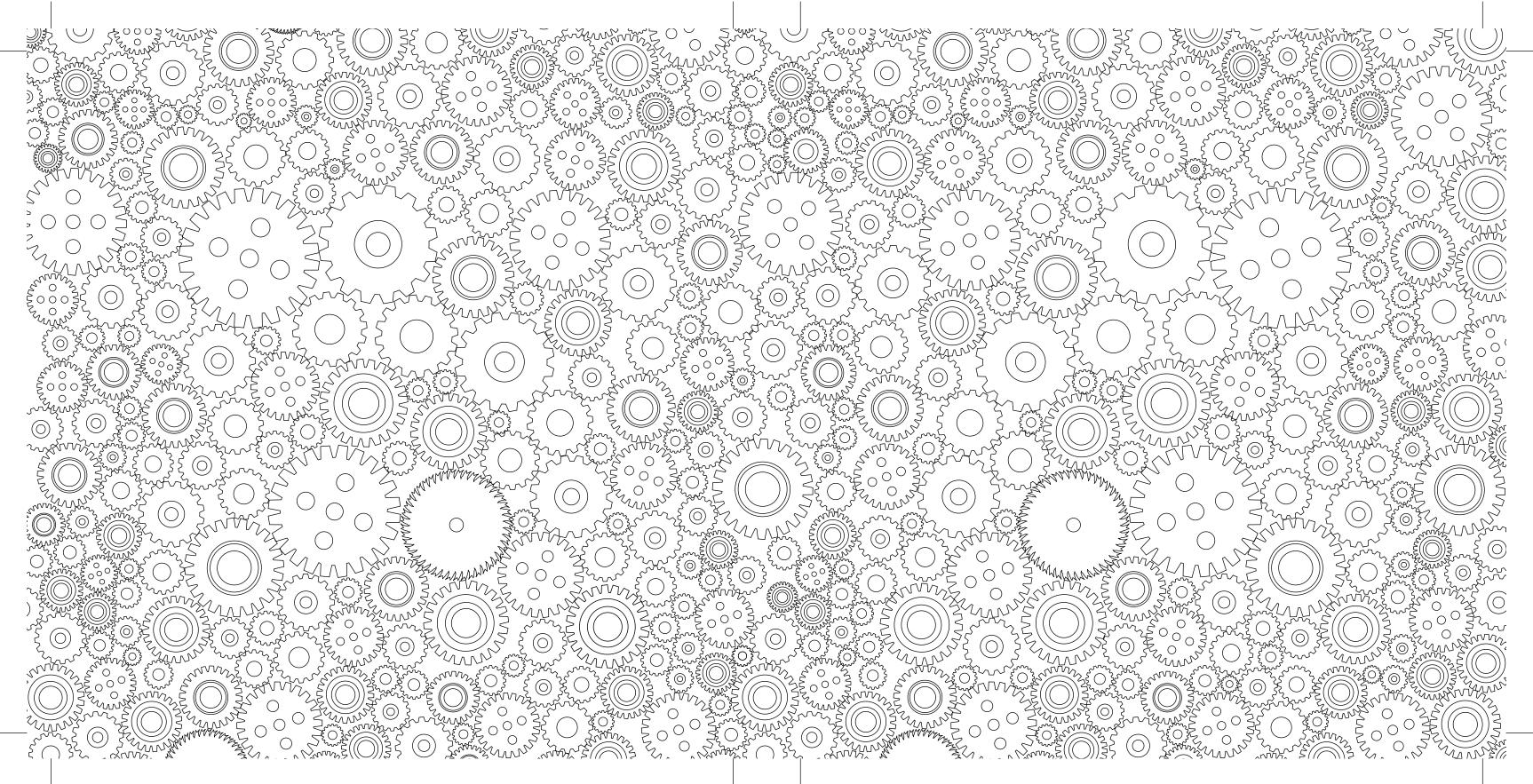
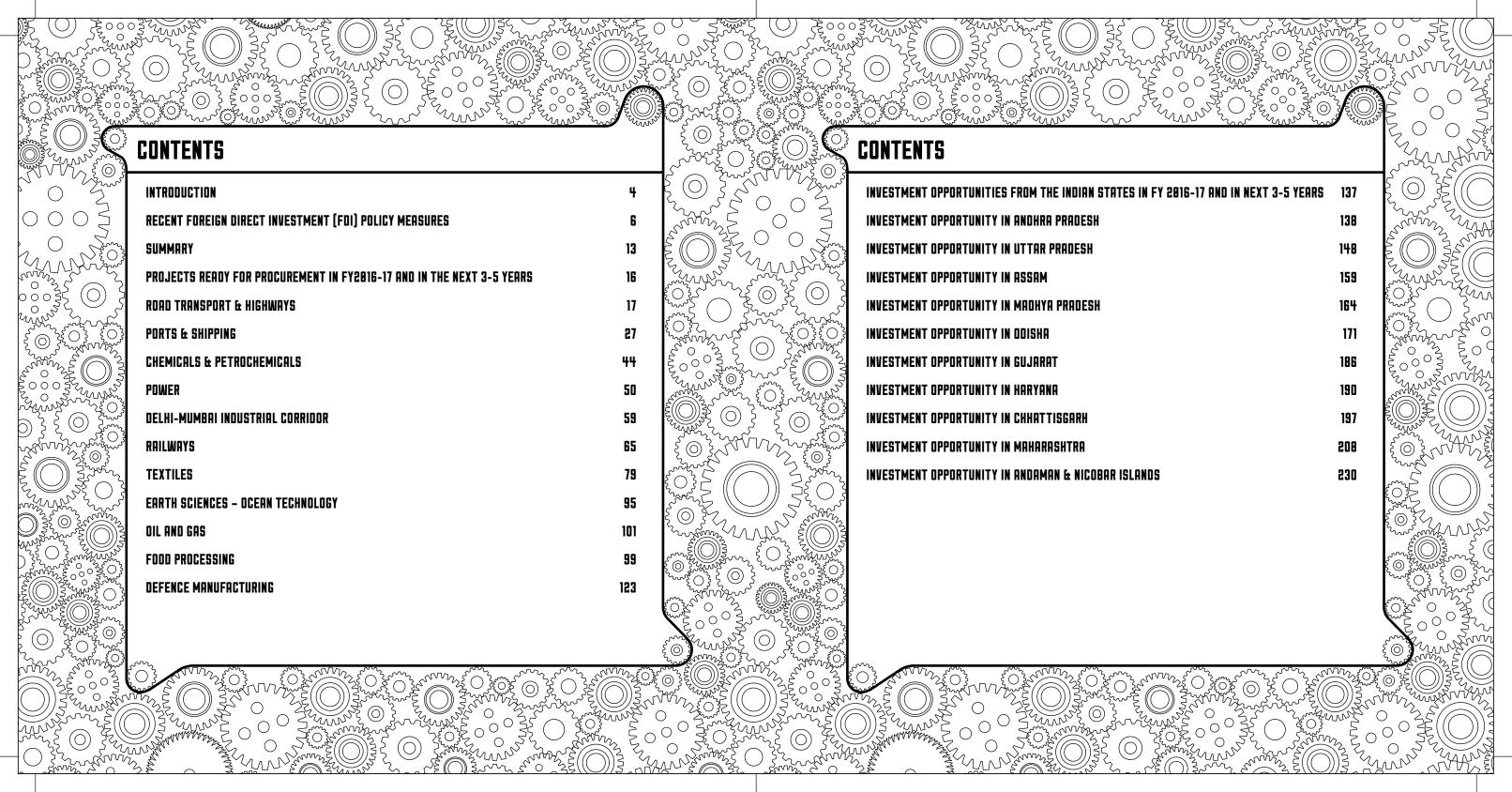


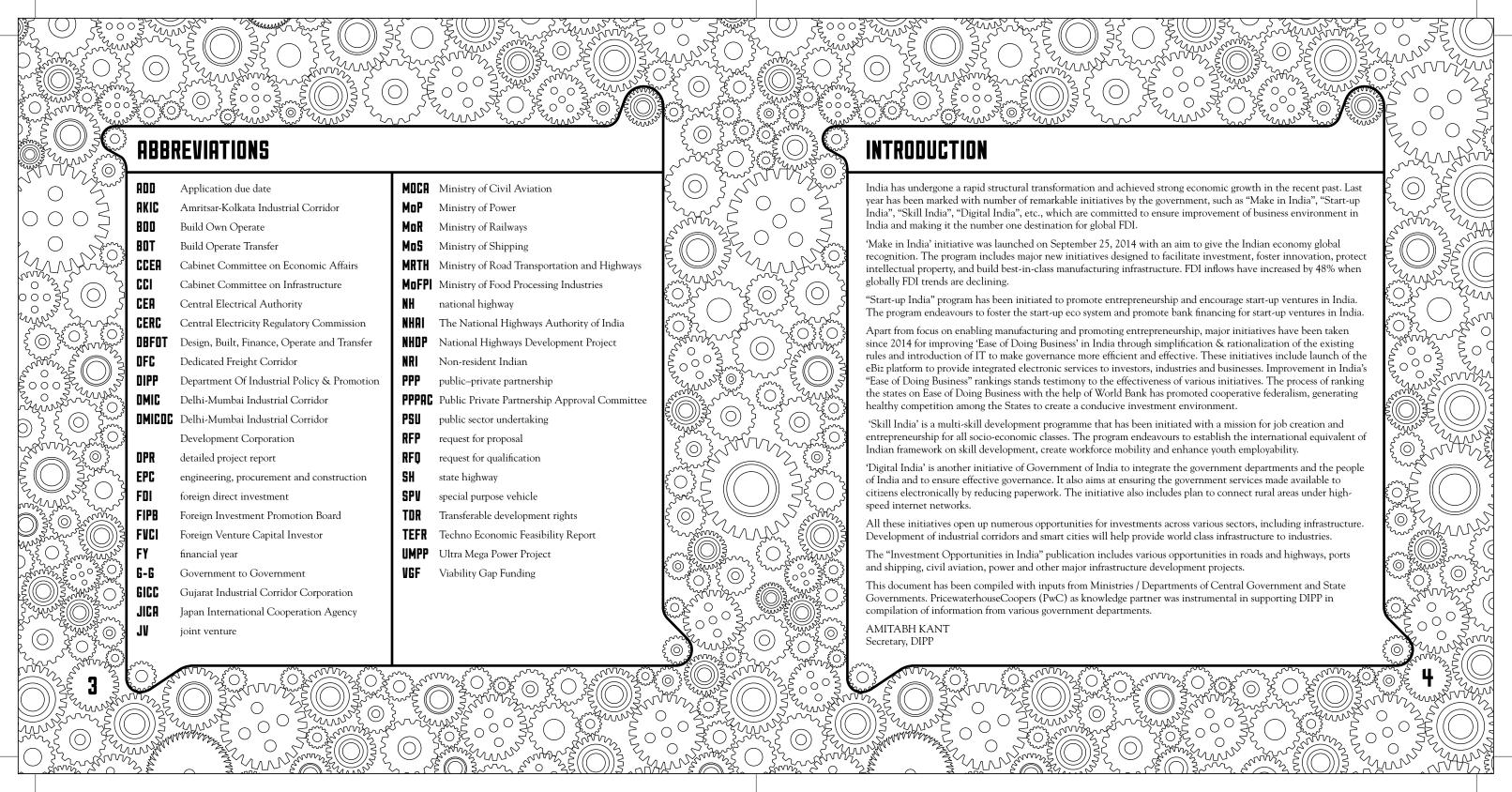
Department of Industrial Policy & Promotion Ministry of Commerce & Industry Government of India makeinindia.com

# INVESTMENT OPPORTUNITIES IN INDIA FEBRUARY 2016









# DISCLAIMER

The information provided in this publication is limited to the information provided by only select Union Ministries and State governments which responded to Department of Industrial Promotion & Policy, Ministry of Commerce, Government of India. It doesn't cover all the investment projects ready for investments in India. Further, the information provided may not be complete in nature and is limited to that provided by the respective Union Ministry or State government in India. For, detailed project information the respective contact person may be contacted.

\* Exchange rates used 1USD = INR 65

# RECENT FOREIGN DIRECT INVESTMENT POLICY MEASURES



# **RECENT POLICY MEASURES** Government has put in place an investor-friendly policy on foreign direct investment (FDI), under which FDI up to 100% is permitted under the automatic route in most sectors/activities. Under this route, no Central Government permission is required for FDI inflow, but the same is subject to applicable laws/regulations, security and other conditions. Persons Resident Outside India) Regulations on RAIL INFRASTRUCTURE: non-repatriation basis will be deemed to be domestic → Government with view to attract foreign investment at par with the investment made by investment in the sector has opened following activities of Rail infrastructure to 100% under b) The special dispensation of NRIs is also available automatic route:

to companies, trusts and partnership firms, which are incorporated outside India and are owned and

### **MEDICAL DEVICES:**

controlled by NRIs.

→ The government has permitted FDI up to 100%, under the automatic route for manufacturing of medical devices, without any distinction of greenfield or brownfield and such FDI will not be subjected to other conditions of the FDI policy on the pharmaceutical sector.

### INVESTMENT BY NON-RESIDENT INDIANS (NRIS) AND NRI HELD ENTITIES:

→ Construction, operation and maintenance of (i)

Suburban corridor projects through PPP, (ii) High

Rolling stock including train sets, and locomotives/

coaches manufacturing and maintenance facilities,

(v) Railway Electrification, (vi) Signaling systems,

(vii) Freight terminals, (viii) Passenger terminals, (ix)

Infrastructure in industrial park pertaining to railway

line/sidings including electrified railway lines and

Transport Systems.

connectivities to main railway line and (x) Mass Rapid

speed train projects, (iii) Dedicated freight lines, (iv)

- → NRIs, OCIs, PIOs have special dispensation for investment in Construction development and Civil Aviation sector. To facilitate more investment by these NRIs extant FDI policy has been amended to provide
- a)Investment made by NRIs, PIOs and OCIs under Schedule 4 of FEMA (Transfer or Issue of Security by

### INSURANCE SECTOR:

→ FDI Policy on Insurance sector was reviewed in view of amendment to the Insurance Laws (Amendment) Act 2015 to increase the sectoral cap of foreign investment from 26% to 49% with foreign investment up to 26% to be under automatic route. Similar changes have also been brought in the FDI Policy on Pension Sector.

### INTRODUCTION OF COMPOSITE CAP OF FOREIGN INVESTMENT:

→ In order to provide simplicity to the FDI policy and bring clarity on application of conditionalities and approval requirements across various sectors, different kinds of foreign investments have been made fungible under one composite cap. The amendment aligns with the intent of FDI Policy wherein different categories of investments through FDI, FPI (FII, QFI), NRI, FVCI and DR are regarded as foreign investments. This will provide Indian companies and investors choice of category of investments between FDI, FPI (FII,QFI), NRI, FVCI

### CONSTRUCTIONS DEVELOPMENT SECTOR:

- → FDI policy on Construction Development permits 100% foreign investment under automatic route subject to certain conditions. In order to liberalize and bring pragmatism in the policy so as to attract more foreign investment in the country, following amendments have been introduced in the FDI policy on the sector:
- → Removal of conditions of area restriction of floor area of 20,000 sq. mtrs in construction development projects and minimum capitalization of US \$ 5 Million to be brought in within the period of six months of the commencement of business.
- → Exit and repatriation of foreign investment is now permitted after a lock-in-period of three years. Transfer of stake from one non-resident to another non-resident. without repatriation of investment is neither subject to any lock-in period nor to any government approval.
- → Exit is permitted at any time if project or trunk infrastructure is completed before the lock-in period.

100% FDI under automatic route is permitted in completed projects for operation and management of townships, malls/ shopping complexes and business

### **DEFENCE SECTOR:**

→ In order to increase manufacturing in the Defence Sector, foreign investment up to 49% in defence sector has been permitted under automatic route along with specified conditions. Further portfolio investment and investment by FVCIs has been allowed up to permitted automatic route level of 49%. The foreign investment in excess of 49% has been allowed on case to case basis with Government approval in case of access to modern and 'state-of-art' technology related manufacturing.

### **BROADCASTING SECTOR:**

- → FDI policy on Broadcasting sector has also been amended as under:
- 1. Teleports, Direct to Home, Cable Networks, Mobile TV, Headend-in-the Sky Broadcasting Service(HITS)
- 100% (Up to 49% Automatic route and Beyond 49% under Government route)
- 2. Terrestrial Broadcasting FM (FM Radio) 49% Government route
- 3. Up-linking of 'News & Current Affairs' TV Channels
- 49% Government route
- 4. Up-linking of Non-'News & Current Affairs' TV Channels
- 100% Automatic route
- 5. Down-linking of TV Channels
- 100% Automatic route

### BANKING-PRIVATE SECTOR: segments, it is not possible for retail entity to comply → Government has decided to introduce full with the sourcing norms. To provide opportunity to fungibility of foreign investment in Banking-Private such single brand entities, it has been decided that sector. Accordingly, FIIs/FPIs/QFIs, following due in case of 'state-of-art' and 'cutting-edge technology' sourcing norms can be relaxed subject to Government procedure, can now invest up to sectoral limit of 74%, provided that there is no change of control and approval. management of the investee company. (ii) An entity operating through brick and mortar store, will now be permitted to undertake e-commerce activities of single brand product. PLANTATION SECTOR: (iii) Certain conditions of the FDI policy on the → The Government has reviewed FDI policy on sector namely; products to be sold under the same plantation sector and has now opened coffee, rubber, brand internationally and investment by non-resident cardamom, palm oil tree and olive oil tree plantations entity/ entities as the brand owner or under legally for 100% foreign investment under automatic route

along with tea plantation, which was earlier under

→ In order to provide boost to the manufacturing

manufacturer to sell its product through wholesale

and/or retail, including through e-commerce under

→ In order to encourage investment in the sector

and provide simplification in the policy, following

a) Single Brand Retail Trading (SBRT):

amendments have been brought in the FDI policy on

(i) Sourcing of 30% of the value of goods purchased

Further, it is seen that in certain high technology

would now be reckoned from the opening of first store.

sector and give impetus to the 'Make in India'

initiative, the Government has permitted a

approval route.

automatic route.

TRADING:

the sector:

MANUFACTURING SECTOR:

# tenable agreement with the brand owner, will not be made applicable in case of FDI in Indian brands. Further an Indian manufacturer is permitted to sell its own branded products in any manner i.e. wholesale,

b) Duty Free Shops: 100% FDI is now permitted under automatic route in Duty Free Shops located and operated in the Custom bonded areas.

retail, including through e-commerce platforms.

### PERMITTING SAME ENTITY TO CARRY OUT BOTH WHOLESALE AND SINGLE BRAND RETAIL TRADING:

→ As per the FDI policy, in wholesale cash & carry the automatic route. Earlier FDI policy on this sector provided that a wholesale/cash & carry trader cannot to undertake both the activities of single brand retail trading (SBRT) and wholesale business.

activities, 100% foreign investment is permitted under open retail shops to sell to the consumer directly. It has now been decided that a single entity will be permitted

### LIMITED LIABILITY PARTNERSHIPS (LLPS):

→ FDI policy on LLPs has been amended to provide that investments in LLPs will not require Government approval. 100% FDI is now permitted under the automatic route in LLPs operating in sectors/activities where 100% FDI is allowed, through the automatic route and there are no FDI-linked performance conditions.

### **CIVIL AVIATION SECTOR:**

→ It has been decided that Regional Air Transport Service (RSOP) will be eligible for foreign investment up to 49% under automatic route. Further, foreign equity cap of activities of Non-Scheduled Air Transport Service, Ground Handling Services have been increased from 74% to 100% and activities are placed under the automatic route.

### SATELLITES- ESTABLISHMENT AND OPERATION AND CREDIT INFORMATION COMPANIES:

→ Foreign investment caps on Satellitesestablishment and operation and Credit Information Companies have now been raised from 74% to 100%. FDI in Satellites- establishment and operation will be under the government route and in Credit Information Companies will be under the automatic

### APPROVAL REQUIREMENT FOR COMPANIES WITHOUT OPERATIONS:

→ Approval requirements in respect of companies under operation have also been relaxed. It has now been decided that for infusion of foreign investment into an Indian company which does not have any operations and also does not have any downstream

investments, Government approval would not be required, for undertaking activities which are under automatic route and without FDI-linked performance conditions, regardless of the amount or extent of foreign investment.

### ESTABLISHMENT AND TRANSFER OF OWNERSHIP AND CONTROL OF INDIAN COMPANIES:

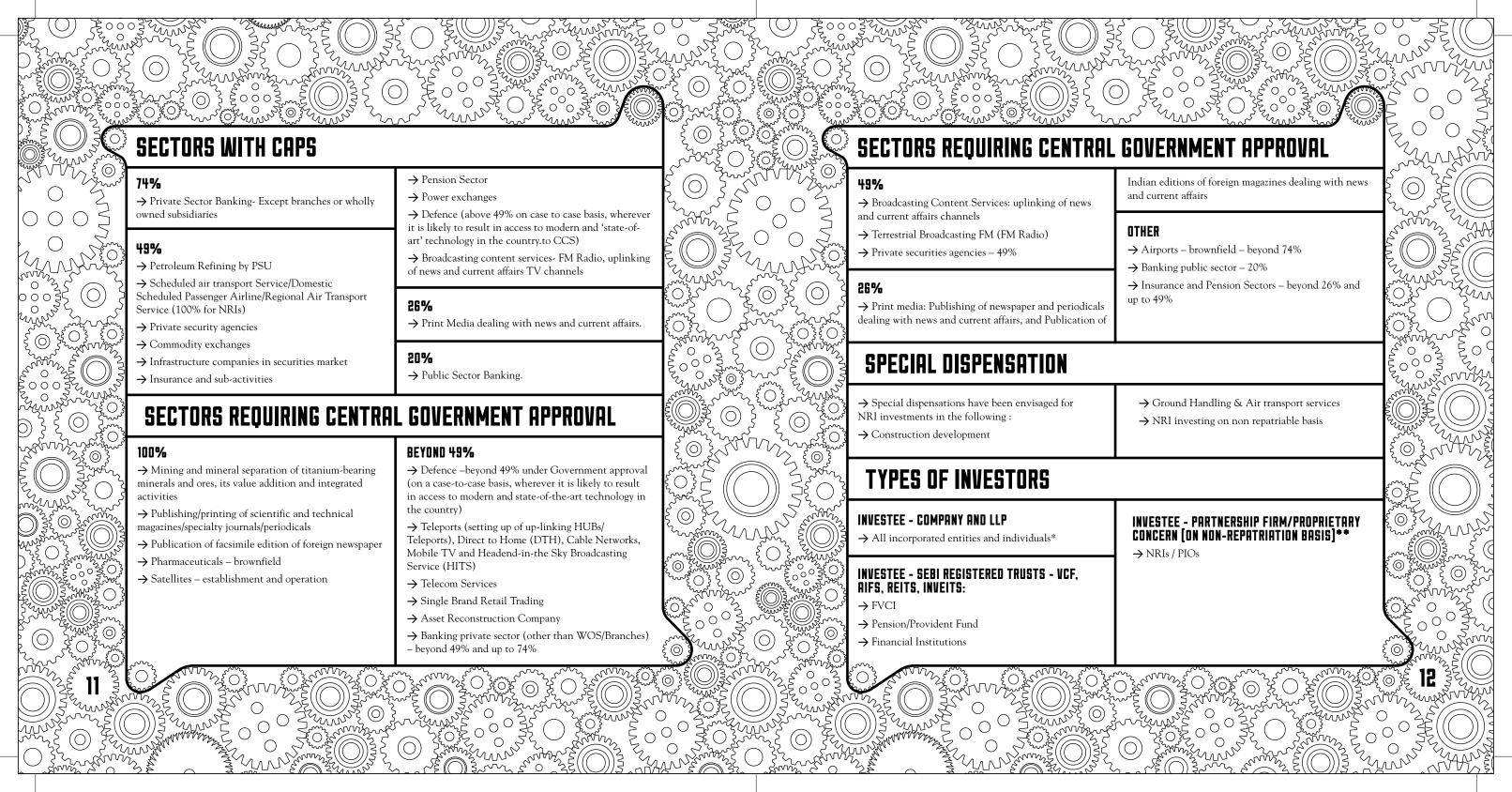
→ As per the earlier FDI policy establishment and ownership or control of the Indian company in sectors/activities with caps required Government approval. This provision has now been amended to provide that approval of the Government will be required if the company concerned is operating in sectors/ activities which are under Government approval route rather than capped sectors. Further no approval of the Government is required for investment in automatic route sectors by way of swap of shares.

### RAISING THE THRESHOLD LIMIT FOR APPROVAL BY FOREIGN INVESTMENT PROMOTION BOARD:

→ As per the earlier FDI policy Foreign Investment Promotion Board (FIPB) considered proposals having total foreign equity inflow up to Rs. 3000 crore and proposals above Rs. 3000 crore were to be placed for consideration of Cabinet Committee on Economic Affairs (CCEA). In order to achieve faster approvals of proposals, the threshold limit for FIPB approval has been increased to Rs. 5000 crore.

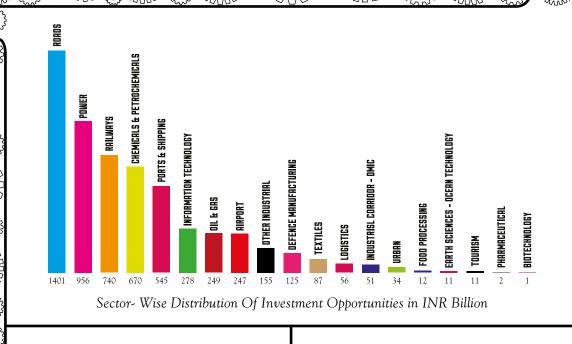
### WHITE LABEL ATM OPERATIONS:

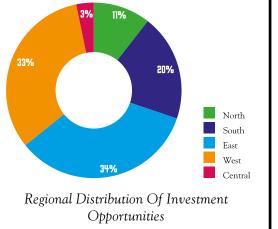
→ The Government, with an objective of enhancing ATM networks in semi-urban and rural areas (mainly in Tier III to VI areas), has allowed 100% FDI in white label ATM operations under the automatic route.



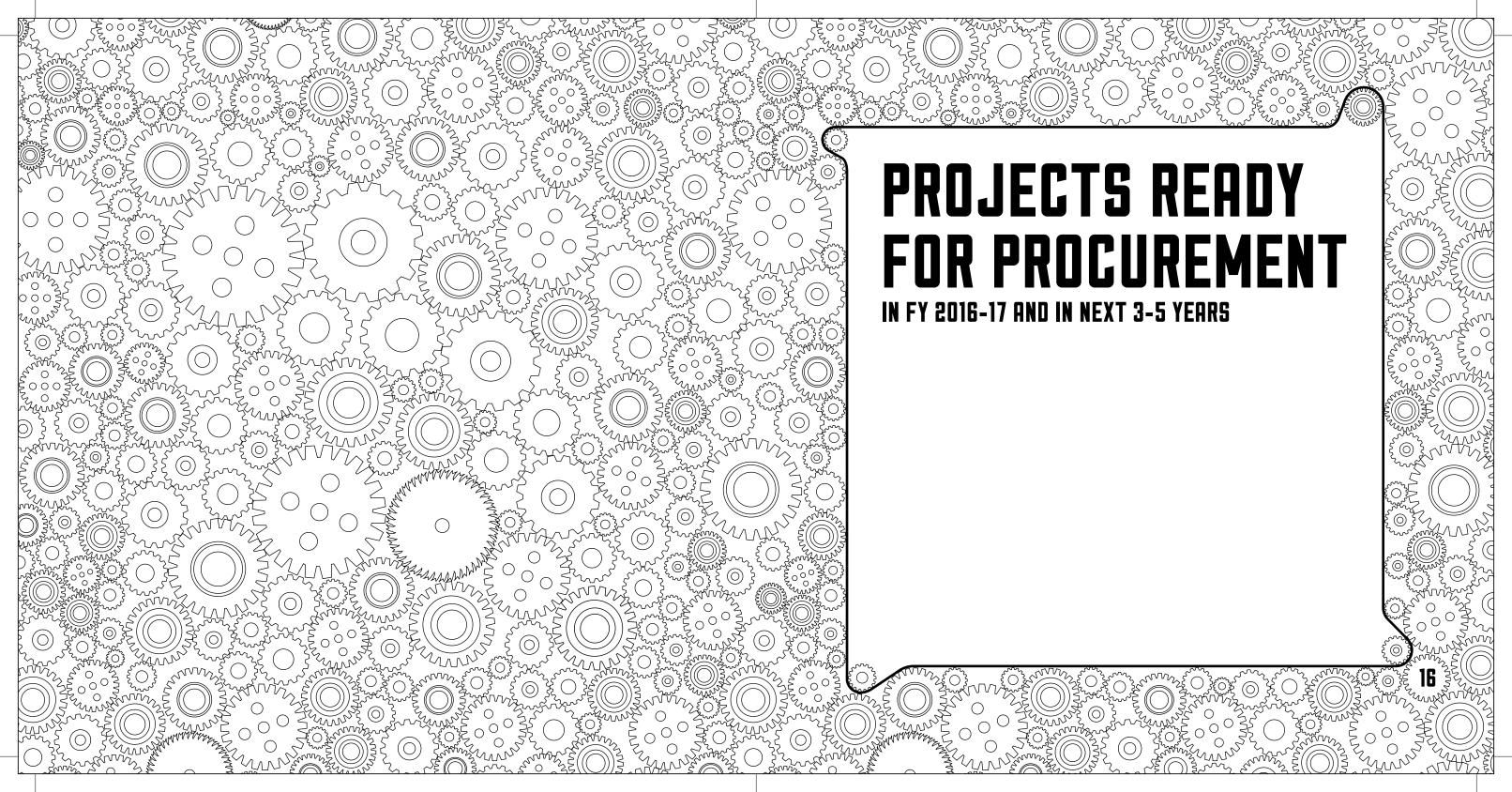


INVESTMENT OPPORTUNITIES WORTH USD 87 BILLION AVAILABLE FOR INVESTMENTS IN THE NEXT 5 YEARS. OVER 60% OF THE OPPORTUNITIES WILL BE READY FOR INVESTMENT IN THE NEXT 1 YEAR.





- → Around 60% of the total investment opportunities in Road, Power and Railway sectors
- → Large scale investments opportunities identified in East & West Zones (~65% of total investments)
- → Around 35% of investment required in the States of Odisha, Maharashtra and Bihar
- → Majority of the projects are envisaged to be executed under appropriate PPP framework



# ROAD TRANSPORT AND HIGHWAYS



# **REASONS TO INVEST**

- → The transport sector constitutes more than 6% of the country's GDP.
- → India has an extensive road network of 4.86 Million km which is the second largest in the world.
- $\rightarrow$  More than 60% of freight and 90% of passenger traffic in the country is handled by road.
- → The Cabinet Committee on Economic Affairs (CCEA) has permitted 100 per cent equity divestment by private developers after two years of construction completion for all Build–Operate–Transfer (BOT) projects, irrespective of the year of

award of the project.

- → The private sector has emerged as a key player in the development of road infrastructure.
- → The value of roadways and bridge infrastructure in India is expected to grow at a CAGR of 17.4% between 2012-17, to reach USD 10 Billion.
- → The Indian government plans to develop a total of 66,117 km of roads under different programmes

# **INVESTMENT OPPORTUNITIES**

- → The Government of India plans to award 100 highway projects under the Public-Private Partnership (PPP) mode in 2016
- → National Highway Development Project (NHDP) is a seven phase project amounting to USD60 billion.
- → Chhattisgarh is planning to invest Rs 9,500 crore (US\$ 1.42 billion) to upgrade 44 roads in the state.
- → The Samajwadi Purvanchal Expressway a 348 km-long expressway with a total project cost of USD 2800 Million in the state of Uttar Pradesh
- → The Delhi Meerut Expressway (a 150 km long project with a total project cost of USD 1 Billion).
- $\rightarrow$  The Special Accelerated Road Development

Programme for the North-eastern region (SARDP-NE) is aimed at developing road connectivity between remote areas in the North-eastern region with state capitals and district headquarters – a three phase project; facilitating connectivity of 88 district headquarters in the North – eastern state to the nearest national highways.

### STATE: DELHI & UTTAR PRADESH

Hapur Section of NH-24 from Km 0 to Km 49.923 (Hapur Bypass) in the State of Delhi & Uttar Pradesh

### MODE OF IMPLEMENTATION

→ BOT (Toll)/Hybrid Annuity

### **PROJECT STATUS**

### **CURRENT STATUS**

- → Feasibility completed
- → PPPAC Documents prepared

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ UP Border-Dasna-INR 13760 Million (USD 211.7 Million)-Ready for bidding

### MODE OF FUNDING & FUNDING AGENCY

→ BOT (Toll)/Hybrid Annuity

### PROJECT DETAILS

### **PROJECT CONTOURS**

→ Project is for development of 6 Lane Expressway from km 0.000 to km 27.500 with 4 lane Service Road on either side and 6 lane Highway from km 27.500 to km 49.923 with 2 lane Service Road on either side.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

- → District: Eastern Delhi in Delhi
- → District: Ghaziabad and Hapur in UP

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing 4 Lane Road

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

→ National Highways Authority of India, G-5&6, Sector – 10, Dwarka, New Delhi – 110 075

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  Rajeev Yadav, General Manager (Tech)

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: PUNJAB

Four/Six Laning of Chandigarh to Ludhiana section of NH 95 and NH 21 Starting from Sector 39 Round about at Chandigarh km 0+000 (Design Chainage) to SamralaChowk Ludhiana km 86+199 (Design Chainage) of NH-95

### MODE OF IMPLEMENTATION

→ Hybrid Annuity Mode

### PROJECT STATUS

### **CURRENT STATUS**

→ DPR under preparation

### ANTICIPATED PROJECT TIMELINES

- $\rightarrow$  RFQ invited due date 28.01.2015 for Kharar to Ludhiana section
- → Anticipated to start in July, 2015

### APPROXIMATE PROJECT COST

→ INR INR 17480 Million (USD 268.9 Million). for Kharar - Ludhiana

### MODE OF FUNDING & FUNDING AGENCY

→ BOT (Toll)/Hybrid Annuity

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Six Laning of Kharar to Ludhiana Section of NH 95 and NH 21 Starting from Kharar Km. 10+185 (Design Chainage) to SamralaChowk Ludhiana km 86+199 (Design Chainage) of NH-95 (Total Length-76.014 km)

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Distt. Chandigarh, Ludhiana

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing 2 Lane Road

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

→ National Highways Authority of India, G-5&6, Sector – 10, Dwarka, New Delhi – 110 075

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri M.K. Jain, General Manager (Tech.) M:9650011901





### STATE: KARNATAKA

Four laning of Hubli – Hospet section of NH-63 from km.129.249 to km.267.000 in the State of Karnataka under NHDP Phase-IVB

### MODE OF IMPLEMENTATION

 $\rightarrow$  EPC

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Studies completed. Revised EPC Schedules are under submission by the DPR Consultant as per IRC SP 84/2014

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Package I:

INR 8802.5 Million (USD 135.4 Million)

→ Package II:

INR 8588.9 Million (USD 132.13 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government / EPC

### PROJECT DETAILS

### PROJECT CONTOURS

- → Package 1: From Km 129.249 to Km 193.493 (Hubli-Gadag)
- → Package 2: From Km 193.493 to Km 267.000 (Gadag to Hospet)

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

- → Package 1: District: Dharwad, Gadag
- → Package 2: District: Gadag, Koppal

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing 2 Lane Road

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ National Highways Authority of India, G-5&6, Sector – 10, Dwarka, New Delhi – 110 075

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri Navin Kumar, General Manager (Tech.) M:9811871987

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ODISHA

Four Laning from Singhara to Binjabahal Section (Km 310.806 to Km 414.982) of NH-6 in the State of Odisha

### MODE OF IMPLEMENTATION

→ PPP/EPC

### **PROJECT STATUS**

### **CURRENT STATUS**

→ DPR Completed

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ INR 10771.1 Million (USD 165.7 Million) for Kharar - Ludhiana

### MODE OF FUNDING & FUNDING AGENCY

→ Government /PPP/Hybrid Annuity

### PROJECT DETAILS

### PROJECT CONTOURS

→ Four Laning from Singhara to Binjabahal Section (Km 310.806 to Km 414.982) of NH-6 in the State of Odisha on Design, Build, Finance, Operate and Transfer, BOT (Toll) Basis under NHDP Phase-IV

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Mayurbhanj, Keonjhar

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing 2 Lane Road. Stretch is Part of NH-6 providing connectivity between Surat and Kolkata

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ National Highways Authority of India, G-5&6, Sector – 10, Dwarka, New Delhi – 110 075

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri Sanjay Saxena, General Manager (Tech.) M: 9828136150



### STATE: ODISHA

Rehabilitation and Upgradation to Four Laning of Binjhabahal to Telebani Section (km. 414.982 to km.492.590) of NH-6 in the State of Odisha

### MODE OF IMPLEMENTATION

→ PPP/Hybrid Annuity

### **PROJECT STATUS**

### **CURRENT STATUS**

→ DPR Completed

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ INR 9628.5 Million (USD 148.1 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Rehabilitation and Upgradation to Four Laning of Binjhabahal to Telebani Section (km. 414.982 to km.492.590) of NH-6 in the State of Odisha, on Design, Build, Finance, Operate and Transfer, BOT(Toll) Basis under NHDP Phase-IV

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Keojhar, Deogarh

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing 2 Lane Road.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ National Highways Authority of India, G-5&6, Sector – 10, Dwarka, New Delhi – 110 075

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri Sanjay Saxena, General Manager (Tech.) M: 9828136150

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: BIHAR

New 4-lane Ganga Bridge along with approaches

### MODE OF IMPLEMENTATION

 $\rightarrow$  EPC

### PROJECT STATUS

### **CURRENT STATUS**

→ Approval of Government is under process

### ANTICIPATED PROJECT TIMELINES

→ Project bidding date : 15/02/2016

### APPROXIMATE PROJECT COST

→ INR 4898.9 Million (USD 75.36 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Budgetary resources, NHAI

### PROJECT DETAILS

### PROJECT CONTOURS

 $\rightarrow$  Improvement of existing NH-31

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Mokama, Begusarai

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

ightarrow Already connected with existing NH-31

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ National Highways Authority of India, G-5&6, Sector – 10, Dwarka, New Delhi – 110 075

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri A. Srivastav, General Manager (Tech.) M: 9868281833



### STATE: UTTAR PRADESH

4-Laning of Lucknow-Sultanpur section of NH-56

### MODE OF IMPLEMENTATION

→ PPP-Hybrid Annuity

### **PROJECT STATUS**

### **CURRENT STATUS**

→ DPR Completed

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  NA

### / 19/1

### APPROXIMATE PROJECT COST

→ INR 12760 Million (USD 196.3 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP-Hybrid Annuity

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Plain Terrain

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ District: Lucknow, Barabanki, Raibareilly and Sultanpur Towns: Gosaiganj, Haidergarh, Jagdishpur

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing 2-lane facility connecting Lucknow to Sultanpur, which proposed to be upgraded to 4-lane.

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

→ National Highways Authority of India, G-5&6, Sector – 10, Dwarka, New Delhi – 110 075

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri J K Goyal, General Manager (Tech.) M: 9911120339

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: MAHARASHTRA

Four Laning of Solapur- Bijapur Section of NH-13 (NEW NH NO 52)(Four Lane) from km 0.000 to km 110.542(Design Length 109.08 km) in the states of Maharashtra and Karnataka.

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ DPR Completed

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ INR 14054.2 Million ( USD 216.21 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Four Laning of Solapur- Bijapur Section of NH-13 (NEW NH NO 52) (Four Lane) from km 0.000 to km 110.542(Design Length 109.08 km) in the states of Maharashtra and Karnataka to be executed under BOT (Toll) on Design, Build, Finance, Operate and Transfer (DBFOT) basis" under NHDP Phase III Project

### LOCATION – DISTRICT TALUKA, TOWN, VILLAGE

→ Solapur, Bijapur

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing: 2-lane facility connecting Lucknow to Sultanpur, which proposed to be upgraded to 4-lane.

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ National Highways Authority of India, G-5&6, Sector – 10, Dwarka, New Delhi – 110 075

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri A. K. Sharma, General Manager (Tech.) M: 9968309230

# PORTS AND SHIPPING



# **REASONS TO INVEST**

- → According to the Ministry of Shipping, around 95 per cent of India's trading by volume and 70 per cent by value is done through maritime transport. The Indian ports and shipping industry plays a vital role in sustaining growth in the country's trade and commerce.
- → The Indian Government plays an important role in supporting the ports sector. It has allowed Foreign Direct Investment (FDI) of up to 100 per cent under the automatic route for port and harbour construction and maintenance projects.
- → Government has also facilitated a 10-year tax holiday to enterprises that develop, maintain and operate ports, inland waterways and inland ports.
- → Special Economic Zones (SEZs) are being developed in close proximity to several ports comprising coal-based power plants, steel plants and oil refineries.

# **INVESTMENT OPPORTUNITIES**

- → Government of India plans to invest Rs 70,000 crore (US\$ 10.5 billion) in 12 major ports in the next five years under 'Sagarmala' initiative.
- → Government of India is planning to set up low-cost non-major ports along coastline under the Sagarmala project and has asked all the 12 major ports to accord priority berthing to such vessels and to encourage quicker movement of cargo.
- → Increasing investments and cargo traffic point towards a healthy outlook for the Indian ports sector. Providers of services such as operation and maintenance (O&M), pilotage and harbouring and marine assets such as barges and dredgers are benefiting from these investments.

- → Port development the opportunity to serve the spill-off demand from major ports.
- → Port support services operation and maintenance services such as pilotage, dredging, harbouring and provision of marine assets such as barges and dredgers.
- → Ship repair facilities in ports demand for ship repair services will increase, providing opportunities to build new dry docks and set up ancillary repair facilities.

### STATE: MAHARASHTRA

Port Based Multi-Product Special Economic Zone at JN Port, Navi Mumbai, India

### MODE OF IMPLEMENTATION

→ Overall planning and Implementation : Govt. Individual units in the SEZ: Private

### PROJECT STATUS

### **CURRENT STATUS**

→ In preliminary stages

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: 1st Mar, 2016
- → Construction End Date: 1st Mar, 2018

### APPROXIMATE PROJECT COST

→ Rs. 4420 Million (USD 68mn) Additional investments shall be received from the private players in the individual SEZ units.

### MODE OF FUNDING & FUNDING AGENCY

- → For SEZ Basic Infrastructure Development: Government Funding through Jawaharlal Nehru Port Trust.
- ightharpoonup Mode of Funding for SEZ Units: Investments from private firms based on their needs.

### PROJECT DETAILS

### PROJECT CONTOURS

→ Port Facilities: Spread over the total phase-I area of 277 hectares. Over 200 hectare of the processing area with focus on sectors like engineering, textile, FTWZ, non-conventional energy and electronics.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Adjacent to the Jawaharlal Nehru port area

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road:
- 4-lane National Highway (NH-4B) Widening to 6/8-lane plus service roads under process by NHAI
- 4-lane road SH-54 and Amara Marg (Port road) Widening to 6/8 lanes plus service roads is in progress
- Connectivity with Other States
- Connected to Bangalore and other Southern state by NH 17, NH4 and Expressway
- Connected to Delhi and other northern states through NH 3
- Connected to western region through NH 8
- → Rail Connectivity to the Site:
- Connected by single track rail line from Panvel station of Central Railway.
- Upcoming rail track across the site location to connect with the Dedicated Freight Corridor

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

- 9 Railway sidings/capacity of 27 container trains (90TEUs/train) per day
- → Airport Connectivity:
- Existing International Airport in Mumbai with export/import cargo handling facility is at a distance of 60 Km from INPT
- Upcoming Navi Mumbai International Airport at a distance of 15 km
- → Port Connectivity:
- The project site is within the Jawaharlal Nehru Port area and 4 Km away from the Operational area.
- The port is ranked 1st for Container cargo and Solid cargo traffic among all the Major Ports in India
- The port is an established outlet to Europe, Middle East and Africa for a sizable hinterland of western and central India.
- The future expansion projects of JNPT have been planned to be synchronized with trade needs as well as compliment overall port operations.
- Gateway connectivity with 34 Inland Container Depots (ICDs) and 29 Container Freight Stations (CFSs).
- → Coming up with 2 new container terminals, to reach a handling capacity of 10 mn TEUs per annum by 2020

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water, Power, Gas, & Logistics: All the necessary facilities like water, power etc. shall be provided to the SEZ unit holders. JNPT has already started the process of procuring power from MSEDCL

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ JNPT (The project will be jointly implemented by JNPT & MMB, with shareholding of 74% & 26% respectively)& PPP operator.

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. N. A. Deshpande, Manager –PPD, JNPT M: (091) 9920166500

Email: nit indespande@jnport.gov.in





### STATE: GUJARAT

Development of 14th Multipurpose Cargo (other than Liquid / Container) Berth on BOT Basis

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Implementation of this project to be taken up after re-structuring & implementation of 13th & 15th Cargo Berth

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: Aug, 2017
- → Construction End Date: Aug, 2019

### APPROXIMATE PROJECT COST

→ Rs. 2385.2 Million (USD 36.70 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government/ PPP

### PROJECT DETAILS

### PROJECT CONTOURS

→ To develop 300m long berth for handling multipurpose dry cargo through vessels up to 13m draft with handling capacity of 4.5 MTPA

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Kandla, Gujarat

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Two lane road connected with NH 8A
- → Rail Connectivity to the Site: In Progress
- → Airport Connectivity: 25km from project site (existing)
- → Port Connectivity: project site located within the existing Kandla port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ 10,500 Sq. M available for project Power 66 KVA sub station existing. Gas The existing Gas lines along/across the metro corridor will be shifted/diverted accordingly, if needed Logistics. All basic logistics exist

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Kandla Port Authority

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. Rajendra Prasad SE (D), KPT

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: GUJARAT

Setting up of a Container Terminal at Kandla Port on BOT Basis under PPP Mode

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Implementation of this project to be taken up after re-structuring & implementation of 11th & 12th Berths as Container Terminals

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: 1st Jan, 2018
- → Construction End Date: 31st Dec, 2022
- → Date of Commissioning: 1st Jul, 2018

### APPROXIMATE PROJECT COST

→ Rs. 23,000 Million (USD 353.85 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### PROJECT DETAILS

### **PROJECT CONTOURS**

→ To be finalized after the finalization of Feasibility Report / Structuring of the Project

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ New Kandla, Gandhidham, Gujarat

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: NA
- → Rail Connectivity to the Site: NA
- → Airport Connectivity: NA
- → Port Connectivity: NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water: NA
- $\rightarrow$  Power: NA
- → Gas: NA
- → Logistics: NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Kandla Port Authority

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. Rajendra Prasad SE (D)

### STATE: GUJARAT

Setting up of Multi-Purpose Cargo Berth Facilities (Other than Liquid & Container) at Tuni Tekra, on BOT Basis Kandla Port Stage II

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Feasibility Study under preparation

### **ANTICIPATED PROJECT TIMELINES**

- → Construction Start Date: 2018
- → Construction End Date: 2018
- → Date of Commissioning: 2018

### APPROXIMATE PROJECT COST

→ Rs. 12,500 Million (USD 192.31 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ BOT (PPP)

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Cargo handling capacity enhancement project

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Tuna near Tekra, Kandla Port, Kutch, Gujarat

### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: 2.5 Km (Appx) to be required to connected with the existing road of M/s AKBTPL
- → Rail Connectivity to the Site: 3 Km (Appx) to be required to connected with the existing Railway Line of M/s AKBTPL
- → Airport Connectivity: NA
- → Port Connectivity: 20km (approx.) by Road Connectivity

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Kandla Port Trust, Gandhidham

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. Rajendra Prasad SE (D)

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: TAMIL NADU

Development of Outer Harbour at V. O. Chidambaranar Port, Tuticorin

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Feasibility Study under preparation

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: 1st Sep, 2016
- → Construction End Date: 31st Mar, 2021

### APPROXIMATE PROJECT COST

→ Rs. 1,37,750 Million (USD 2.11 billion) - Phase I Development

### MODE OF FUNDING & FUNDING AGENCY

- → Execution of Infrastructure (Breakwaters, Dredging
- & Connectivity) Government
- → Cargo terminals (Containers & coal) PPP

### PROJECT DETAILS

### PROJECT CONTOURS

→ Extension (Eastwards) to the existing V.O.Chidambaranar Port. The project location is

relatively closer to the great East-West shipping route with potential to attract main-line container vessels.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Thoothukudi (Tuticorin)

### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Existing Road connectivity NH 45B, NH 138 (7A) SH 176 Well connected to Port area by 4 lane / 6 lane Roads
- → Rail Connectivity to the Site: Well connected to the Southern Railway Network (BG) Proposed to double the track between Tuticorin to Chennai
- → Airport Connectivity: Tuticorin Airport (at Vagaikulam) 22 km from the Port.
- → Port Connectivity: 20km (approx.) by Road Connectivity

### UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: Existing 20mgd water supply scheme to V.O.C Port

Power: Existing Power supply system of TNEB (TANGEDCO)

Gas: NA

Logistics: NA

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

- → Infrastructure V.O.C Port Trust, Tuticorin
- → Cargo terminals PPP (Yet to be selected)

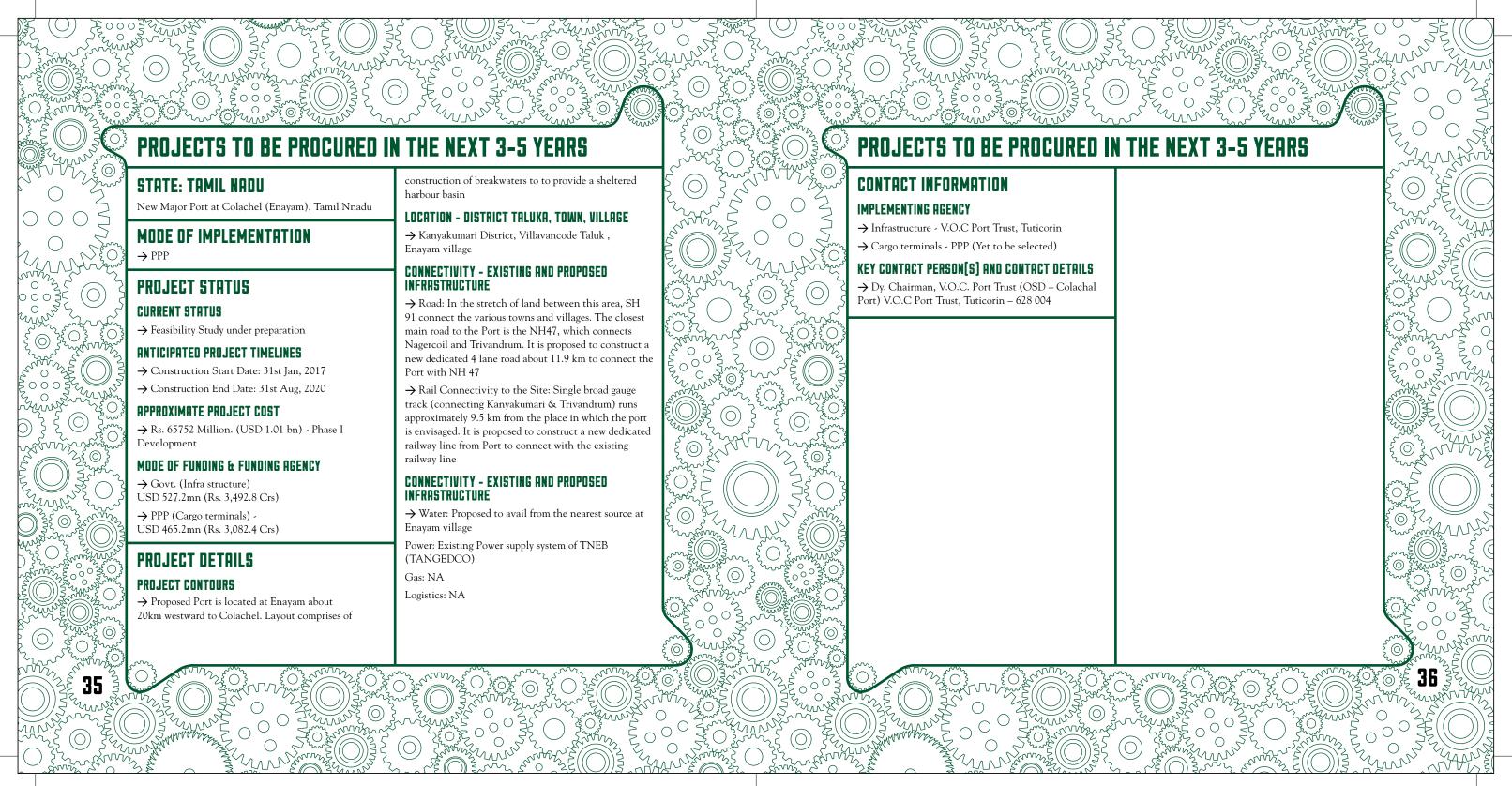
### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Chief Engineer V.O.C Port Trust, Tuticorin – 628 004









### STATE: KERALA

Free Trade Warehousing Zone (FTWZ) at Cochin Port

### MODE OF IMPLEMENTATION

 $\rightarrow$  PP

### PROJECT STATUS

### **CURRENT STATUS**

→ In preliminary stages

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: FY2017
- → Construction End Date: 3 years from the date of Award

### APPROXIMATE PROJECT COST

→ Rs. 6000 Million (USD 92.31 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ DBFOT

### PROJECT DETAILS

### PROJECT CONTOURS

→ To create trade related warehousing infrastructure to bridge the gap in the existing facilities relating to foreign trade with freedom to carry out trade transactions in free currency.

To function as International Trading Hub which serve as key links in global logistics and supply chains servicing both South India and the world.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Willingdon Island, Cochin Port Trust

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: NH 47A
- → Rail Connectivity to the Site: Ernakulam Junction Nearest rail head
- → Airport Connectivity: Cochin International Airport, Nedumbasserry
- → Port Connectivity: Cochin Port Trust

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water: NA
- → Power: NA
- → Gas: NA
- → Logistics: NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Cochin Port Trust

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr. C. Unnikrishnan Nair, Traffic Manager, Cochin Port Trust

Email: tm@cochinport.gov.in

Address: Cochin Port Trust, Administrative Building, Willingdon Island, Cochin -682 009, Kerala, India

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: KERALA

Development of a Hospitality Node in Cochin Port

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ In preliminary stages

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: Slated for award in 3 years time
- → Construction End Date: 4 years from the date of Award

### APPROXIMATE PROJECT COST

→ Rs. 31,000 Million (USD 476.92 Million(estimated)

### MODE OF FUNDING & FUNDING AGENCY

→ DBFOT

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Hospitality Node is a commercial development with functional mix of Hospitality, convention center and commercial complex. 22.38 Ha land from Port will be leased for 30 years. Developer to put up facility on DBFOT basis.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Willingdon Island, Kochi, Ernakulam, Kerala

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: NH 47A
- → Rail Connectivity to the Site: Ernakulam Junction Nearest rail head
- → Airport Connectivity: Cochin International Airport, Nedumbasserry
- → Port Connectivity: Cochin Port Trust

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

- → Water: NA
- $\rightarrow$  Power: NA
- → Gas: NA
- → Logistics: NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Cochin Port Trust

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  Smt. Gowri. S.Nair (Secretary, CoPT)

Email: secretary@cochinport.gov.in

Address: Cochin Port Trust, Administrative Building, Willingdon Island, Cochin -682 009, Kerala, India

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### STATE: KERALA

Development of a Business District in Cochin Port

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### PROJECT STATUS

### **CURRENT STATUS**

→ In preliminary stages

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: Slated for award in 3 years time
- → Construction End Date: 4 years from the date of Award

### APPROXIMATE PROJECT COST

→ Rs. 8300 Million (USD 127.69 Million) (Estimated)

### MODE OF FUNDING & FUNDING AGENCY

→ DBFOT

### PROJECT DETAILS

### PROJECT CONTOURS

→ Business District is a commercial development of port land and will house Commercial Complex, office building, and public space. 7.88 Ha land from Port will be leased for 30 years.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Willingdon Island, Kochi, Ernakulam, Kerala

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: NH 47A
- → Rail Connectivity to the Site: Ernakulam Junction Nearest rail head
- → Airport Connectivity: Cochin International Airport, Nedumbasserry
- → Port Connectivity: Cochin Port Trust

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- $\rightarrow$  Water: NA
- $\rightarrow$  Power: NA
- → Gas: NA
- → Logistics: NA

### **CONTACT INFORMATION**

### IMPLEMENTING AGENCY

→ Cochin Port Trust

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  Smt. Gowri. S.Nair (Secretary, CoPT)

Email: secretary@cochinport.gov.in

Address: Cochin Port Trust, Administrative Building, Willingdon Island, Cochin -682 009, Kerala, India

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: KERALA

Cochin Outer Harbour

### **MODE OF IMPLEMENTATION**

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ In preliminary stages

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: Slated for award in 3 years time
- → Construction End Date:

Project development: 1 year

Construction of breakwater : 3 years

Reclamation inside breakwater: 3 years

### APPROXIMATE PROJECT COST

→ Rs. 49,400 Million (USD 760 Million)

(construction of Breakwater & Reclamation of land)

### MODE OF FUNDING & FUNDING AGENCY

→ DBFOT

### PROJECT DETAILS

### PROJECT CONTOURS

- → Port Facilities: No of berths would vary with type of project developed in the back up area. It could include 14 container berths, 2 LNG berths and 1 POL berth
- → Non Port facilities could include
- → Export Oriented Refinery Unit.
- → Oil Trading Hub
- → Offshore Rig Fabrication Facility
- → Free Trade Ware Housing Zone
- → Ultra Mega Power Plant

### | LOCATION – DISTRICT TALUKA, TOWN, VILLAGE

→ Off shore of Puthuvypeen in Cochin Port limits

# CONNECTIVITY – EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: NH 47A
- $\boldsymbol{\rightarrow}$  Rail Connectivity to the Site: Ernakulam Junction Nearest rail head
- → Airport Connectivity: Cochin International Airport, Nedumbasserry
- → Port Connectivity: Cochin Port Trust

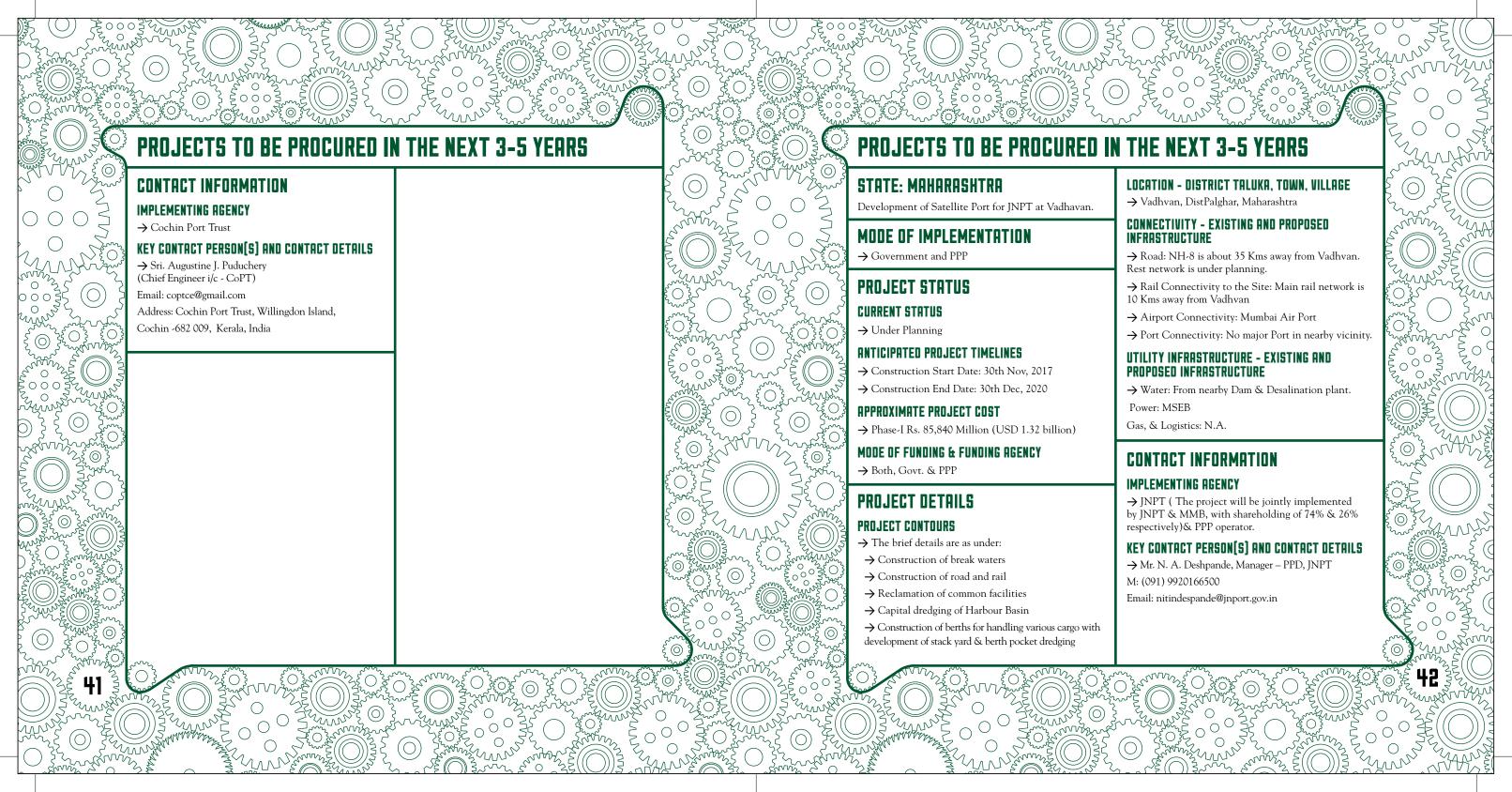
# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- $\rightarrow$  Water: NA
- $\rightarrow$  Power: NA
- → Gas: NA
- → Logistics: NA











### STATE: MAHARASHTRA

DDeepening and Widening of Mumbai Harbour Channel and JN Port Channel (Phase-II)

### MODE OF IMPLEMENTATION

→ Government

### PROJECT STATUS

### **CURRENT STATUS**

→ Under Planning The draft final DPR for handling vessels up to 15m draft approved. Submission pending.

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: 30th Sept, 2017
- → Construction End Date: 30th Sept, 2019

### APPROXIMATE PROJECT COST

→ Rs. 20,290 Million (USD 312.15 Million)
Excluding taxes & duties

### MODE OF FUNDING & FUNDING AGENCY

→ Government

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The Channel will be deepened & widened to handle 15m draft vessels by using tidal window. The project includes dredging in Soils & Rocks.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Raigad, Uran, Sheva, Navi Mumbai

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Road: N.A.

Rail Connectivity to the Site: N.A.

Airport Connectivity: Mumbai Air Port / Navi Mumbai Air Port

Port Connectivity: JNPT &MbPT

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water: From MJP / CIDCO
- → Power: MSEB
- → Gas, & Logistics: N.A.

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ JNPT (The project will be jointly implemented by JNPT & MMB, with shareholding of 74% & 26% respectively)& PPP operator.

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. N. A. Deshpande, Manager –PPD, JNPT M: (091) 9920166500

Email: nit indespande@jnport.gov.in

# CHEMICALS & PETROCHEMICALS



# **REASONS TO INVEST**

- → India is the third largest producer of chemicals in Asia and sixth by output in the world
- → The chemicals industry is a key constituent of the Indian economy, accounting for about 1.38% of the nation's GDP
- → India is currently the world's third largest consumer of polymers and fourth largest producer of agro-chemicals.
- → India's proximity to the Middle East, the world's source of petrochemical feedstock, makes for economies of scale

- → Strong government support for R&D.
- → Polymers and agro-chemicals industries in India present immense growth opportunities.
- → 100% FDI permitted through automatic route.
- → Upcoming Petroleum, Chemicals and Petrochemicals Investment Regions (PCPIR) & Plastic Parks will provide state-of-the-art infrastructure for Chemical & Petrochemicals Sector.
- → Trade in most of the chemicals is free except for those attracting provision of international conventions.

# **INVESTMENT OPPORTUNITIES**

### AGRO-CHEMICALS

- → India is the fourth largest producer of agrochemicals globally.
- → India exports about 50% of its current production and exports are likely to remain a key component of the industry.

### **SPECIALTY CHEMICALS**

- → The specialty chemicals market has witnessed a growth of 14% in the last five years; the market size is expected to reach USD 70 Billion by 2020.
- → India is currently the world's third largest consumer of polymers and growth in plastic demand will drive up consumption further.

### **COLOURANT CHEMICALS**

- → The Indian colourant industry is valued at USD 6.8 Billion, with exports accounting for nearly 75%
- ightharpoonup India accounts for 16% of global industry share and this figure is expected to further increase.

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ODISHA

Paradeep Petroleum Chemical and Petrochemical Investment Region

### MODE OF IMPLEMENTATION

→ Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Under Implementation Project Start Date: 03/11/2011

### ANTICIPATED PROJECT TIMELINES

→ Commissioning schedule: Q1, 2016

### APPROXIMATE PROJECT COST

 $\rightarrow$  Rs. 197310 Million (USD 3.03 billion)

### MODE OF FUNDING & FUNDING AGENCY

→ Government/ PPP

### **PROJECT DETAILS**

### **PROJECT CONTOURS**

→ The project aims at promotion of investments, providing boost to manufacturing, augmenting of exports and generation of employment. Rationale for the project is that substantial investments in the Refinery and Petrochemical Cracker segments would lead to other investments in this sector. Investments worth INR 45,000 Cr already made.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Paradeep, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: Upgradation of NH-5A to Paradeep Port completed, Astrang – Paradeep PCPIR – Dharma port coastal corridor being finalized: Rail – Paradeep dedicated freight corridor under construction, freight station proposed by mid-2016: Airport connectivity with Bhuwaneshwar airports, new airport proposed in Paradeep PCPIR: Ports – Paradeep port, Dharma port, Astrang port, Gopalpur port under upgradation

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: DPR for water supply prepared by WAPCOS, detailed design in process, Power: Grid connectivity – 220kv double circuit line operated by Odisha Power Transport Corporation, 400Kv transmission ring being connected, Gas: Surat Paradeep gas transmission line being implemented by GAIL, MoU b/w IOCL and Dharma Port Company for LNG terminal

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Industrial Development Corporation (IDCO)

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  Principal Secretary, Industries Department, Govt. of Odisha

### STATE: GUJARAT

Dahej Petroleum Chemical and Petrochemical Investment Region

### MODE OF IMPLEMENTATION

→ Government

### PROJECT STATUS

### **CURRENT STATUS**

→ Under Implementation Project Start Date: 07/01/2010

### ANTICIPATED PROJECT TIMELINES

→ Commissioning schedule: Q1, 2016

### APPROXIMATE PROJECT COST

→ Rs. 15,4360 Million (USD 2.37 billion)

### MODE OF FUNDING & FUNDING AGENCY

→ Government/ PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The project aims at promotion of investments, providing boost to manufacturing, augmenting of exports and generation of employment. Rationale for the project is that substantial investments in the Refinery and Petrochemical Cracker segments would lead to other investments in this sector. Investments worth INR 70,649 Cr already made.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Dahej, Bharuch, Gujarat

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: Upgradation of Dahej-Bharuch State highway completed, PCPIR internal roads construction in process: Rail Connectivity with Delhi-Mumbai dedicated freight corridor: Airport connectivity with Ahemdabad, Vadodra & Surat airports, Govt. approval accorded for PCPIR greenfield airport: Ports – Old Dahej port revival to take place

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: 3 existing water reservoirs, water supply capacity of 416 Million liter per day, Power: Grid connectivity – 2 220kv sub-stations at Dahej & Vilayat, Torrent Power's 1600MW gas plant under execution, Gas: All gas suppliers operating in Gujarat will extend network to PCPIR

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

 $\rightarrow$  NA

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  NA

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: TAMIL NADU

Cuddalore – Nagapattinam Petroleum Chemical and Petrochemical Investment Region

### MODE OF IMPLEMENTATION

→ Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Under Implementation Project Start Date: 20/02/2014

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

 $\rightarrow$  Rs. 13,3540 Million (USD 2.05 billion)

### MODE OF FUNDING & FUNDING AGENCY

→ Government/ PPP

### PROJECT DETAILS

### PROJECT CONTOURS

→ The project aims at promotion of investments, providing boost to manufacturing, augmenting of exports and generation of employment. Rationale for the project is that substantial investments in the Refinery and Petrochemical Cracker segments would lead to other investments in this sector. Investments worth INR 8,100 Cr already made.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Cuddalore-Nagapattinam, Tamil Nadu

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: Proposed upgradation of NH-45A, State Highway 10, PCPIR internal roads to be constructed, Rail: Double lining of Villupuram-Mailaduthurai stretch is to be taken up: Airport connectivity with Chennai, Tiruchirapalli & Puducheri Airport: Ports – Thiruchopuram Port being developed by NOCL & CPCL, deep sea port in Nagapattinam

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: 300 MLD capacity sea water desalination plant proposed, Power: Private sector power plant with >INR 2500 Cr investment under construction, Gas: IOCL has proposed Ennore-Cuddalore-Nagapattinam pipeline for LNG evacuation from Ennore LNG Terminal

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

ightarrow Tamil Nadu Industrial Development Corporation (TIDCO)

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\boldsymbol{\rightarrow}$  Principal Secretary, Industries Department, Govt. of Tamil Nadu

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### STATE: ANDHRA PRADESH

Vishakhapatnam –Kakinda Petroleum Chemical and Petrochemical Investment Region

### MODE OF IMPLEMENTATION

→ Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Under Implementation Project Start Date: 01/10/2009

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Rs. 18,3710 Million (USD 2.82 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government/ PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The project aims at promotion of investments, providing boost to manufacturing, augmenting of exports and generation of employment. Rationale for the project is that substantial investments in the Refinery and Petrochemical Cracker segments would lead to other investments in this sector. Investments worth INR 37,010 Cr already made.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Vishakhapatnam-Kakinada, Andhra Pradesh

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road:138 Km long 6 lane green field expressway from Gangavaram Port to Kakinada port proposed, Rail: Chennai-Howdah line serving the area, Kakinada port to PCPIR rail link proposed, AP SEZ to Gangavaram port proposed, Airport: International airport at Vishakhapatnam proposed, Rajamundry airport to be upgraded: Ports – Vishakhapatnam, Gangavaram and Kakinada ports

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road:138 Km long 6 lane green field expressway from Gangavaram Port to Kakinada port proposed, Rail: Chennai-Howdah line serving the area, Kakinada port to PCPIR rail link proposed, AP SEZ to Gangavaram port proposed, Airport: International airport at Vishakhapatnam proposed, Rajamundry airport to be upgraded: Ports – Vishakhapatnam, Gangavaram and Kakinada ports

### CONTACT INFORMATION

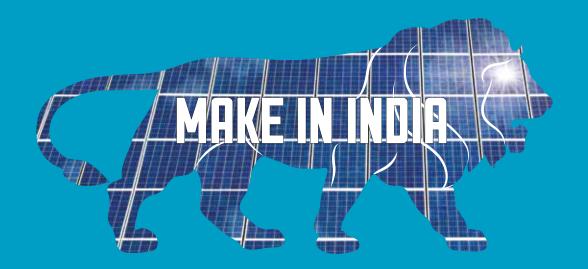
### **IMPLEMENTING AGENCY**

→ TVK PCPIR Special Development Authority

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Secretary (Industries), Govt. of Andhra Pradesh Tel. 040-23450456 Email – prlsecy.industries@gmail.com

# POWER



# **REASONS TO INVEST**

- → The government is targetting a capacity addition of 88.5 GW during 2012-17 and 86.4 GW during 2017-22.
- → The National Tariff Policy (2006) ensured adequate return on investment to companies engaged in power generation, transmission and distribution and to companies producing assured electricity to end users at affordable and competitive rates.
- → Launch of the Ultra Mega Power Project (UMPP) scheme through tariff-based competitive bidding.
- → As of March 31, 2013, total coal reserves stood at 298.94 Billion Tonnes, out of which 123.19 Billion Tonnes were proven reserves.
- → Proven natural gas reserves measure up to 1,354.76 Billion cubic meters.

- → Wind energy is the largest renewable energy source in India. The Jawaharlal Nehru National Solar Mission aims to generate 1,00,000 MW of solar power by 2022, creating a positive environment among investors keen to tap into India's potential.
- → The country offers unlimited growth potential for the solar PV industry.

# **INVESTMENT OPPORTUNITIES**

- → Power Generation, Transmission and Distribution, Power trading and Power exchanges
- → India has vast untapped renewable energy resources wind energy has installed capacity of 23.44 GW and an estimated potential of 102.8 GW.
- $\rightarrow$  Small hydro has installed capacity of 4 GW and an estimated potential of 19.7 GW.
- → Bio-power (including biomass and bagasse cogeneration) has an installed capacity of 4.4GW as opposed to an estimated potential of 22.5 GW.

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 $\rightarrow$  Solar power has installed capacity of 3.74 GW with the potential of 7.48 GW.

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: MAHARASHTRA

KHURJA SUPER THERMAL POWER PROJECT (2x660MW)

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Under Implementation Project Start Date: December 2017

### ANTICIPATED PROJECT TIMELINES

→ March'2022

### APPROXIMATE PROJECT COST

 $\rightarrow$  Rs. 104980 Million (USD 1.61 Billion)

### MODE OF FUNDING & FUNDING AGENCY

→ Government. Debt equity ratio of 70:30. The equity shall be arranged by THDCIL from its internal resources

### **PROJECT DETAILS**

### PROJECT CONTOURS

- → 2x660MW Khurja STPP is being implemented
- → The plant shall be based on Supercritical Technology.
- → The project shall be based on domestic coal. The annual consumption of the coal shall be 6.7MTPA in Phase-I.

→ Project being set up to mitigate the power shortage of Northern Region through capacity addition of 9828 Million Unit per annum in Phase-I.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Villages: Dushahara Kherli, Rukunpur, Jahanpur, Uncha Gaon Tehsil: Khurja Disttrict: Bulandshahar

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road:Located on NH-91, Danwar Railway Station is about 5 km from the project, Delhi Airport is about 90km from the project

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water Commitment for 53cusecs is given by Water Resources Department of Uttar Pradesh. 1320MW power to be generated by the Project in Phase-I.

Construction power shall be drawn from UPPTCL ( 220/33KV substation is located in Khurja at 13kms from the project.)

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Ministry of Power

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  NA

### STATE: ARUNACHAL PRADESH

DIBANG MULTIPURPOSE PROJECT

### **MODE OF IMPLEMENTATION**

→ Government by NHPC

### PROJECT STATUS

### **CURRENT STATUS**

→ Under Implementation Project Start Date: April '18

### **ANTICIPATED PROJECT TIMELINES**

→ April '27

### APPROXIMATE PROJECT COST

→ Rs. 260,000 Million (USD 4 Billion)

### MODE OF FUNDING & FUNDING AGENCY

→ Government.

### **PROJECT DETAILS**

### **PROJECT CONTOURS**

→ The project envisages construction of 278 m high concrete gravity dam & underground power house. The installed capacity of Project is 2880 MW & annual energy generation is 11184 MU.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Lower Dibang Valley

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: NH-37 & NH-52 -680 km, alternate Route available. Nearest railway station is Dibrugarh and airport is Dibrugarh

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  The Project is hydro-electric project on river Dibang/ Tangon

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ NHPC Ltd, NHPC Office Complex, Sector-33, Faridabad, Haryana- 121003.

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sh. K. L. Solanki, General Manager, Dibang Multipurpose Project, Roing, Arunachal Pradesh- 792 110. E-mail-dmp\_nhpc@yahoo.com

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: BHUTAN

BUNAKHA HE PROJECT (180MW)

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Under Implementation Project Start Date: 01/03/2018

### ANTICIPATED PROJECT TIMELINES

→ 01/12/2023

### APPROXIMATE PROJECT COST

→ Rs. 16228.5 Million (USD 249.67 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### PROJECT DETAILS

### PROJECT CONTOURS

→ Live Storage : 250 MCM Energy Benefits from :

→ 1. Bunakha : 719.09MU

 $\rightarrow$  2. D/s projects

→ Chukka HPP: 255.48MU

→ Tala HPP : 490.04 MU

→ Wangchu HEP: 186.51 MU

- → Tariff at April, 2015 PL
- → Levelized: Rs 6.40/Kwh
- → 1st Yr: Rs 6.84/Kwh

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Village Bunakha, District : Chukha, Bhutan

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Connected by road. Closest railway station -Hashimara (West Bengal, Airport – Paro (Bhuitan), Port – Kolkata (West Bengal)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water (by river Wangchu), Power and Logistics utilities available

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Ministry of Power

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  NA





### STATE: JAMMU & KASHMIR

KWAR (540 MW) HYDRO ELECTRIC PROJECT IN IAMMU & KASHIMIR

### MODE OF IMPLEMENTATION

→ Government- JV between NHPC, JKSPDC & PTC

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Topographical studies completed

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Rs. 44281 Million (USD 681.23 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government JV 70% Loan& 30% equity. Equity to be funded by NHPC, JKSPDC & PTC.

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The Project aims at harnessing power potential of river Chenab by constructing Dam of height 109 m and discharging the water back into river Chenab. Anticipated output is 540 MW and 2075.37 MU.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Kishtwar District, Village- Padyama

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ 140 kms from NH1A, 200 Km from Udhampur Railway station and 270 kms from Jammu Airport

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ The Project is hydro-electric project on river Chenab.

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Managing Director, CVPP (P) Ltd., 2nd Floor, JKPCC Building, Rail Head Complex, Panama Chowk, Jammu-180006 (J&K).

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sh. B.R.Saraf , Executive Director, Chenab Valley Power Projects (Pvt.) Ltd.

0129-2271425 (O), 9871467202 (Mob)

E-mail-brsaraf2002@vahoo.com

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: BIHAR

1320 MW PIRPAINTI THERMAL POWER PROJECT, BHAGALPUR, BIHAR

### MODE OF IMPLEMENTATION

→ Government JV. JV formation under process

### **PROJECT STATUS**

### **CURRENT STATUS**

→ The Project is under approval stage

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

 $\rightarrow$  Rs. 92400 Million (USD 1.42 Billion)

### MODE OF FUNDING & FUNDING AGENCY

→ Government JV 70% Loan & 30% equity. Equity to be funded by NHPC & BSPGCL

### **PROJECT DETAILS**

### PROJECT CONTOURS

- ightharpoonup 2 X 660 MW unit based on the Super Critical Technology which operate above the steam/water critical pressure of 221.2 bar.
- → A total of 9828.72 MU of energy (at 85% PLF) will be generated per year. After taking in to account

the auxiliary consumption, 9312.71 MU energy will be available ex-power station Bus Bar when both the units are commissioned

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Near the Pirpainti block of Bhagalpur District which is about 60 Km from the Bhagalpur Town

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ 50 Kms east of Bhagalpur City and located near NH-80. Railway station-Pirpainti is 2-3 km. Nearest airport is Patna,. The nearest major sea-port to the site is Haldia, West Bengal.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Government JV- JV formation between NHPC (74% share) and BSPGCL (26% share) under process

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ CMD, NHPC Ltd, NHPC Office Complex, Sector-33, Faridabad, Haryana- 121003.

### STATE: JAMMU & KASHMIR

BURSAR HE PROJECT (800 MW) IN JAMMU & KASHMIR

### MODE OF IMPLEMENTATION

→ Government by NHPC

### PROJECT STATUS

### **CURRENT STATUS**

→ The Project is under Survey and investigation

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Rs. 237,450 Million (USD 3.65 Billion)

### MODE OF FUNDING & FUNDING AGENCY

→ Government.

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Bursar HE Project proposed on river Marusudhar with tentative installed capacity of 800 MW. The Project was declared as national Project by MoWR.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Kishtwar

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ NH 18 and closest airport and station is Jammu

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ The Project is hydro-electric project on river Marusudar.

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Ministry of Power

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  NA

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: MANIPUR

LOKTAK DOWNSTREAM HE PROJECT (66 MW) IN MANIPUR

### MODE OF IMPLEMENTATION

→ Government- JV between NHPC & Govt. of Manipur

### **PROJECT STATUS**

### **CURRENT STATUS**

→ The Project is for Techno-economic appraisal

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Rs. 15975.1 Million (USD 245.77 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government JV 70% Loan& 30% equity. Equity to be funded by NHPC & Govt. of Manipur.

### PROJECT DETAILS

### PROJECT CONTOURS

→ Loktak Downstream Hydroelectric Project is located on river Leimatak near Tousang village in Tamenglong district of Manipur. The project envisages construction of 20m high concrete gravity dam above

river bed level, a 5m dia.5.85km long Head Race Tunnel, one 12.5m dia., 61m deep surge shaft and surface power house to generate 66MW comprising 2 units of 33MW each.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

- → District : Tamenglong
- → Dam Site: Near Tousang village

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ The dam site is connected by a link road from NH-53 at Tupul village through Thangal village. Total distance of proposed dam site from NH-53 is nearly 30 km. The nearest broad gauge rail head is Dimapur, Nagaland, The existing Airport is at Imphal, Manipur

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

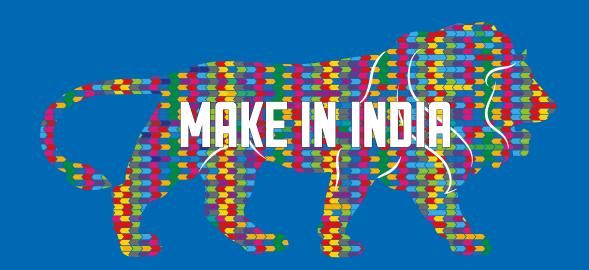
→ Government JV- JV formation between NHPC (74% share) and BSPGCL (26% share) under process

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ CMD, NHPC Ltd, NHPC Office Complex, Sector-33, Faridabad, Haryana- 121003.



# DELHI-MUMBAI INDUSTRIAL CORRIDOR



# DELHI MUMBAI INDUSTRIAL CORRIDOR (DMIC)

Delhi-Mumbai Industrial Corridor is a mega infra-structure project of USD 90 billion with the financial & technical aids from Japan, covering an overall length of 1483 KMs between the political capital and the business capital of India, i.e. Delhi and Mumbai.

A MOU was signed in December 2006 between Vice Minister, Ministry of Economy, Trade and Industry (METI) of Government of Japan and Secretary, Department of Industrial Policy & Promotion (DIPP). A Final Project Concept was presented to both the Prime Ministers during Premier Abe's visit to India in August 2007.

The overall corridor would include development of green-field cities, as world class investment destinations. Investment regions such as Dholera in Gujarat and Dadri in UP are being developed as key logistics and industrial hubs. Similar investment regions are being planned and are under execution in states of Rajasthan, Madhya Pradesh and Maharashtra.

Government of India has announced establishing of the Multi-modal High Axle Load Dedicated Freight Corridor (DFC) between Delhi and Mumbai, covering an overall length of 1483 km and passing through the six States - U.P, NCR of Delhi, Haryana, Rajasthan, Gujarat and Maharashtra, with end terminals at Dadri in the National Capital Region of Delhi and Jawaharlal Nehru Port near Mumbai. Distribution of length of the corridor indicates that Rajasthan (39%) and Gujarat (38%) together constitute 77% of the total length of the alignment of freight corridor.

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### STATE: GUJARAT

DHOLERA SPECIAL INVESTMENT REGION

### MODE OF IMPLEMENTATION

→ Government.

# PROJECT STATUS CURRENT STATUS

→ SPV is created between GoI and GoG for project implementation.

### ANTICIPATED PROJECT TIMELINES

→ Feb-16 to July - 19

### APPROXIMATE PROJECT COST

→ INR 27850 Million (USD 428.46 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ District- Ahmedabad, Taluka- Dholera (Includes 22 villages)

# PROJECT DETAILS PROJECT CONTOURS

→ Create a futuristic Industrial City

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ District- Ahmedabad, Taluka- Dholera (Includes 22 villages)

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ EXISTING: Ahmedabad-Bagodara-Federa-Pipli-Dholera SIR (NH8A-SH1-SH40-SH6), AhmedabadVataman-Dholera SIR (SH4-SH6). The nearest station to Dholera SIR is Bhimnath station.
Ahmedabad Airport is 110 kms from SIR. Pipava Port is 200kms from SIR and has feeder Rail and Road connectivity.

→ UPCOMING: 6-lane Greenfield Expressway between Ahmedabad and Dholera SIR (103 km). Ahmedabad - Botad rail link from Meter gauge (MG) to Broad gauge (BG) of approx. 75 kms. New rail line between Bhimnath and Dholera SIR approx 35 kms. Dholera International Airport is proposed – 7 kms from SIR.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ PROPOSED: Sewerage, Storm water & Wastewater drainage, Power, Potable water, Recycled water etc is being planned under the city roads

## CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ SPV is being incorporated under DMICDC, a joint venture company between Government of India and State Government of Gujarat is being incorporated. Till date State Nodal Agencies like GIDB and DSIR Development Authority are coordinating the DMIC work.

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Ajay Bhadoo, CEO, GIDB, 079-23232701

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: UTTAR PRADESH

INTEGRATED INDUSTRIAL TOWNSHIP GREATER NOIDA LIMITED

### MODE OF IMPLEMENTATION

 $\rightarrow$  Government.

# PROJECT STATUS CURRENT STATUS

→ Physical Master Plan is prepared. ICT Master Plan is under preparation.

### ANTICIPATED PROJECT TIMELINES

→ Feb – 16 to Jan - 18

### APPROXIMATE PROJECT COST

→ INR 4260 Million ( USD 65.38 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government

# PROJECT DETAILS PROJECT CONTOURS

→ Create a futuristic Industrial City

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Noida

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ EXISTING: The project site is connected to Greater NOIDA, NOIDA and Delhi through the Yamuna

Expressway via three existing 60m sector roads. The project site is located along Delhi-Howrah railway line, located near Ajayabpur station. Nearest Airport is Indira Gandhi International airport which is 50 km aerial distance from Project site.

→ PROPOSED: DNGIR, NH 91/GT Road and Eastern Peripheral Expressway

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ GNIDA to provide 23.33 MLD water supply. State utilities to provide Power supply – 182 MVA Gas pipeline is proposed Proposed Internal Roads of 15 km ranging from 35m to 60m.

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Integrated Industrial Township Greater Noida Limited, H-169 Chitvan Estate, Sector Gamma II, Greater Noida, Uttar Pradesh-201308

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\boldsymbol{\rightarrow}$  Mr. Deepak Agarwal, CEO, IITGNL 0120-2326134

### STATE: MAHARASHTRA

DHOLERA SPECIAL INVESTMENT REGION

### MODE OF IMPLEMENTATION

→ Government.

# PROJECT STATUS CURRENT STATUS

 $\boldsymbol{\rightarrow}$  Physical Master Plan is prepared. ICT Master Plan is under preparation.

### ANTICIPATED PROJECT TIMELINES

→ Dec-16 to June-18

### APPROXIMATE PROJECT COST

→ INR 15330 Million (USD 225.85 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government

# PROJECT DETAILS PROJECT CONTOURS

→ Create a futuristic industrial city

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Aurangabad

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ EXISTING: Close to existing MSH 6. The nearest major station is Aurangabad and is 35 km from Shendra. The nearest airport is Chikhalthana airport of Aurangabad and is just 12km from the site. The nearest port is JNPT and is about 380km form Shendra.

→ PROPOSED: Two new ROB's are built to connect Shendra to the existing highway. Paithan Road is being converted into 4 lane highway. Total length of the internal roads is about 47km.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → PROPOSED PROJECTS:
- → Water supply (42 MLD)
- → Power supply (220 KV)
- → Gas pipeline
- → JNPT dry port

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Aurangabad Industrial Township Limited, Udyog Sarathi, MIDC Office, Marol Indl Area, Andheri (East), Mumbai-400093

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Vikram Kumar, CEO, AITL M: 022-26870800, 26879956

# **PROJECTS READY FOR PROCUREMENT IN FY 2016-17**

### STATE: MADHYA PRADESH

INTEGRATED INDUSTRIAL TOWNSHIPVIKRAM UDYOGPURI LIMITED

### MODE OF IMPLEMENTATION

 $\rightarrow$  Government.

## **PROJECT STATUS**

**CURRENT STATUS** 

→ Physical Master Plan is prepared. ICT Master Plan is under preparation.

### ANTICIPATED PROJECT TIMELINES

→ Nov-15 to Oct-17

### APPROXIMATE PROJECT COST

→ INR 3320 Million (USD 51.07 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government

# PROJECT DETAILS PROJECT CONTOURS

→ Create a futuristic industrial city

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Ujjain

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ EXISTING: NH-3 Mumbai - Delhi Road is 20 Km away from VUL site, SH-18 Ujjain - Dewas 4Km.

Ujjain Railway Rout 2 Station at VUL Boundary, Karcha Railway Station & Undas Madhopur Railways Station. Indore Airport at 55 Km from the project site. Mumbai JNPT Port is 650 kms away and Gujarat Kandla Port is 720Km away from site.

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

- → PROPOSED UTILITY INFRASTRUCTURE:
- → Water supply (13 MLD)
- → Power supply (84 MVA)
- → Gas pipeline

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

→ Vikram Uduogpuri Limited, NANA KHEDA, BUS STAND PARISAR MAIN GATE, GROUND FLOOR, UJJAIN, MADHYA PRADESH - 456010

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Santosh Verma, MD, AKVN (Ujjain) M: 0734 - 2524980/81



# RAILWAYS



# **REASONS TO INVEST**

- → 100% FDI in the railway infrastructure segment has been allowed recently which has opened up opportunities for participation in infrastructure projects such as high-speed railways, railway lines to and from coal mines and ports, projects relating to electrification, high-speed tracks and suburban corridors.
- → The Indian Railway network is growing at a healthy rate. In the next five years, the Indian railway market will be the 3rd largest, accounting for 10 per cent of the global market.
- → Indian Railways is focusing on finishing the capacity-augmentation projects that have the highest rates of return
- → The sector aims to boost passenger amenities by involving PPP investments in provision of foot-over bridges, escalators and lifts at all major stations.
- → Japan has offered to provide loan at less than one per cent interest rate for India's first bullet train between Mumbai and Ahmedabad costing US\$ 15 billion, on the condition that India buys 30 per cent

- of equipment from Japanese firms.
- → The Government of India will be spending Rs 850,000 crore (US\$ 127.62 billion) over the next five years to modernize Indian Railways for which they have received a 30 year loan from LIC.
- → Encouraging private sector participation in Railways, Mr Suresh Prabhu, in his maiden Railway Budget, amalgamated public welfare with private investment. While investment through public-private partnerships (PPP) was increased to Rs 5,781 crore (US\$ 867.94 Million), several schemes for improving efficiency of the Railways were kept under this head.
- → To strengthen rail connectivity with various ports, IR has floated SPVs under the PPP mode. Pipavav Rail Corporation Ltd., Bharuch-Dahej Railway Company Ltd., Kutch Railway Company Ltd., Hassan-Mangalore Rail Development Company, Obullavaripalle-Krishnapatnam Railway Company Ltd., and Anugul-Sukinda Railway Company Ltd., have been established.

# **INVESTMENT OPPORTUNITIES**

- → Manufacture of components.
- → Infrastructure projects:
- 1. High speed train projects.
- 2. Railway lines to and from coal mines and ports.
- 3. The re-development of railway stations.
- 4. Projects relating to electrification, high-speed tracks and suburban corridors.

- 5. Dedicated freight corridors
- 6. Power generation and energy-saving projects.
- 7. Freight terminals operations.
- 8. Setting up of wagon, coaches and locomotive units.
- 9. Gauge conversion.
- 10. Network expansion.

### STATE: BIHAR

DHOLERA SPECIAL INVESTMENT REGION

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

# PROJECT STATUS CURRENT STATUS

 $\rightarrow$  NA

### ANTICIPATED PROJECT TIMELINES

→ Construction start date: Between 01/03/2016 to 30/05/2016 Construction end date: 1/03/19

### APPROXIMATE PROJECT COST

→ INR 13000 Million (USD 200 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

# PROJECT DETAILS PROJECT CONTOURS

→ The Locomotive Factory will attract significant FDI apart from creating opportunities for direct and indirect employment. There would be transfer of technology to manufacture various components in India as only 5 locos would be imported and rest locos are to be manufactured in India. The project has the potential of developing India as a manufacturing hub for manufacture of State-of-Art locomotives in South East Asia. 800 locomotives to

be procured. Out of which 5 will be imported and balance 795 will be made in India.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

- → District/Taluk/Town Madhepura
- → Village Chakala

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → 482 m road strengthening and 361 m road connectivity to factory to be provided.
- $\rightarrow$  4.0 km rail connectivity to factory to be provided.
- → Patna (about 300 km)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ PROPOSED: 2 nos water tank and bore tubewells. 132/33 kv sub station and 132 kv Transmission Line to be provided.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Ministry of Railways

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. S.K.Saha, Executive Director Electrical Engg. (Dev), Mob: 9910487337

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: NA

Procurement of EMU Train Sets

### MODE OF IMPLEMENTATION

→ Government

# PROJECT STATUS CURRENT STATUS

 $\rightarrow$  NA

### ANTICIPATED PROJECT TIMELINES

→ Construction of maintenance depot will start within 6 months of Appointed Date and will completed within 2 years of Appointed Date. Supply of prototype after 3 months from 2nd Anniversary of the Appointed Date and the supply will be completed in 5 years

### APPROXIMATE PROJECT COST

→ INR 25000 Million (USD 384.61 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

- $\Rightarrow$  15 Tran Sets 315 Cars; out of 315 Cars 40 could be imported and 275 to be Made in India.
- → Train Sets on Rajdhani and Shatabdi routes having increased capacity, energy efficient and also reduce journey time by 20%.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

- → District/Taluk/Town Madhepura
- → Village Chakala

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Ministry of Railways

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. S.K.Saha, Executive Director Electrical Engg. (Dev), Mob: 9910487337





#### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 PROJECTS READY FOR PROCUREMENT IN FY 2016-17 STATE: WEST BENGAL LOCATION - DISTRICT TALUKA, TOWN, VILLAGE CONTACT INFORMATION → District (Revenue District): North 24-Parganas, Setting up of Rail Coach Factory at Kanchrapara IMPLEMENTING AGENCY West Bengal → Ministry of Railways MODE OF IMPLEMENTATION → Taluk: Barrackpore-I KEY CONTACT PERSON(S) AND CONTACT DETAILS → Town: Kanchrapara $\rightarrow$ PPP → Village: Balibhara No. 9 → Mr. S.K.Saha, Executive Director Electrical Engg. (Dev), Mob: 9910487337 PROJECT STATUS CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE **CURRENT STATUS** → Off Barrackpore-Kalyani Expressway, SH-1, $\rightarrow$ NA proximate to NH 2 and NH 32. ANTICIPATED PROJECT TIMELINES → On Sealhdah-Ranaghat suburban section of → Construction will be completed within Eastern Railway, required rail connectivity with site ex three year of award Halisahar ~ 0.3 km. Nearest rail head: Kanchrapara/ Halisahar. APPROXIMATE PROJECT COST → Existing: Netaji Subhas International Airport, → Factory: INR 8600 Million (USD 132.30 Million) Dumdum, Kolkata → Procurement: As per Budget Estimate of 2011-12, UTILITY INFRASTRUCTURE - EXISTING AND the funds requirement is Rs 105910 Million PROPOSED INFRASTRUCTURE MODE OF FUNDING & FUNDING AGENCY → Proposed: 2 nos water tank and bore tubewells. $\rightarrow$ PPP $\rightarrow$ 132/33 kv sub station and 132 kv Transmission Line to be provided. PROJECT DETAILS → Abundant availability of water ex Hooghly river. PROJECT CONTOURS Water supply facility including water pumping station → The coaches shall be of state-of-the-art and 50000 gallon water tank built. technology with IGBT propulsion system and of → Sufficient power available. For the site/factory – stainless steel design. The latest technology that is 33kV exclusive substation and 33kV double circuit proposed for the purpose will yield relatively durable power line ~ 12 km nearing completion. and less maintenance intensive coaches. → For manufacturing 500 EMU/MEMU coaches per annum over a period of 10 years. 69

#### STATE: BIHAR

Setting up of Diesel Locomotive Factory at Marhowra

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

# PROJECT STATUS CURRENT STATUS

 $\rightarrow$  NA

#### \_ \_ \_ \_ \_ \_

#### **ANTICIPATED PROJECT TIMELINES**

→ Construction start date: Between 01/03/2016 to 30/05/2016 Construction end date: 1/03/19

#### APPROXIMATE PROJECT COST

→ INR 10000 Million (USD 153.84 Million)

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ The project includes supply of 1000 locomotives (700 nos. of 4500 HP and 300 nos. of 6000 HP) at a basic cost of about Rs.14600 crores. Further, there is a provision for maintenance of these locomotives (first 500 only for a period of 13 years. Except initial 100 locomotives, rest shall be indigenously produced.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Saran, Marhowra

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

#### **CONTACT INFORMATION**

#### **IMPLEMENTING AGENCY**

→ M/s GE Diesel Locomotive Pvt. Ltd.,

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri Nalin Jain, President & CEO , GE Transportation, South Asia 5th Floor, Building No.7A DLF Cyber City, DLF Ph-III, Gurgaon.

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: MADHYA PRADESH

Traction Alternator Manufacturing Factory, Vidisha

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

 $\rightarrow$  NA

#### ANTICIPATED PROJECT TIMELINES

- → Construction start date: June 2015
- → Construction end date: December 2017

#### APPROXIMATE PROJECT COST

→ INR 1000 Million (USD 15.38 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ The AC traction alternator is high value, hitech item with an import cost of about Rs.1.28 crores. This unit will be critical in complete import substitution.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Vidisha

# CONNECTIVITY – EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ RITES

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Ravinder Gupta, Executive Director Mechanical Eng( Proj.) Mob: 9717635808



#### STATE: KARNATAKA

FIAT bogies manufacturing unit for LHB design coaches, Yadgir

#### MODE OF IMPLEMENTATION

→ Government

#### PROJECT STATUS

#### **CURRENT STATUS**

 $\rightarrow$  NA

#### ANTICIPATED PROJECT TIMELINES

- → Construction start date: June 2015
- → Construction end date: June 2016

#### APPROXIMATE PROJECT COST

→ INR 809.1 Million (USD 12.44 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

 $\rightarrow$  Manufacture of 300 LHB coach sets of FIAT bogie frames per annum

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Between Chegunta & Saidapur, Yadgir

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road being constructed as part of project
- → Rail connectivity required immediately

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ These utilities are part of project

#### **CONTACT INFORMATION**

#### **IMPLEMENTING AGENCY**

 $\rightarrow$  RVNL

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Ravinder Gupta
Executive Director Mechanical Eng( Proj.)
Mob: 9717635808

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: UTTAR PRADESH

Forged Wheel Factory, Rae Bareilly

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

#### PROJECT STATUS

#### **CURRENT STATUS**

 $\rightarrow$  NA

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

#### APPROXIMATE PROJECT COST

→ INR 9360 Million (USD 144 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ PPP

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Manufacture of 1,00,000 forged wheels per annum.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Rae Bareilly

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Good connectivity

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

#### **CONTACT INFORMATION**

#### **IMPLEMENTING AGENCY**

 $\rightarrow$  RVNL

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Ravinder Gupta
Executive Director Mechanical Eng( Proj.)
Mob: 9717635808



#### STATE: TAMIL NADU

Modernisation for complete switch over to LHB coach manufacturing

#### MODE OF IMPLEMENTATION

→ Departmental

# PROJECT STATUS CURRENT STATUS

 $\rightarrow$  NA

#### ANTICIPATED PROJECT TIMELINES

→ Three years from award of contract

#### APPROXIMATE PROJECT COST

→ INR 3270 Million (USD 50.3 Million )

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Manufacture of 1700 LHB coaches per annum.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Perambur, Chennai

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Good connectivity

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Existing

#### CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

→ Departmental

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Ravinder Gupta Executive Director Mechanical Eng( Proj.) Mob: 9717635808

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

#### STATE: KERALA

Rail Coach Factory at Palakkad

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

#### **CURRENT STATUS**

- → M/s RITES have been appointed as consultant for bid process management
- → Fresh Business model has been firmed up after interaction with prospective bidders
- → In the meantime, MoR has completed the work of construction of Boundary wall at site.

#### ANTICIPATED PROJECT TIMELINES

- $\rightarrow$  Construction start date: After finalization of JV partner
- $\boldsymbol{\rightarrow}$  Construction end date: Three years after award of contract

#### APPROXIMATE PROJECT COST

→ INR 5500 Million (USD 84.61 Million)

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ Approval for revised Business Plan.

- → Bid process for selection of JV partner
- → Signing of coach procurement agreement, Shareholder Agreement and Land lease agreement.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Palakkad

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

#### **CONTACT INFORMATION**

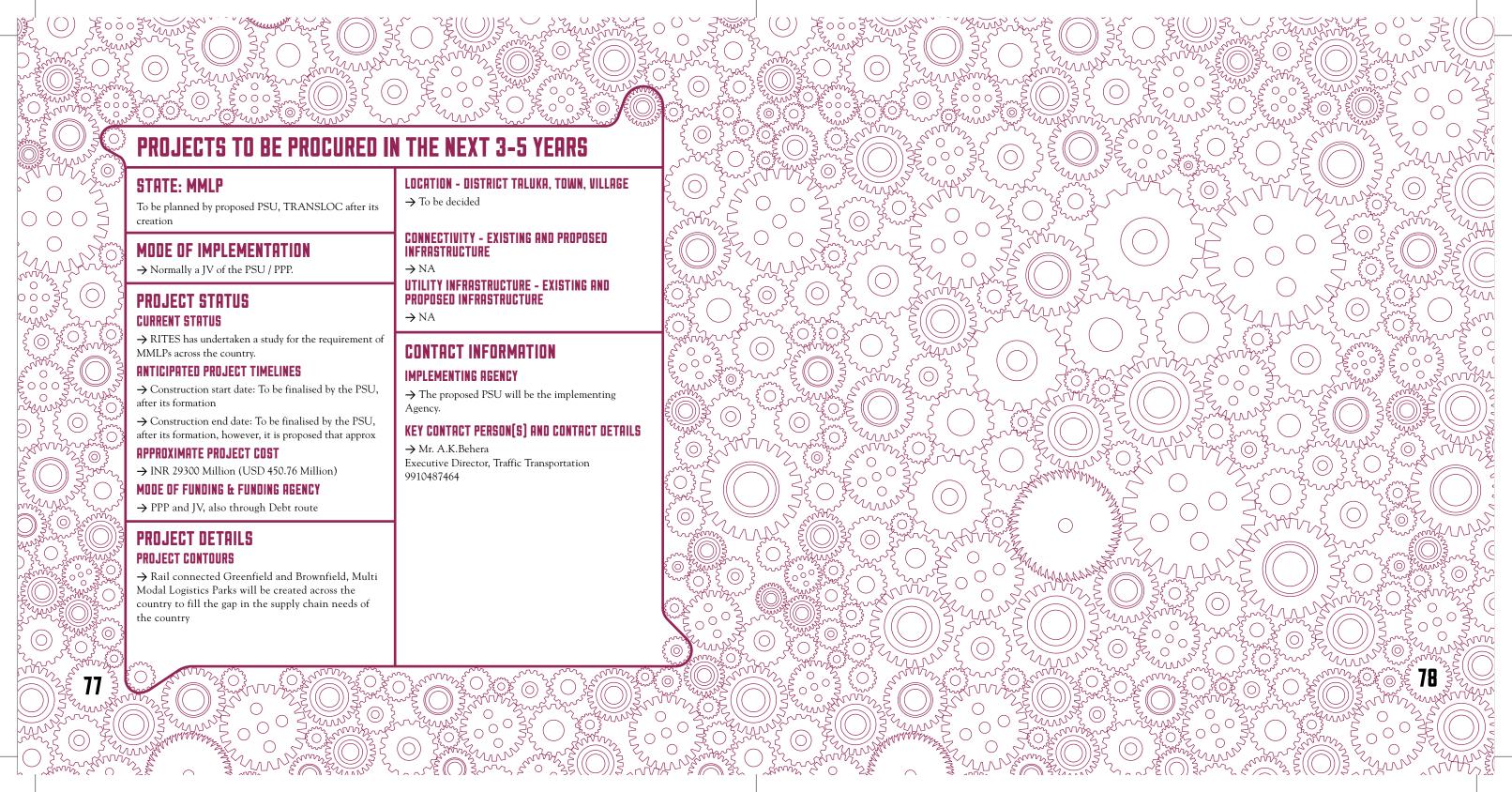
#### IMPLEMENTING AGENCY

 $\rightarrow$  To be finalized

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Ravinder Gupta
Executive Director Mechanical Eng( Proj.)
Mob: 9717635808





# **TEXTILES**



# **REASONS TO INVEST**

- → India has the second largest manufacturing capacity globally.
- → Textiles sector is one of the largest contributors to India's exports with approximately 11 per cent of total exports.
- → The Indian textiles industry, currently estimated at around US\$ 108 billion, is expected to reach US\$ 223 billion by 2021
- → India accounts for about 14% of the world's production of textile fibre and yarn and is the largest producer of jute and the second largest producer of silk and cotton.
- → The Indian Textile Industry contributes approximately 5 per cent to India's gross domestic product (GDP), and 14 per cent to overall Index of Industrial Production (IIP).
- → Abundant raw material and increasing demand for exports to boost fibre production.
- $\boldsymbol{\rightarrow}$  Abundant availability of raw materials such as cotton, wool, silk and jute.

## INVESTMENT OPPORTUNITIES

- → Government has implemented 20% Credit Linked Capital Subsidy Scheme under the TUFS, especially to help the decentralized Power loom Sector.
- → Government provides a capital-linked subsidy of 10 per cent in addition to 5 per cent reimbursement on the interest paid for loans taken by processing units
- → 40 Integrated Textile Park(ITP) have been sanctioned during 10th and 11th Five Year Plan. Production has been started in 27 out of the 40 ITPs.

- → Establishment of various Textile Parks across the country gives an opportunity to set up textile units of highest standards.
- $\rightarrow$  Shanti Integrated Textile Park (SITPPL) in Gujarat
- → Amitara Green Hi Tech Textile Park in Gujarat
- → Satyaraj Integrated Textile Park in Maharashtra
- → Dhule Textile Park in Maharashtra
- → Guntur Textile Park in Andhra Pradesh
- → Tarakeswara Textile Park in Andhra Pradesh
- → Aalishan Eco Textile Park in Haryana

#### STATE: GUJARAT

Shanti Integrated Textile Park (SITPPL)

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

#### **PROJECT STATUS**

#### **CURRENT STATUS**

- → Site cleaning, land levelling and soil filling under progress. 28 % of site development and compound wall and road work is completed. Construction of culvert over canal is 90 % completed.
- → GPCB Environment clearance under progress.
- $\rightarrow$  Irrigation, Water supply provisional approval received.
- → DGVCL Electricity approval under progress

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Expected to be completed in the year 2017-18

#### APPROXIMATE PROJECT COST

→ INR 1507 Million (USD 23.18 Million)

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ The proposed Textile Park is located in a district, which is an existing textile hub in Gujarat. Since

the proposed Park has most activities across the value chain, it will help in plough back the economic benefit of the activity to the local population.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Village Naviparda, TA – Kamrej, Surat , Gujarat , Area- 48 Acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Connected with NH-8 and provides an easy access to Ahmedabad, Vadodara, Surat, Rajkot and Bhavnagar
- → Railway: Broad gauge line is on the western side of the park and Surat railway station is about 20 Km from park site.
- → Airport: Closest international airport is located at Surat which is 40 Kms from the site.
- $\rightarrow$  Seaport: Magdalla port and Hazira port are within 60 Km from site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: 7 MLD (Proposed), Power (6 MW proposed)

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Technopak Advisors Private Limited

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sanjay Arora , 09971110566

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: GUJARAT

Amitara Green Hi Tech Textile Park

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

#### **PROJECT STATUS**

#### **CURRENT STATUS**

- → Site Development & Compound Wall , Road Work.
- → Water Supply system, Rain Water Harvesting, Storm Water Drainage System, ETP & Fire Fighting Network –Tender in progress
- → Factory Buildings –Work under progress Industrial Land utilization received

#### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in the year 2017-18

#### APPROXIMATE PROJECT COST

→ INR 5000 Million (USD 76.52 Million) Approx including cost of land, infra, common facilities, factory buildings, plant and machinery and social infrastructure.

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ The development of this Textile Park would boost employment opportunities to the BPL population. The units located in the park would have facilities for spinning, weaving and garmenting

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Kheda District, Area – 53 Acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- $\rightarrow$  Road NH -8 passes through the district and is 10 km from site.
- $\rightarrow$  Railway Nearest railway station Barejadi 20 km away from site.
- → Airport Closest airport is located at Ahemdabad which is 40 Kms from the site.
- → Seaport Mundra Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water – 3 MLD, Power 12 MW

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Technopak Advisors Private Limited

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sanjay Arora , 09971110566



#### STATE: MAHARASHTRA

Satyaraj Integrated Textile Park

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Master plan finalized, Technical consultant appointed.

Following works are under progress:

- → Package wise tender
- → Road layout and marking
- → Compound wall, factory building and road layout
- → 24 No weaving machine booking has been made

#### **ANTICIPATED PROJECT TIMELINES**

→ Expected to be completed in the year 2017-18

#### APPROXIMATE PROJECT COST

→ INR 1202 (USD 18.49 Million)

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ The proposed Textile Park is located in

Kolhapur district, which is an existing textile hub in Maharashtra. With an envisaged direct employment of 2,541 and a substantial indirect employment, the project is expected to substantially enhance the livelihood and income generating activities in the project area.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Tahsil – Shirol, District – Kohlapur, Maharashtra

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: 20 km from NH-4, Within 1 km from SH-126, 129, 137
- $\rightarrow$  Railway: Nearest railway station Jayasinghpur 20 km away from site.
- → Airport: Closest airport is located at Kohlapur which is 30 Kms from the site and Pune 220 Km
- → Seaport: The nearest port is at Ratnagiri which is 120 Kms from the park site & Mumbai 380 Kms away

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Water – 0.3 MLD , Power 14 MW

#### CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

→ Technopak Advisors Private Limited

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sanjay Arora , 09971110566

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: MAHARASHTRA

Dhule Textile Park

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Work Started

#### **ANTICIPATED PROJECT TIMELINES**

→ Expected to be completed in the year 2017-18

#### APPROXIMATE PROJECT COST

→ INR 1276.9 Million (USD 19.64 Million)

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### **PROJECT DETAILS**

#### **PROJECT CONTOURS**

→ The objective of the proposed Textile Park is to establish textile activities in Maharashtra with state-of-the-art manufacturing facilities with main emphasis on weaving activities under Scheme for Integrated Textile Parks (SITP) of Ministry of Textiles, Government of India.

→ Facilities – Spinning, weaving, Sizing and warping, Garmenting and Packing.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Village – Sutrepada, Khede, Sakri Road, Dhule, Area – 42 Acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road Dhule serves as one of the most important junctions over NH3 (popularly known as Mumbai-Agra highway) and NH6. It is also end point for NH211)
- $\rightarrow$  Railway Nearest railway station Chalisgaon 55 km from site.
- → Airport Closest airport is located at Aurangabad which is 120 Kms from the site.
- → Seaport The nearest port is at Mumbai which is 347 km from site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water – 0.3 MLD, Power 14 MW

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Technopak Advisors Private Limited

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sanjay Arora , 09971110566

#### STATE: ANDHRA PRADESH

Guntur Textile Park

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

#### **PROJECT STATUS**

#### **CURRENT STATUS**

- → Detailed Design/ Engineering Work Under Progress. First package of works to be awarded in first quarter of 2016.
- → Approval under factories act and layout approval from directorate of town and country planning shall be made under single desk policy of Govt of Andhra Pradesh.

#### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in 2017-18

#### APPROXIMATE PROJECT COST

→ INR 1099.8 Million (USD 16.92 Million).

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ It is to provide the industry with world-class infrastructure facilities for setting up their textile units. The Project facilitates textile units to meet

international environment and social standards.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Village: GopalavariPalem, Mandal: Chilakaluripet, Dist. Guntur Area: 42 acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road There are major highways such as Madras—Guntur—Kolkata highway, Guntur—Nagarjuna Sagar—Hyderabad highway and the Guntur—Vinukonda Kurnool Bellary highway. NH-5 is 8 Km from the park site.
- → Railway –Guntur railway station is 47 km from site.
- → Airport The closest international airport is located at Hyderabad (4.5 hours travel) at distance of 250 km form the park site & Nearest Domestic Airport is in Vijayawada, at a distance of 95 km.
- → Seaport The nearest port is at Krishnapatnam which is 196 km from site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water – 1.1 MLD, Power 7 MW

#### **CONTACT INFORMATION**

#### IMPLEMENTING AGENCY

→ Technopak Advisors Private Limited

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sanjay Arora, 09971110566

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: ANDHRA PRADESH

Tarakeswara Textile Park

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Started

#### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  Expected to be completed in the year 2017-18

#### APPROXIMATE PROJECT COST

→ INR 1211.7 Million (USD 18.64 Million)

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ To provide the industry with world-class infrastructure facilities for setting up their textile units. The Project facilitates textile units to meet international environment and social standards.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Village: Kadaluru and PadmavathiKandriga, Mandal: Sullurpet, Dist: SPSR Nellore. Area – 52 acres

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- $\rightarrow$  Road 5 km from NH-5
- → Railway Tarakeswara Park is in between two Railway Stations, Sullurpet on the North and Tada on the South.
- → Airport The Chennai International Airport (MAA) is a 90 minute drive from/to Tarakeswara Park, and Tirupati Airport (TIR) is also a 90 minute drive.
- → Seaport Chennai Port on the Coromandal Coast. 70 km from Sri City
- → Ennore Port is about 24 km north of Chennai Port and 40 km south of Location of Tarakeswara Park.
- → Krishnapatnam Port is located 100 km to the north of Sri City

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water – 1.8 MLD, Power 9.8 MW

#### CONTACT INFORMATION

IMPLEMENTING AGENCY→ Technopak Advisors Private Limited

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sanjay Arora, 09971110566

#### STATE: GUJARAT

Spinning Mill

#### MODE OF IMPLEMENTATION

→ Private

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Project is expected to start in year 2015-16

#### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  Expected to be completed in the year 2016-17

#### APPROXIMATE PROJECT COST

→ INR18700 Mn (USD 287.69 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private

#### **PROJECT DETAILS**

#### **PROJECT CONTOURS**

→ Spinning mill with a capacity of 3.2 Lakh spindles to produce high quality combed compact cotton yarn. The project will add value to local cotton produce by boosting exports and generating employment for local population.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Pipavav , Gujarat

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Sintex Industries Limited

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  NA

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: KARNATAKA

Spinning Mill

#### MODE OF IMPLEMENTATION

→ Private

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Project is expected to start in year 2015-16

#### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in the year 2016-17

#### APPROXIMATE PROJECT COST

→ INR 13250 Mn (USD 203.84 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

- → Spinning Mill with a capacity of 2 lac spindles to produce super fine quality combed cotton Yarn.
- → Expansion in Weaving and processing of Bed sheeting unit. Terry towel weaving and processing

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

 $\rightarrow$  Karnataka

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ HimatsingkaSeide Ltd

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  NA



#### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 STATE: HIMACHAL PRADESH / CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE MADHYA PRADESH $\rightarrow$ NA Vardhman Textiles **UTILITY INFRASTRUCTURE - EXISTING AND** PROPOSED INFRASTRUCTURE MODE OF IMPLEMENTATION $\rightarrow$ NA → Private CONTACT INFORMATION PROJECT STATUS **IMPLEMENTING AGENCY CURRENT STATUS** → Vardhman Textiles → Project is expected to start in year 2015-16

# → Project is expected to start in year 2015-16 ANTICIPATED PROJECT TIMELINES → Expected to be completed in the year 2016-17 APPROXIMATE PROJECT COST → Vardhman Textiles KEY CONTACT PERSON(S) AND CONTACT DETAILS → NA

→ INR 6500 Million (USD 100 Million)

MODE OF FUNDING & FUNDING AGENCY

→ SIntegrated project to produce value added printed and dyed woven fabrics for apparels

→ Himachal Pradesh, Madhya Pradesh

LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Private

**PROJECT DETAILS** 

PROJECT CONTOURS

#### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 **CONNECTIVITY - EXISTING AND PROPOSED** STATE: GUJARAT INFRASTRUCTURE Technical Textiles $\rightarrow$ NA MODE OF IMPLEMENTATION UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE → Private $\rightarrow$ NA **PROJECT STATUS** CONTACT INFORMATION **CURRENT STATUS IMPLEMENTING AGENCY** → Project is expected to start in year 2015-16 → Autotech Nonwovens ANTICIPATED PROJECT TIMELINES $\rightarrow$ Expected to be completed in the year 2016-17 $\rightarrow$ NA APPROXIMATE PROJECT COST

# NA → NA KEY CONTACT PERSON(S) AND CONTACT DETRILS → NA







#### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 STATE: GUJARAT CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE Wellspun Group $\rightarrow$ NA MODE OF IMPLEMENTATION UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE → Private $\rightarrow$ NA PROJECT STATUS CONTACT INFORMATION **CURRENT STATUS IMPLEMENTING AGENCY** → Will start in 2016-17 → Wellspun Group ANTICIPATED PROJECT TIMELINES KEY CONTACT PERSON(S) AND CONTACT $\rightarrow$ Expected to be completed in the year 2017-18 DETAILS

 $\rightarrow$  NA

# Raymond Group MODE OF IMPLEMENTATION → Private PROJECT STATUS

#### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 **CONNECTIVITY - EXISTING AND PROPOSED** INFRASTRUCTURE $\rightarrow$ NA UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Raymond Group

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  NA

 $\rightarrow$  NA

**CURRENT STATUS** → Will start in 2016-17 ANTICIPATED PROJECT TIMELINES  $\rightarrow$  Expected to be completed in the year 2017-18 APPROXIMATE PROJECT COST → INR 15000 Million (USD 230.76 Million) MODE OF FUNDING & FUNDING AGENCY → Private

### **PROJECT DETAILS**

STATE: MAHARASHTRA

#### PROJECT CONTOURS

→ "Weaving, processing and garment making project with premium cotton and cotton blends products"

#### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Vidarbha, Maharashtra

APPROXIMATE PROJECT COST

**PROJECT DETAILS** 

**PROJECT CONTOURS** 

capacity - 300 looms"

→ Private

 $\rightarrow$  NA

→ INR 15000 Million (USD 230.76 Million)

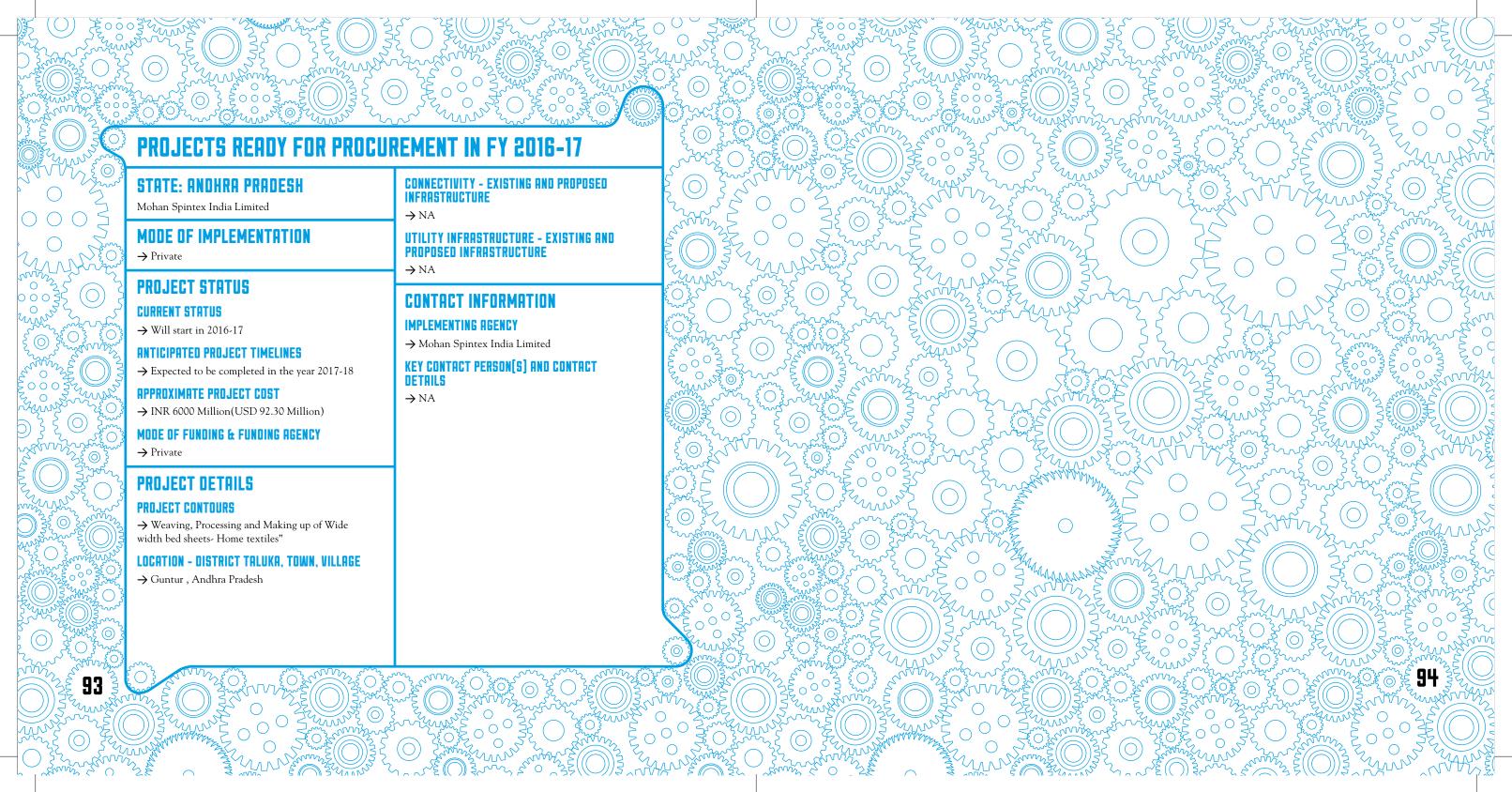
→ "Standard width – weaving and processing for

100% cotton with capacity 100,000 meters/day

"Knitting and Knit processing – 50 tons per day

LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

MODE OF FUNDING & FUNDING AGENCY



# EARTH SCIENCES - OCEAN TECHNOLOGY



# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: LAKSHADWEEP ISLANDS

Establishment of low thermal desalination plants in island of ut, lakshadweep islands

#### MODE OF IMPLEMENTATION

→ Government / PPP

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Approval stage

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

#### APPROXIMATE PROJECT COST

→ INR 2800 Million (USD 43.07 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government, UT- Lakshadweep Island administration

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Providing drinking water to remote islands. This technology is developed in-house and three plants are already working in remote islands of UT Lakshadweep. The Administration is in the process of procuring systems for six remaining Islands with the technical support from MoES-NIOT.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

 $\rightarrow$  NA

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ National Institute of Ocean Technology, Velachery Tambaram Main road, Pallikaranai, Chennai – 600 100

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

- → Director, MoES-NIOT
- → Attention: Dr.M.V.Ramana Murthy / Dr. SVS PhaniKumar/Dr. G Dhinesh / Mr. K Mullai Vendhan
- → Phone: +91 44 6678 3303 ,Fax: +91 44 6678 0275,E- mail: director@niot.res.in



#### STATE: TAMILNADU

Establishment of desalination plants in coastal thermal power stations

#### MODE OF IMPLEMENTATION

→ Government / PPP

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Approved

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

# APPROXIMATE PROJECT COST

→ INR 423.0 Cr (USD 6.5 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

- → Providing drinking water. The system uses the waste heat generated by power plants, which is are normally not utilized.
- → This technology is developed in-house and one plant is working Ennore power plant.
- → Second installation is planned in Tuticorin power plant.

→ The technology has potential to implement in all the coastal power plants to generate drinking water.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

 $\rightarrow$  NA

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

#### **CONTACT INFORMATION**

#### IMPLEMENTING AGENCY

→ National Institute of Ocean Technology, Velachery Tambaram Main road, Pallikaranai, Chennai – 600 100

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr.Prunima Jalihal, Scientist – G

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: TAMILNADU

Establishment of offshore numerical tank

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Approval stage

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

#### APPROXIMATE PROJECT COST

→ INR 6000 Crore (USD 92.3 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### PROJECT DETAILS

#### PROJECT CONTOURS

- → Analysis and modelling studies on marine, off shore projects/coastal such as petroleum industries.
- $\boldsymbol{\rightarrow}$  Presently no such facility exists in the country.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

 $\rightarrow$  NA

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ National Institute of Ocean Technology, Velachery Tambaram Main road, Pallikaranai, Chennai – 600 100

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

- → Director, MoES-NIOT
- → Attention: Dr.M.V. Ramana Murthy/ Dr. SVS Phani Kumar / Dr. G Dhinesh
- → Phone: +91 44 6678 3303 ,Fax: +91 44 6678 0275,E- mail: director@niot.res.in





#### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 PROJECTS READY FOR PROCUREMENT IN FY 2016-17 LOCATION - DISTRICT TALUKA, TOWN, VILLAGE STATE: TAMILNADU CONNECTIVITY - EXISTING AND PROPOSED STATE: TAMILNADU INFRASTRUCTURE $\rightarrow$ NA Integrated deep sea mining system for mining of Technical consultancy services such as observations, $\rightarrow$ NA polymetallic nodules upto 6000 m depth seabed engineering, geophysical, oceanographic CONNECTIVITY - EXISTING AND PROPOSED studies, HTL/LTL demarcation, Planning, design and **UTILITY INFRASTRUCTURE - EXISTING AND** INFRASTRUCTURE construction methods for ports and harbour structures MODE OF IMPLEMENTATION PROPOSED INFRASTRUCTURE $\rightarrow$ NA → Government $\rightarrow$ NA MODE OF IMPLEMENTATION UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE **PROJECT STATUS** → Government CONTACT INFORMATION $\rightarrow$ NA **CURRENT STATUS** IMPLEMENTING AGENCY PROJECT STATUS CONTACT INFORMATION → Approval stage → National Institute of Ocean Technology, Velachery **CURRENT STATUS** Tambaram Main road, Pallikaranai, Chennai – 600 100 ANTICIPATED PROJECT TIMELINES IMPLEMENTING AGENCY → Approval stage KEY CONTACT PERSON(S) AND CONTACT DETAILS $\rightarrow$ NA → National Institute of Ocean Technology, Velachery ANTICIPATED PROJECT TIMELINES Tambaram Main road, Pallikaranai, Chennai – 600 100 → Dr.G.A. Ramadass, Scientist – G APPROXIMATE PROJECT COST $\rightarrow$ NA KEY CONTACT PERSON(S) AND CONTACT DETAILS → Phone: 0091 44 66783388,E- $\rightarrow$ NA mail: ramadass@niot.res.in APPROXIMATE PROJECT COST → Director, MoES-NIOT MODE OF FUNDING & FUNDING AGENCY → INR 2200 Million (USD 33.84 Million) → Attention: Dr. M.V. Ramana Murthy/ Dr. BK Jena/ → Government / PPP/Private Dr. Vijaya Ravichandran / Dr SVS MODE OF FUNDING & FUNDING AGENCY → Phone: +91 44 6678 3303, Fax: +91 44 6678 0275 PROJECT DETAILS → Government E- mail: director@niot.res.in PROJECT CONTOURS PROJECT DETAILS → Development o capability to mine deep sea PROJECT CONTOURS minerals polymetallic nodules from Indian ocean. → Providing the pre-project services to the Coastal / LOCATION - DISTRICT TALUKA, TOWN, VILLAGE Port / Harbour Projects to facilitate planning, design $\rightarrow$ NA and construction methods for the structures. 99

# OIL & GAS



# **REASONS TO INVEST**

- → Growing economy and population growth are the main drivers for oil & gas demand, increasing every year.
- → Import content in oil & gas sector is in the range of 15% for refinery to 70% for upstream.
- → Government has approved natural gas pricing Formula. International prices for majority of petroleum products
- → Surplus refining capacity and present refining capacity of about 4.3 Million barrels per day.
- → Gas Pipeline network of 15,000 kilometre exists and construction of another 15,000 Kilometre of gas pipeline network is in progress. Several industries are increasing consumption of natural gas in operations.
- → Several domestic companies such as the Oil and Natural Gas Corporation, Reliance Industries Limited and Gujarat State Petroleum have found natural gas in deep waters.
- → Several private companies have emerged as important players in the past decade. Cairn India, a subsidiary of British company Cairn Energy, produces more than 20% of India's crude oil production through its operation of major stakes in the Rajasthan and Gujarat regions and Krishna-Godavari basin.
- → It is a transparent and level playing field for Indian private/foreign investors and national oil companies both enjoy the same fiscal and contract terms.

- 61% of the prognosticated reserves of 28,000 MMT are yet to be harnessed.
- → Proposed Uniform Licensing Policy Rights to explore all type of hydrocarbons conventional and non-conventional. Other fiscal incentives for ultra deepwater blocks.
- → Prospectively every fifth block is hydrocarbon discovery block under NELP where E&P inputs were provided for.
- → Despite being a net importer of crude oil, India has become a net exporter of petroleum products by investing in refineries designed for export, particularly in Gujarat.
- → RLNG regasification facility is likely increase to 32.5 MMTPA by 2017-18 from a current level of 22 MMTPA.

# **INVESTMENT OPPORTUNITIES**

#### → OFFERING OF EXPLORATION BLOCKS

52 exploration blocks are likely to be offered. Rights to explore all type of hydrocarbons – conventional and non-conventional in these blocks being proposed.

#### → SHALE

India has technically recoverable shale gas resources of nearly 96 Trillion cubic feet.

#### → UNDERGROUND COAL GASIFICATION

Coal gasification has been identified as one of the end uses under the government's captive mining policy.

# → OPPORTUNITIES FOR E&P SERVICES AND EQUIPMENT COMPANIES

48% of the country's sedimentary area is yet to be explored. Government has taken an ambitious appraisal programme for acquisition of 48,243 km of 2D seismic covering an area of 9.09 lakh sq. km in all Indian sedimentary basins.

# → OPPORTUNITIES FOR PIPELINE TRANSPORTATIONS

In India, currently, only 35% of product movement happens over pipelines. The city gas and distribution sector offers opportunities for both incumbents and new companies.

#### → THE REFINING SECTOR

India is already a refining hub with 22 refineries and expansions planned for tapping foreign investment in export-oriented infrastructure, including product pipelines and export terminals.

## → OPPORTUNITIES FOR TECHNOLOGY PARTNERSHIPS IN UPSTREAM SECTOR

Deep water and ultra-deep water oil and gas resources hold the key to substantially increasing domestic production. This creates a plethora of opportunities for strategic investors having relevant technical expertise and financial muscle.

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: KERALA

Integrated Refinery Expansion Project (Kochi)

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Under Implementation Project Start Date: 22/09/2012

#### **ANTICIPATED PROJECT TIMELINES**

→ Commissioning date: 21/08/2016

#### APPROXIMATE PROJECT COST

→ Rs. 16,5040 Million (USD 2.53 billion)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Aimed at increasing the refining capacity of Kochi Refinery from the existing 9.5 MMTPA to 15.5 MMTPA and modernization of refinery to produce auto-fuels complying with Euro-IV/Euro-V specifications

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Ernakulam Dt., Kunnathunadu Taluk,

Ambalamugal, Puthencruz Village

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: About 3 Km to NH/SH, Rail:Lines available upto the refinery, Nearest Railhead is Ernakulam Junction, Airport:Kochi International Airport is about 25 Km from the Project site. Well connected by road,
- → Port: Kochi Port is about 15 Km from the site. Well connected by road

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: Pumping station & Cross country pipelines available from Periyar River – augmentation of pumps planned, Power: KSEB power is available as back up. Depends mainly on own generation, Gas: LNG pipeline available from Petronet LNG

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Bharat Petroleum Corporation

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P Kumaraswamy, Executive Director(Projects), Bharat Petroleum Corporation, PB No.2, Ambalamugal, Kochi-682302. Telephone: 0484-2821115, Email: kumaraswamyp@ bharatpetroleum.in



#### STATE: KERALA

Propylene Derivative Petrochemical Project

#### MODE OF IMPLEMENTATION

→ Government

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Under Implementation Project Start Date: 12/08/2015

#### ANTICIPATED PROJECT TIMELINES

→ Commissioning date: 08/11/2018

#### APPROXIMATE PROJECT COST

→ Rs. 45882.9 Million (USD 705 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ Production of Niche Petrochemicals utilizing Polymer Grade Propylene produced from the Petro FCCU being set up as a part of IREP

#### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Ernakulam Dt., Kunnathunadu Taluk,Ambalamugal, Puthencruz Village, Kochi

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: About 3 Km to NH/SH, Rail:Lines available upto the refinery, Nearest Railhead is Ernakulam Junction, Airport:Kochi International Airport is about 25 Km from the Project site. Well connected by road,
- → Port: Kochi Port is about 15 Km from the site. Well connected by road

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: Pumping station & Cross country pipelines available from Periyar River – augmentation of pumps planned, Power: KSEB power is available as back up. Depends mainly on own generation, Gas: LNG pipeline available from Petronet LNG

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Bharat Petroleum Corporation

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P Kumaraswamy, Executive Director(Projects), Bharat Petroleum Corporation, PB No.2, Ambalamugal, Kochi-682302. Telephone: 0484-2821115, Email: kumaraswamyp@ bharatpetroleum.in

## PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: KERALA

BS-VI Quality Fuels Compliance Project

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ PFR completed, Expected Project Start Date: 1st quarter, 2017

#### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  Commissioning period of 36 months

#### APPROXIMATE PROJECT COST

→ Rs. 33000 Million (USD 507.69 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### PROJECT DETAILS

#### PROJECT CONTOURS

 $\boldsymbol{\rightarrow}$  To produce all the fuels confirming to BS-VI

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Ernakulam Dt., Kunnathunadu Taluk,Ambalamugal, Puthencruz Village, Kochi

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: About 3 Km to NH/SH, Rail:Lines available upto the refinery, Nearest Railhead is Ernakulam Junction, Airport:Kochi International Airport is about 25 Km from the Project site. Well connected by road,
- → Port: Kochi Port is about 15 Km from the site. Well connected by road

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: Pumping station & Cross country pipelines available from Periyar River – augmentation of pumps planned, Power: KSEB power is available as back up. Depends mainly on own generation, Gas: LNG pipeline available from Petronet LNG

#### CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

→ Bharat Petroleum Corporation

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P Kumaraswamy, Executive Director(Projects), Bharat Petroleum Corporation, PB No.2, Ambalamugal, Kochi-682302. Telephone: 0484-2821115, Email: kumaraswamyp@ bharatpetroleum.in



#### STATE: KERALA

Additional Crude oil storage facility

#### MODE OF IMPLEMENTATION

→ Government

#### PROJECT STATUS

#### **CURRENT STATUS**

→ PFR completed, Expected Project Start Date: 01/07/2016

#### ANTICIPATED PROJECT TIMELINES

→ Expected commissioning date: 31/07/2017

#### APPROXIMATE PROJECT COST

→ Rs. 1450 Million (USD 22.3 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ The project for additional Crude tank is to meet the following. Existing tanks at Shore tank farm, Puthuvypeen, have to be decommissioned one by one for periodic maintenance after 10 years of service. The proposed tank will bridge the gap durin the maintenance and will augment the requirement of storage space required in the post capacity expansion scenario

#### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Ernakulam Dt., Kunnathunadu Taluk,Ambalamugal, Puthencruz Village, Kochi

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: About 1 Km to NH/SH, Airport: Kochi International Airport is about 25 Km from the Project site. Well connected by road, Port: Kochi Port is about 5 Km from the site. Well connected by road

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: Pumping station & Cross country pipelines available from Periyar River – augmentation of pumps planned, Power: KSEB power is available as back up. Depends mainly on own generation

#### **CONTACT INFORMATION**

#### **IMPLEMENTING AGENCY**

→ Bharat Petroleum Corporation

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P Kumaraswamy, Executive Director(Projects), Bharat Petroleum Corporation, PB No.2, Ambalamugal, Kochi-682302. Telephone: 0484-2821115, Email: kumaraswamyp@ bharatpetroleum.in

## PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: KERALA

Laying heat traced pipeline at Kochi refinery

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Yet to start, Obtaining clearances in process

#### **ANTICIPATED PROJECT TIMELINES**

→ Commissioning period of 30 months

#### APPROXIMATE PROJECT COST

→ Rs. 3370.6 Million (USD 51.86 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### PROJECT DETAILS

#### **PROJECT CONTOURS**

→ Laying a heat traced pipeline from the refinery to the Port with associated facilities at Kochi Refinery for transporting High pour products between Kochi Refinery (KR) and Mumbai Refinery (MR)

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Ernakulam Dt., Kunnathunadu Taluk,Ambalamugal, Puthencruz Village, Kochi

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: About 3 Km to NH/SH, Rail:Lines available upto the refinery, Nearest Railhead is Ernakulam Junction, Airport:Kochi International Airport is about 25 Km from the Project site. Well connected by road,
- → Port: Kochi Port is about 15 Km from the site. Well connected by road

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: Pumping station & Cross country pipelines available from Periyar River – augmentation of pumps planned, Power: KSEB power is available as back up. Depends mainly on own generation, Gas: LNG pipeline available from Petronet LNG

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Bharat Petroleum Corporation

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P Kumaraswamy, Executive
Director(Projects), Bharat Petroleum
Corporation, PB No.2, Ambalamugal,
Kochi-682302. Telephone: 0484-2821115,
Email: kumaraswamyp@ bharatpetroleum.in

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# FOOD PROCESSING



# **REASONS TO INVEST**

- → India has a strong resource base of agriculture. India is 2nd largest producer of fruits & vegetables; it is the top producer of milk and has largest cattle population, third largest in fisheries, fifth in poultry production in the world.
- → Food Processing industry forms an important segment of the Indian economy in terms of contribution to GDP, employment and investment, and will be a major driver in country's growth. It accounts for 14% of manufacturing GDP and 13% of total exports.
- → India has a domestic market of over a billion population. Consuming class households are likely to reach 137 Million in 2025 with a collective disposable income of USD 1.5 trillion which would increase the demand for food products. Indian Food & Retail market is projected to touch USD 482 billion by year 2020.
- → Rising exports Spike in global food products demand as emerging markets grow at fast pace, Also

Indian subcontinent is strategically placed in the Indian ocean from where it enjoys geographical proximity to ASEAN, African and Middle East countries. Indian Export during year 2013-14 stood at USD 37.79 billion growing at a CAGR of 20.53%.

→ Government has identified Food Processing sector as a priority sector and has introduced several fiscal & procedural incentives to promote private sector participation like 100% FDI under automatic route, tax holidays, credit availability.

# **INVESTMENT OPPORTUNITIES**

- → Technological and financial support to producers, contract farming arrangements.
- → Post harvest infrastructure & transportation. Warehouses and Cold storage facilities.
- → Process automation and up gradation of existing food processing facilities.
- → Investment opportunities in 42 integrated mega food parks.

#### STATE: CHHATTISGARH

Mega Food Park

#### MODE OF IMPLEMENTATION

→ Government

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Started in 2015

#### **ANTICIPATED PROJECT TIMELINES**

**→** 2018-19

#### APPROXIMATE PROJECT COST

→ Rs 1037.5 Million (USD 15.96 Million

#### MODE OF FUNDING & FUNDING AGENCY

→ Government budget and CSIDC

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Mega Food Park intends to provide modern infrastructure facilities for the food processing along the value chain from farm to market. It will include creation of PPC and CPC

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Dhamtari, Area - 68.68Ha

CONNECTIVITY - EXISTING AND PROPOSED

#### INFRASTRUCTURE

- → Excellent connectivity to NH- 43 (Passes through Kurud)
- → Dhamatari Railway Station 23km away
- → Swami Vivekananda Airport, Raipur, 50 km

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ 1.5MLD(Proposed), 2MW(Proposed)

#### CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

→ Chhattisgarh State Industrial Development corporation (CSIDC), Udyog Bhawan, Telibandha, Raipur, Chhattisgarh- 492006

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Sunil Mishra, MD, CSIDC

+91-771-2583793

Csidc.cg@nic.in, Invest-chhattisgarh@gov.in

# **PROJECTS READY FOR PROCUREMENT IN FY 2016-17**

#### STATE: PUNJAB

International Mega Food Park

#### MODE OF IMPLEMENTATION

→ Private

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Under Progress

#### **ANTICIPATED PROJECT TIMELINES**

→ Ongoing (2016-17)

#### APPROXIMATE PROJECT COST

→ Rs 1303.9 Million (USD 20.06 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private with Grant in aid from MoFPI

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

- → In the centralized food processing centre, the SPV has a 4 MW Biomass Power Plant which uses the waste from cotton stalks, rice husk & other such agriculture waste, a state of the art milk processing plant to produce Skim Milk Powder, Cottage cheese, Ghee, Processed milk and Curd.
- → There is a provision of about 39 plots & sheds for the processing units. Of this, only 2 food processing units are operational as on date.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Distt-Fazilka, Village Dabwala Kalan , Area – 50 acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Site is well connected with network of National & State Highways.
- → Easy accessibility to railways. Nearest railway stations are at Fazilka & Abohar nearly 20- 30kms away from the Project site.
- → Nearest airport is Raja Sansi at Amritsar which is nearly 250 kms away from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Source of water supply at the project site is from State Govt managed irrigation channel as well as underground borewells. Punjab State Power Corporation Limited supplies power at the project site.

# CONTACT INFORMATION

IMPLEMENTING AGENCY

 $\rightarrow$  M/s International Mega Food Park Ltd., H.No.3, Sector 5, Chandigarh – 160001

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

ightarrow Mr. Sukhinder Singh , Managing Director

Mob:- 09872884406, 09872808818

Email: sukhinder.singh44@gmail.com

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#### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 treatment plant for the project. There is a provision STATE: ASSAM of about 44 plots & sheds for the processing units. North East Mega Food Park Of this, only 1 food processing unit is operational as MODE OF IMPLEMENTATION LOCATION - DISTRICT TALUKA, TOWN, VILLAGE → Private → Nalbari district, TihuTaluk, Nathkuchi Village in Assam. Area 50 acre **PROJECT STATUS** CONNECTIVITY - EXISTING AND PROPOSED **CURRENT STATUS** INFRASTRUCTURE → Under Progress $\rightarrow$ The project site is located at a distance of 45 km from Nalbari and 91 km from Guwahati ANTICIPATED PROJECT TIMELINES approximately. → Ongoing (2016-17)

- → Railway Tihu Railway Station is only 3 km away from the site.
- → Airport Nearest airport is the Guwahati airport which is situated at a distance of around 90 km.
- → Seaport Nearest seaport to the site is the Haldia Dock in West Bengal.

# PROJECT DETAILS UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → A underground water tank of capacity of 545 KL with capacity of treated water of 120 KL and capacity of 345 KL for fire hydrant system
- → 1 MW substation has been already been installed with total sanctioned power capacity of 4000 KW.

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

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#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ North East Mega Food Park Ltd, Hotel Brahmaputra Ashok, M.G.Road, Guwahati, Assam

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

- → Mr. RonnPakrashi, CCO:08811096878
- Mr. RajibBiswas, DGM-09435111675

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APPROXIMATE PROJECT COST

PROJECT CONTOURS

→ Rs 808.5 Million (USD 12.43 Million)

MODE OF FUNDING & FUNDING AGENCY

→ Private with Grant in aid from MoFPI

→ This Mega Food Park has provision of common

facilities like Cold storage (3000 MT), Warehouse (10,000 MT) and Testing lab, which would be

used by the individual processing units. Project has

also created common basic enabling facilities like Internal Road network, storm water drainage, UG water tank and electrical substation and effluent

#### STATE: WEST BENGAL

Jangipura Mega Food Park

#### MODE OF IMPLEMENTATION

→ Private

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Under Progress

#### **ANTICIPATED PROJECT TIMELINES**

→ Ongoing (2016-17)

#### APPROXIMATE PROJECT COST

→ Rs 1636.3 Million (USD 25.17 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private with Grant in aid from MoFPI

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Mega Food Park has provision of common facilities like F&V Cold storage (5,000 MT), Deep Freezer (3,000 MT), Potato Cold Storage (10,000 MT), Dry Warehouse (8,000 MT) and IQF & Packing Building, which would be used by the individual processing units. There is a provision of about 30-40 plots & sheds for the processing units.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ District – Murshidabad , P.O. Gankar, Raghunathganj, Village – Kulori, West Bengal, Area – 82 acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road- close to NH-34
- → Railway 35 km from Farakka station
- → Airport Kolkata airport 250 km, Bagdogra 300 km Helipad at Park for quick journey from Kolkata
- → Seaport Nearest seaport to the site is the Haldia Dock in West Bengal.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\boldsymbol{\rightarrow}$  Treated water from PHE available , 33/11 KV Sub-Station within the Park

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

 $\rightarrow$  M/s Jangipur Bengal , Mega Food Park Limited, db-67, sector-1, salt lake city, kolkata – 700 064

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ ShriAmirul Islam, Managing Director Mob. No.:+91 8017516550

 $Email\ id: amirul@jangipurmegafoodpark.in info@jangipurmegafoodpark.com$ 

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: JHARKHAND

Jharkhand Mega Food Park

#### MODE OF IMPLEMENTATION

→ Private

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Under Progress

#### **ANTICIPATED PROJECT TIMELINES**

→ Ongoing (2016-17)

#### APPROXIMATE PROJECT COST

→ Rs 114.73 Million (USD 17.65 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private with Grant in aid from MoFPI

#### **PROJECT DETAILS**

#### **PROJECT CONTOURS**

→ This Mega Food Park has provision of common facilities like Cold storage (4,500 MT), IQF & Dehydration line, Warehouse and Quality control lab, which would be used by the individual processing units. In addition, the food park offers basic enabling infrastructure like Roads, Boundary wall, Drainage, Weighbridge, Electrical substation, Water works, CETP, STP, Overhead Tank and MSME's Buildings.

There is a provision of about 30-40 plots & sheds for the processing units.

#### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

ightarrow District-Ranchi, Block- Angara, Village - Getalsud (Jharkhand). Area – 56 acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road- close to NH-33 and Ranchi City
- → Railway 33 km from Ranchi station
- → Airport Kolkata airport 401 km

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ CETP 1 MLD, Overhead Tank 1.5 Lacs Ltr. STP & WTP. 33/11 KVA Electrical Substation.

#### **CONTACT INFORMATION**

#### **IMPLEMENTING AGENCY**

→ M/s Jharkhand Mega Food Park Pvt Ltd

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Alireza Thaver, Executive Director

Phone- +91 9930 444534

alireza.thaver@jmfppl.com





#### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 (500 MT) at the CPC site. Works related to roads, STATE: MADHYA PRADESH drainage, admin building and worker hostel, MSME Indus Mega Food Park sheds etc. are currently under progress. There are four Primary Processing Centres (PPC) MODE OF IMPLEMENTATION located at Bedia, Mhow, Dhar and Ujjain There is a provision of about 30-40 plots & sheds for the → Private processing units. **PROJECT STATUS** LOCATION - DISTRICT TALUKA, TOWN, VILLAGE **CURRENT STATUS** → District - Khargone, Tehsil - Kasarwad, Village -Panwa, Area 54 acre → Started on August 2012 CONNECTIVITY - EXISTING AND PROPOSED ANTICIPATED PROJECT TIMELINES INFRASTRUCTURE → Expected completion in 2016. → Road – Nearest highway is NH3 which is 52 km from APPROXIMATE PROJECT COST → Railway – Bahety is the nearest railways station to site → Rs 1277.0 Million (USD 19.64 Million) which is approximate 29 km from site. MODE OF FUNDING & FUNDING AGENCY → Airport – Nearest airport is at Indore which is 137 km → Private with Grant in aid from MoFPI from site. → Seaport - NA. **PROJECT DETAILS** UTILITY INFRASTRUCTURE - EXISTING AND **PROJECT CONTOURS** PROPOSED INFRASTRUCTURE → The project has unique features of its Hi-tech Cold → Water - Plenty of Ground Water Available and Store, IQF with a focus on horticulture. The SPV is currently the site has Bore well to serve the project. undertaking contract farming for corn, chili etc. with

Power - Connection of Power is obtained from MPWZ

# **PROJECTS READY FOR PROCUREMENT IN FY 2016-17** CONTACT INFORMATION **IMPLEMENTING AGENCY** → M/s Indus Mega Food Park Pvt Ltd, → Akshay arcade, 3rd Floor, Plot No. 5, → Amar Co-operative Housing Society → Kavuri Hills, Madhapur, Hyderabad 500 081, Telangana, India KEY CONTACT PERSON(S) AND CONTACT DETAILS → Mr Naresh Mobile: 91-9441035555

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various FPOs in the region. The SPV has completed Works of core infrastructure components like IQF (5MTPH) and Cold storage (5000 MT), Deep Freeze

#### STATE: KARNATAKA

India Food Park

#### MODE OF IMPLEMENTATION

→ Private

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Started on March 2011

#### **ANTICIPATED PROJECT TIMELINES**

→ Expected completion in 2016.

#### APPROXIMATE PROJECT COST

→ Rs 1443.3 Million (USD 22.20 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private with Grant in aid from MoFPI

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ This Mega Food Park has provision of common facilities like integrated fruit and vegetable processing hall, comprising Freezer room (750 MT), IQF with spiral technology (1 MTPH), Cold storage (500 MT), Sorting 7 Grading line (10 MTPH), Pre-cooling line (10 MT), Banana ripening chamber (80 MT), Mango ripening chamber (300 MT), Pulping line with aseptic filing (6 MTPH), Warehouse (50,000Sqft for

raw materials and 100,000 Sqft for finished goods), Silos (12000 MT) and Steam generation (4 TPH), which would be used by the individual processing units.

There are four Primary Processing Centres (PPC) located at Tumkur, Chickballapur, Kolar and Mysore.

There is a provision of about 41 plots & sheds for the processing units. Of this, only 3 food processing units are operational as on date.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ District –Tumkur , Village –Kora, Area – 110 acre.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road Location of Food Park is off 1 Km from NH 4 (the highway connecting Mumbai to Chennai) The NH is connected to site via a 110 Ft double lane road.
- $\rightarrow$  Railway Tumkur railway station is 20 kms from site
- → Airport Bangalore airport is 100 kms from site.
- → Seaport Mangalore 323 km, Tutikorin–660 km

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water - KIADB has authorized 500 KL of after per day. Additional 500 KLD is under approval. 4 Million liter Rain water tank available at site. Power - The site is fed from nearby 20 MW KPTCL

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

SS located in Kora via a dedicated feeder of 11 KV. 7.5 MW power is been provided to the park.

1500 KVA of DG backup exists already

 $\mbox{\Large \ \rightarrow\ }$  Gas - Natural gas line is running parallel to the highway (2 kms from the site)

#### **CONTACT INFORMATION**

#### IMPLEMENTING AGENCY

 $\rightarrow$  Integrated Food Park Private Limited,

3rd Floor, No.18/1, Ashoka Pillar Road, Pasadena, 10th Main, Jayanagar, Bangalore- 560011

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri Monangi Sriniwas Rao,

Chief Executive Officer

Mob:- 09731615680

Email id.: monangi.rao@futureconsumer.in

→ Shri Karan Ket

Operations & Marketing Manager

Tel: +919686112825

Email: karan.ket@futureconusmer.in

Web: www.indiafoodpark.co.in

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#### STATE: ANDHRA PRADESH

Srini Food Park

#### MODE OF IMPLEMENTATION

→ Private

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Started on 2009

#### ANTICIPATED PROJECT TIMELINES

→ Completed in 2015

#### APPROXIMATE PROJECT COST

→ Rs 1211.0 Million (USD 18.63 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private with Grant in aid from MoFPI

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ This Mega Food Parkhas provision of common facilities like Aseptic Pulping (10 TPH),
Concentration Pulping (6TPH), Cold storage (600 tonnes), Warehouse (100,000 Sqft), Ripening
Chambers (2200 tonnes), Individual Quick Frozen
(IQF) (1TPH), Deep freezing (500 tonnes) and Tetra pack line (2500 PPH), which would be used by the individual processing units.

There are four Primary Processing Centres (PPC) located at Nizvidu, Tirupati, Madanapalle and Gudur.

→ There is a provision of about 26 plots & sheds for the processing units. Of this, only 4 food processing units are operational as on date. These units are involved in Noodles manufacturing, Pomegranate processing & exports, Fruit related Sauces, Pickle processing, Beverage etc

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Chittoor district, Mogili Village, Andhra Pradesh. Area – 142.80 acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- $\rightarrow$  Road Tirupathi Bangalore National Highway (NH 4)
- → Proximity (~150 Kms) to major consumption markets (Chennai, Bangalore and Tirupati)
- → Railway Chittoor Railway station 32 kms
- → Airport Bangalore, Chennai and Tirupathi Airports approx. 150 kms.
- → Seaport Chennai and Krishnapatnam Ports

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water - Soft Water Supply at Door Step

Power - 5 MVA Substation with dual feeders for reliable power – HT Line at Door Step

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ M/s Srini Food Park Pvt. Ltd.,

Ganesh Towers, 3rd floor,

Plot No. 488-489, Ayyappa Society, Madhapur, Hyderabad-500 081

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri Chandra Babu Pillay,

General Manger

Cell:-+91 80084 00994

Mail :- cbpillay@srinifoodpark.com





# DEFENCE PRODUCTION



# **REASONS TO INVEST**

- → 3rd Largest Military force in world
- → Ranks 8th in global military spending
- → India's Defence spending is likely to reach ~USD 65 Billion in 2020 as per projections of defence budget
- → With GoIs push for domestic manufacturing, indigenous procurement percentage is expected to increase to 70 % from current 30 %.
- → Overall size and modernization needs of Indian defence forces are enormous.

- → GoI has introduced various policies for greater inclusion of SMEs and private sector.
- → Increased foreign OEM participation by increasing FDI ceiling limit.
- → FDI ceiling in the defence sector has been hiked to 49 % under the government approval route.

# **INVESTMENT OPPORTUNITIES**

- → Major investment opportunities in Defence Aviation: Military helicopters, transportation and fighter aircrafts, maritime surveillance aircrafts, MRO facility for aircrafts
- → Major investment opportunities in Electronic Systems:
- Electronics segment opportunities worth USD 70 billion by 2025.
- Network centric systems, radars, communication systems, electronic warfare and electro optic equipment.
- → Modern equipment required by Indian Naval forces: Aircraft carrier, destroyers/frigates, submarines, landing platform docks, mine counter measure vessels, corvettes and fast interceptor crafts
- → Major investment opportunities in: Upgradation of tanks /Infantry combat vehicles , specialized vehicles like mine and protected vehicles, howitzers, artillery guns, anti tank and surface to air missiles, smart ammunition etc

#### STATE: TELANGANA

Wide Plate Mill Project

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Expected to Start in January 2017

#### ANTICIPATED PROJECT TIMELINES

→ Expected completion January 2018

#### APPROXIMATE PROJECT COST

→ Rs 3500 Million (USD 53.85 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### **PROJECT DETAILS**

#### **PROJECT CONTOURS**

→ The major objective behind this initiative is to promote indigenous design, development and skill enhancement in area of manufacture of special heavy equipment required for production of special alloy plates& sheets through the facility of reheating of slab, plate rolling, leveling,

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ District : Rangareddy

#### **CONNECTIVITY - EXISTING AND PROPOSED** INFRASTRUCTURE

→ Existing

#### **UTILITY INFRASTRUCTURE - EXISTING AND** PROPOSED INFRASTRUCTURE

 $\rightarrow$  Existing

#### CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

→ Mishra Dhatu Nigam Limited,

PO Kanchanbagh, Hyderabad

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri Debasish Dutta, GM(Projects & ES)

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: ANDHRA PRADESH

Defence System Integration Complex

#### MODE OF IMPLEMENTATION

→ Government (BEL)

#### PROJECT STATUS

#### **CURRENT STATUS**

- → Handing over of Land by APIIC for 913.99 acres under final stage. Approval for First Phase Civil Infra-Structure works (incl Compound Wall) under
- → Factory Approvals yet to be initiated after completion of Land registration.

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Expected to be completed in the year 2018

#### APPROXIMATE PROJECT COST

→ Rs 1650 Million (USD 25.38 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government (BEL)

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ Infrastructure will be used for Missile Subsystem manufacturing /integration and weapon system integration. BEL is nominated by MoD as nodal agency for the manufacture of all the missile electronics. The project will facilitate BEL to meet the growing needs of Defence requirements.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Palasamudram, Gorantala Mandal, Ananthapur Dt, Andhra Pradesh. Land – 914 acre

#### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Located on NH-7 between Bangalore & Hyderabad(AP) in AP.
- → Rail: 120KM from Bengaluru.
- → Airport: Bengaluru International Air Port (Karnataka) - 90KM from the Site.

#### UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Government of Andhra Pradesh is planning

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Bharat Electronics Limited

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri.R.Pugazhenthi, Addl. Geneneral Manager, Missile Systems SBU. Phone:080-2838 6542 & Shri.R.V.Uma Maheshwara Rao, Sr.DGM - Engg. Services. Mobile: 9632441097







# STATE: MACHILIPATNAM, ANDHRA PRADESH

Opto Electronics Products – Factory Premises

#### MODE OF IMPLEMENTATION

→ Government (BEL)

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Digital survey, soil testing, construction of compound wall under pre qualification of vendors. Preliminary scheme finalized and detailed drawings under progress.

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Expected to be completed in the year 2019

#### APPROXIMATE PROJECT COST

→ Rs 2870 Million (USD 44.15 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government (BEL)

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Modern facility for production of high end Opto-Electronics products to meet the demand of Armed and security forces of India in accordence of the Govt. of India Policy (Make in India). Expected Business potential in the next ten years is estimated at Rs.27000 Cr for BEL. The proposed project can attract new technologies through collaborations under the Make in India policy with good returns.

#### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Krishna District, Pammaru mandalam, Nimmaluru, Andhra Pradesh

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Proposed project is on the National High way 64 Vijayawada Machilipatnam
- → Rail: Machilipatnam / Vijayawada.
- → Airport: Vijayawada (Gannavaram)
- → Seaport: Machilipatnam Port ( Under Development)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Proposed

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Bharat Electronics Limited

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. T.N Ramesh, General Manager, Phone: 08672 - 222582.

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

#### STATE: KARNATAKA

Hindustan Turbo Fan Engine (HTFE-25)

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Project Definition and Design phase completed. Core engine run conducted on 14 Dec 2015.

#### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  To be firmed up

#### APPROXIMATE PROJECT COST

→ Rs 4414.1 Million (USD 67.91 Million)

#### MODE OF FUNDING & FUNDING AGENCY

ightarrow Ministry of Defence , GoI

#### PROJECT DETAILS

#### PROJECT CONTOURS

→ 25 KN thrust class HTFE Design and Development has been taken up with an aim to power Basic Military Aircraft. Development effort through this medium sized Gas Turbine Engine will enable the country to achieve self reliance in design of this class of Aircraft Gas Turbine Engines.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Bangalore , Karnataka

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Adjacent to HAL Airport Road at Bangalore
- → Rail: Bangalore City Railway Station (17 Kms)
- → Airport: Adjacent to HAL Airport., 50 Kms from Bangalore International Airport.
- → Seaport: Chennai Port (350 Kms)

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Existing

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

 $\rightarrow$  HAL

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr V Sridhara, General manager, AERDC, Bangalore







# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

#### STATE: MAHARASHTRA, UTTAR Pradesh and telangana

Enhancement of ROH capacity of Su-30 MKI

#### MODE OF IMPLEMENTATION

→ Government

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Capacity augmentation to be undertaken after receipt of CCS Sanction.

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  To + 5 years, To is receipt of CCS sanction.

#### APPROXIMATE PROJECT COST

 $\rightarrow$  Rs 13322.9 Million (USD 204.97 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Ministry of Defence, Government of India

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Enhancement of ROH Capacity of Su-30 MKI from 15 aircraft to 20 aircraft and aggregates from 15 aircraft sets to 35 aircraft sets.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

- → HAL, Nasik, Niphad, Ojhar airframe
- → HAL, Lucknow, UP
- → HAL, Hyderabad, Telangana
- → HAL, Korwa, UP

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Located by the side of Mumbai-Agra Express Way Situated at 25 Kms from Nasik Road Railway Station Nearest airport is Mumbai Nearest port is Mumbai

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing

#### CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

 $\boldsymbol{\rightarrow}$  Hindustan Aeronautics Limited - Aircraft Overhaul Division, Nasik

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr Narayanan R, General Manager, HAL Aircraft Overhaul Division, Nasik.

Contact No: 02550-275883

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

#### STATE: KARNATAKA

Helicopter Factory

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

- → Govt. of Karnataka handed over the land of 610 acres to Hindustan Aeronautics Ltd.
- → Topography survey of land has been completed.
- → Preliminary Project Report(PPR) under preparation.

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Expected to be completed in 2020.

#### APPROXIMATE PROJECT COST

→ Rs 50,000 Million (USD 769.23 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Ministry of Defence, GoI

#### **PROJECT DETAILS**

#### **PROJECT CONTOURS**

→ The Helicopter factory at Tumakuru is planned for Manufacture, Repair / Overhaul of Light Utility Helicopters(LUH),10 ton helicopters, Light Combat Helicopters systems/components as well any other 'Transfer of Technology' helicopters .

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Tumakuru District, Gubbi Taluk, Bidarehalla kaval Village, Area – 610 acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Adjacent to NH-206 (Shivamogga to Tumakuru)
- → Rail: Gubbi railway station, Tumakuru district, Distance 15km from project site
- → Airport: Bangalore International Airport, Distance 125 km from the project site

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

→ Existing

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Hindustan Aeronautics Limited, Bangalore

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr V. Natarajan, General Manager, HAL Helicopter Division, Bangalore



# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

#### STATE: KARNATAKA

Capacity Augmentation of Light Combat Aircraft.

#### MODE OF IMPLEMENTATION

→ Government

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Capacity augmentation to be undertaken after receipt of CCS Sanction.

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  T0+ 3 Years, To is the date of receipt of CCS sanction.

#### APPROXIMATE PROJECT COST

→ Rs 12598 Million (USD 193.82 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ HAL has established the facilities for production of 8 LCA per annum. Ramping up of production rate of LCA from 8 aircraft to 16 aircraft per annum is proposed to meet the customer requirement.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Bangalore.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Adjacent to HAL Airport Road at Bangalore
- → Rail: Bangalore City Railway Station (17 Kms)
- → Airport: Adjacent to HAL Airport. 50 Kms from Bangalore International Airport.
- → Seaport: 350 km from Chennai seaport.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Existing

#### **CONTACT INFORMATION**

#### IMPLEMENTING AGENCY

→ LCA - LCA Tejas Division - Bangalore

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr Sridharan V., General Manager, HAL LCA Tejas Division, Bangalore

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

#### STATE: GOA

Mine Counter Measure Vessels (MCMV)

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Tentative start date - April 2018.

#### ANTICIPATED PROJECT TIMELINES

→ Tentative completion date – December 2026.

#### APPROXIMATE PROJECT COST

→ Rs 12140 Million (USD 186.77 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

#### PROJECT DETAILS

#### PROJECT CONTOURS

- → Construction of 12 MCMVs at Goa shipyard Ltd. (GSL) under ToT from foreign ToT Provider Shipyard.
- → GSL is also in the process of creating Infrastructure for building the MCMVs and other state of the art vessels. The Infrastructure Modernisation Plan is being executed in phases and final stage of completion is scheduled in early 2016. On completion of the same, GSL will have capacity to build high technology GRP

hull MCMVs and other modern warships. This will also substantially enhance the rate of production and shipbuilding capacity of the yard.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ South Goa, Mormugao taluka, Vasco da Gama, Vaddem.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Yard close to existing NH17
- → Rail: Close to Vasco da Gama Railway station (SCR). (2 Km approx)
- → Airport: Dabolim Airport (3 km. approx) and also very close to seaport (3 Km approx) .

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

→ Available

#### CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

→ Goa Shipyard Ltd

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. Yatin Hegde Desai, AGM(FPG) Tel: 0832 2512152-56, Extn. 290 yatin@goashipyard.com

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# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

#### STATE: PALAKKAD, KERALA

Main Line Aluminium Rolling Stock

#### MODE OF IMPLEMENTATION

→ Government

#### PROJECT STATUS

#### **CURRENT STATUS**

→ Indian Railways are contemplating to replace the existing Rolling Stock (Carton Steel) with Aluminum Rolling Stock for reducing the energy consumption and also to avoid corrosion and BEML would like to be the Rolling Stock Supplier.

#### ANTICIPATED PROJECT TIMELINES

→ Next 2-3 Years.

#### APPROXIMATE PROJECT COST

→ Rs 1250 Million (USD 19.23 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government/PPP

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ To develop Self Reliant Technology for manufacture of Aluminium Rolling Stock which will help the Indian Railways to reduce the energy consumption & Corrosion.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Palakkad

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Proximity to NH
- → Rail: Rail Connectivity available with in 5 KMs
- → Airport: Coimbatore.
- → Nearest Ports are Chennai & Cochin

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Available

#### **CONTACT INFORMATION**

#### **IMPLEMENTING AGENCY**

→ BEML Limited / Indian Railways

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  General Manager, Bangalore Complex

Phone: 080-25243013

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

#### STATE: KARNATAKA. KERALA

Medium Speed Trains

#### MODE OF IMPLEMENTATION

→ Government

#### **PROJECT STATUS**

#### **CURRENT STATUS**

→ Indian Railways are planning to introduce Medium Speed Trains with distributed power to increase the energy conservation and reduce travel time. BEML is on look out for working partnership with a Global Player.

#### **ANTICIPATED PROJECT TIMELINES**

→ Next 2-3 Years

#### APPROXIMATE PROJECT COST

 $\rightarrow$  Rs 1250 Million (USD 19.23 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government/PPP

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Indian Railways are planning to introduce Medium Speed Trains with distributed power to increase the energy conservation and reduce travel time

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Bangalore, Karnataka /Palakkad, Kerala

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Proximity to NH
- → Rail: Rail Connectivity available with in 5 KMs
- → Nearest Airport is Bangalore, Coimbatore.
- → Nearest Ports are Chennai & Cochin

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Available

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ BEML Limited / Indian Railways

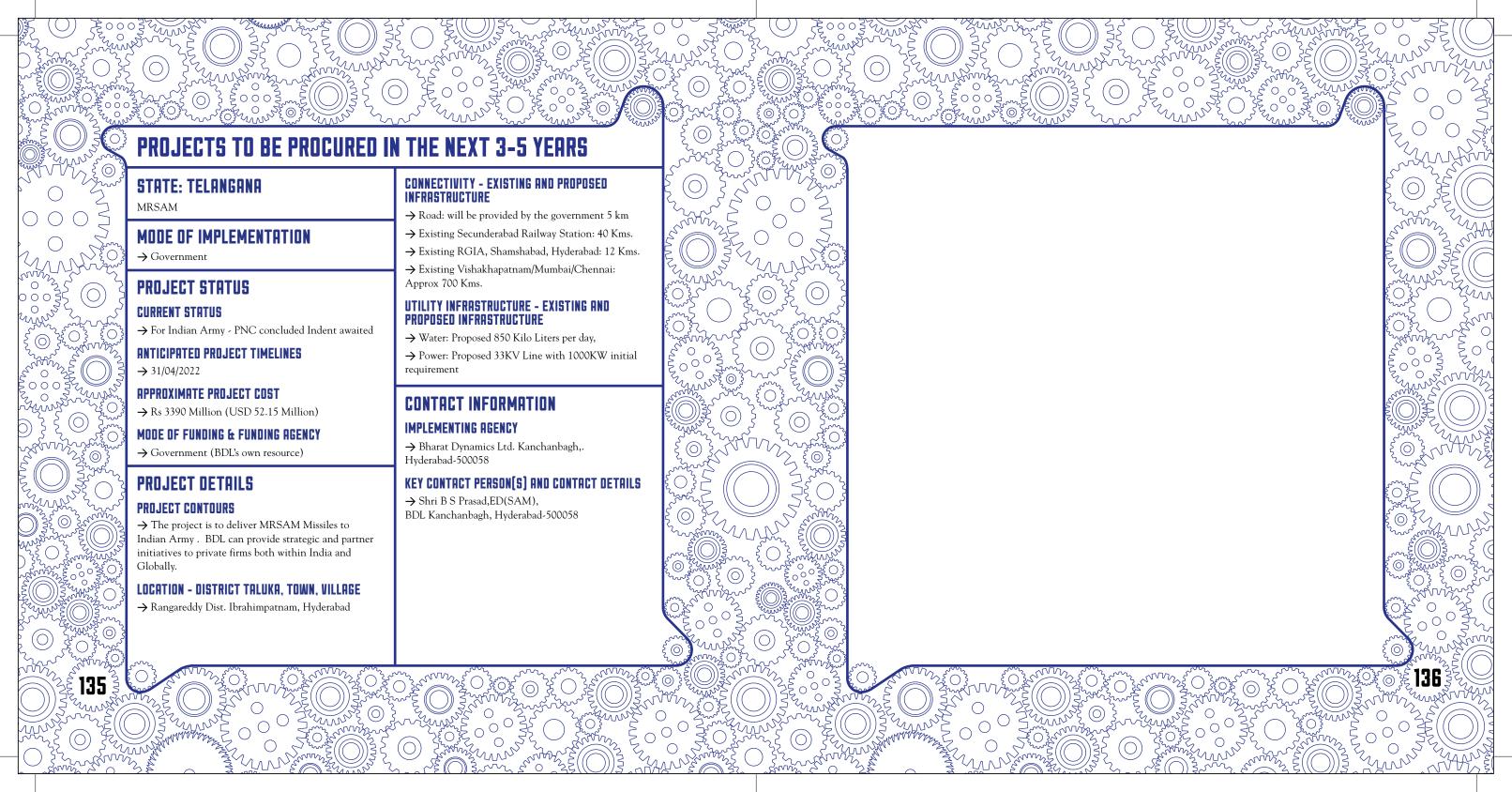
#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  General Manager, Bangalore Complex

Phone: 080-25243013



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# INVESTMENT OPPORTUNITIES IN FY 2016-17 AND IN NEXT 3-5 YEARS

# INVESTMENT OPPORTUNITIES IN ANDHRA PRADESH

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#### STATE: ANDHRA PRADESH

Greenfield non-major port at Bhavanapadu

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

#### **PROJECT STATUS**

#### **CURRENT STATUS**

- → Techno-Economic Feasibility Study is completed by Indian Ports Association
- → RFP released to qualified RFQ applicants

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  2017

#### APPROXIMATE PROJECT COST

 $\rightarrow$  INR 35000 Million (USD 538.46 Million)

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

#### **PROJECT DETAILS**

#### PROJECT CONTOURS

→ The Government of Andhra Pradesh has plans to develop a non-major Greenfield port at Bhavanapadu, Srikakulam District. This proposal emanates from the fact that the hinterland of this port has a rich potential of agricultural produce, salt, marine and mineral resources. The hinterland comprises of Srikakulam and Vizianagaram districts

of Andhra Pradesh and mineral rich states of Chhattisgarh, Jharkhand, Madhya Pradesh and Southern Orissa.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Bhavanapadu, Srikakulam District

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

#### Existing:

- → 25 kms from NH 16
- ightarrow 7 kms from Bhavanapadu at Naupada Junction
- → Close to Visakhapatnam Airport

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Director of Ports, Ports Department under Energy, Infrastructure and Investment Department, Government of Andhra Pradesh

P.B. No.11, Port Administrative Building, Beach Road, Kakinada – 533007

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Ravikumar Vinnakota

E-mail: dir\_ports\_kkd@ap.gov.in, ravikumar\_vinnakota@hotmail.com

Contact number: 09704634399

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### STATE: ANDHRA PRADESH

Development of Greenfield Airport in Bhogapuram, Vizianagaram

#### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

## PROJECT STATUS

#### **CURRENT STATUS**

→ Preliminary Project Report & Market Survey completed

#### **ANTICIPATED PROJECT TIMELINES**

→ Sep-16 to Dec-18

#### APPROXIMATE PROJECT COST

→ INR 32500 Million (USD 500 Million)

#### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

# PROJECT DETAILS PROJECT CONTOURS

→ Development of greenfield international airport at Bhogapuram Mandal in Vizianagaram District to improve aviation infrastructure within the state.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Vizianagaram District, Bhogapuram Mandal

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

#### Existing:

- → 3 km from National Highway
- → 30 kms from Vizianagaram and 50 kms from Visakhapatnam Railway station
- → 40 kms from Visakhapatnam Airport
- → 50 kms from Visakhapatnam and Gangavaram Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Techno-economic feasibility study underway

#### CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Infrastructure Corporation of Andhra Pradesh 10-2-1, 3rd Floor, FDC Complex, AC Guards, Hyderabad – 500 028

#### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. K Sambasiva Rao, VC&MD, INCAP

Telephone No.s: +91 40 2332 1771/72

e-mail – incap@incap.co.in





### STATE: ANDHRA PRADESH

Greenfield Beach Road from Ichchapuram to Tada (~1000 km): Development of Bhogapuram to Visakhapatnam (~19 km) and Visakhapatnam to Addaripeta (~ 85 km). has been prioritized

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Techno-Economic Feasibility Study is under way.

### ANTICIPATED PROJECT TIMELINES

**→** 2016

### APPROXIMATE PROJECT COST

→ INR 20000 Million(USD 307.69 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

# PROJECT DETAILS PROJECT CONTOURS

- → The Government of Andhra Pradesh had planned to develop a road with new alignment along the High Tide Line from Ichchapuram (Srikakulam district in the North) to Tada (Nellore district in the South) to promote economic activities along the long coast line which the state is endowed with.
- → The Beach Road is expected to catalyze economic activities in the coastal areas by providing

connectivity. It is envisaged to support and promote all economic activities in the Influence Zone such as industrial activities, tourism, port related activities, marine and fisheries.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

 $\rightarrow$  Srikakulam, Vizianagaram and Visakhapatnam districts

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

Existing:

- → Near NH 16
- ightarrow Parallel to Chennai Kolkata broad gauge (BG) main lane
- → Close to Visakhapatnam Airport
- → Close to Visakhapatnam and Gangavaram Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### **CONTACT INFORMATION**

### IMPLEMENTING AGENCY

→ Transport, Roads and Buildings Department of Andhra Pradesh 5th Floor, J Block, AP Secretariat, Hyderabad, 500022

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P Subbaraya Sarma (Chief Engineer, Transport, Roads and Buildings Department of Andhra Pradesh) E-mail: cgmt@incap.co.in Contact number: +91 9701450775

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ANDHRA PRADESH

Integrated Sports Complex at Tirupati

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

## PROJECT STATUS

**CURRENT STATUS** 

 $\rightarrow$  NA

### **ANTICIPATED PROJECT TIMELINES**

→ July, 2016 to June, 2019

### APPROXIMATE PROJECT COST

→ INR 3100 Million (USD 47.69 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

# PROJECT DETAILS PROJECT CONTOURS

→ The Project objective is to develop an integrated sports complex in Tirupati under PPP (Public Private Partnership) mode and the partnership would adopt DBFOT (design, build, finance, operate and transfer) model.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

ightarrow Chittoor, Tirupati,Surappakasam

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

Existing:

- → 4 kms from NH
- → 6 kms from Renigunta Railway Station
- → 12 kms from Tirupati Airport
- → 120 kms from Chennai Airport

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

→ Infrastructure Corporation of Andhra Pradesh (INCAP), # 10-2-1, III Floor, FDC Complex, AC Guards, Hyderabad – 500 028 A.P. INDIA

Phone: +91-40-2332 1771/2 E mail: incap@incap.co.in

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sri. K. Sambasiva Rao, IRTS,

Vice-Chairman & Managing Director

Phone: +91-40-2332 1771/2 E mail: md@incap.co.in



### STATE: ANDHRA PRADESH

→ Integrated Sports Complex at Visakhapatnam

### MODE OF IMPLEMENTATION

→ PPP

# PROJECT STATUS CURRENT STATUS

 $\rightarrow$  NA

### ANTICIPATED PROJECT TIMELINES

→ Oct, 2016 to Sep, 2019

### APPROXIMATE PROJECT COST

→ INR 2750 Million (USD 42.3 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

# PROJECT DETAILS PROJECT CONTOURS

→ The Project objective is to develop an integrated sports complex in Visakhapatnam under PPP (Public Private Partnership) mode and the partnership would adopt DBFOT (design, build, finance, operate and transfer) model.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Visakhapatnam, Gandigundam

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

Existing:

- → 4 kms from NH
- → 23 Kms from Vizag Railway Station
- → 17 Kms from Vizag Airport
- → 21 Kms from Vizag Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### **CONTACT INFORMATION**

### IMPLEMENTING AGENCY

→ Infrastructure Corporation of Andhra Pradesh (INCAP), # 10-2-1, III Floor, FDC Complex, AC Guards, Hyderabad – 500 028 A.P. INDIA

Phone: +91-40-2332 1771/2 E mail: incap@incap.co.in

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sri. K. Sambasiva Rao, IRTS,

Vice-Chairman & Managing Director

Phone: +91-40-2332 1771/2 E mail: md@incap.co.in

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ANDHRA PRADESH

Selection of the developer for a Convention Centre at Vijaywada in Andhra Pradesh on PPP basis

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Techno economic Feasibility study completed RFP issued

### ANTICIPATED PROJECT TIMELINES

→ Start during Nov 2016

### APPROXIMATE PROJECT COST

 $\rightarrow$  INR 2600 Million (USD 40 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

- → Government of Andhra Pradesh envisages development of a world class Convention Centre in Vijaywada on PPP basis.
- → Besides the convention centre, there are other

components in the project such as an Exhibition Centre, 4 Star Hotel and Commercial Complex making it an attractive Real Estate Investment opportunity. Further, Ibrahimpatnam has been chosen as the site which is strategically located.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Vijayawada, Ibrahimpatnam

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Infrastructure Corporation of Andhra Pradesh 10-2-1, 3rd Floor, FDC Complex, AC Guards, Hyderabad – 500 028

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. K Sambasiva Rao, VC&MD, INCAP Telephone No.s: +91 40 2332 1771/72 e-mail – incap@incap.co.in





### STATE: ANDHRA PRADESH

Selection of the developer for a Convention Centre at Visakhapatnam in Andhra Pradesh on PPP basis

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### PROJECT STATUS

### **CURRENT STATUS**

 $\boldsymbol{\rightarrow}$  Techno economic Feasibility study completed RFP issued

### ANTICIPATED PROJECT TIMELINES

→ Start during Nov 2016

### APPROXIMATE PROJECT COST

→ INR 2600 Million (USD 40 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Government of Andhra Pradesh envisages development of a world class Convention Centre in Visakhapatnam on PPP basis. → Besides the convention centre, there are other components in the project such as an Exhibition Centre, 5 Star Hotel and Commercial Complex making it an attractive Real Estate Investment opportunity. Further, Madhurawada has been chosen as the site which is strategically located.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Visakhapatnam, Madhurawada

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Infrastructure Corporation of Andhra Pradesh 10-2-1, 3rd Floor, FDC Complex, AC Guards, Hyderabad – 500 028

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. K Sambasiva Rao, VC&MD, INCAP Telephone No.s: +91 40 2332 1771/72 e-mail – incap@incap.co.in

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ANDHRA PRADESH

Development of Greenfield Airport in Orvakal, Kurnool District

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

 $\rightarrow$  NA

### ANTICIPATED PROJECT TIMELINES

→ Aug, 2016 to Dec, 2017

### APPROXIMATE PROJECT COST

→ INR 2310 Million (USD 35.53 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Development of Greenfield airport at Orvakal mandal in Kurnool District to improve aviation infrastructure within the state.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Kurnool District, Orvakal Mandal

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

Existing:

- → 1.6 km from NH
- → 23 km from Kurnool Railway station

350 kms from Krishnapatnam Port

- → Proposed:
- → Airport is proposed in proximity

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Bhogapuram International Airport Corporation Ltd., 3rd Floor, FDC Complex, AC Guards, Hyderabad - 500 028.

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr M. Venkateshwarlu, Managing Director,

Phone: +91 40 2332 1771/2

Email: mdbiacl@gmail.com



### STATE: ANDHRA PRADESH

Development of Greenfield Airport in Dagadarthi, Nellore District

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

 $\rightarrow$  NA

### ANTICIPATED PROJECT TIMELINES

→ August, 2016 to December, 2017

### APPROXIMATE PROJECT COST

→ INR 2250 Million(USD 34.61 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Development of greenfield airport at Dagadarthi mandal in Nellore District to improve aviation infrastructure within the state.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Nellore District, Dagadarthi Mandal

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

Existing:

- → 1.8 km from National Highway
- → 35 km from Nellore Railway station
- → 65 kms from Krishnapatnam Port
- → Proposed:
- → Airport is proposed in proximity

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

→ Bhogapuram International Airport Corporation Ltd., 3rd Floor, FDC Complex, AC Guards, Hyderabad - 500 028.

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr M. Venkateshwarlu, Managing Director,

Phone: +91 40 2332 1771/2 Email: mdbiacl@gmail.com

# INVESTMENT OPPORTUNITIES IN UTTAR PRADESH



### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 STATE: UTTAR PRADESH about 145.1 Ha (358.56 acres) between NH-91 and Eastern Peripheral Expressway (EPE) earmarked for Integrated Multimodal Logistic Hub future expansion. By the year 2031-32, MMLHs are expected to handle 29 unidirectional trains a day MODE OF IMPLEMENTATION excluding traffic to Delhi region. $\rightarrow$ PPP The key components of the project include the PROJECT STATUS i. Trunk level infrastructure external to the site **CURRENT STATUS** ii. Railway tracks within the site iii. Container stacking area → Techno economic Feasibility Study Completed ANTICIPATED PROJECT TIMELINES iv. Container Freight Stations (CFSs) v. Container and equipment maintenance areas $\rightarrow$ TBD vi. Bonded and General warehouses APPROXIMATE PROJECT COST vii. Dedicated space for value added service → INR 35409 Million (USD 544.75 Million) provision MODE OF FUNDING & FUNDING AGENCY viii. Truck terminal and amenities → SPV(DMIC+GNIDA) ix. Staff Housing PROJECT DETAILS x. Small and Medium Enterprises xi. Commercial complexes PROJECT CONTOURS LOCATION - DISTRICT TALUKA, TOWN, VILLAGE → An integrated Multimodal Logistics Hub (MMLH) has been identified as one of the key Early Bird → Dadri, Greater Noida Project (EBP) in the preparation of Development **CONNECTIVITY - EXISTING AND PROPOSED** Plan for Dadri-Noida- Ghaziabad Investment Region INFRASTRUCTURE (DNGIR) in Uttar Pradesh (UP) sub-region of → Road - The site is 3 kms from NH-91Rail – Major DMIC.

→ The hub lies within the planning boundaries of

the city of Greater Noida and its extension. The site

area is about 293.8 Ha (725.6 acres) placed between

BG line in the south-west and an additional area of

NH-91 in the north-west and the Delhi-Howrah

Railway Station – The site is adjacent to northern

route rail link. The nearest railway station is 1 km

→ Airport - nearest Airport is IGI, 55 mins and

from site.

~55kms from the site.

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water Ganga water supply project and underground project Power by NCPL
- → Logistics Proposed logistics hub at a distance of 6 kms (proposed)

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Greater Noida Industrial Development Authority (GNIDA), 169, Chitvan Estate, Sector-Gamma II Greater Noida, Gautam Budh Nagar-201308 Uttar Pradesh, India.

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

- → Leenu Sehgal, Director,
- 169, Chitvan Estate, Sector-Gamma II, Greater Noida, Gautam Budh Nagar- 201308 Uttar Pradesh, India gmplnggnida@gmail.com

### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 • Passenger Rail Terminal for IR trains4 STATE: UTTAR PRADESH • Regional bus - ISBT Multi Modal Transport Hub (MMTH) • MRTS MODE OF IMPLEMENTATION → The trunk level infrastructure within the site includes water, waste water and recycled water, $\rightarrow$ PPP storm water, power, internal road infrastructure, underground utilities, IT/ telecom infrastructure and **PROJECT STATUS** site level landscape infrastructure. **CURRENT STATUS** → The catchment area of the hub includes the regions of Noida, Greater Noida, Greater Noida → Techno economic Feasibility Study Completed Extension and area proposed for development ANTICIPATED PROJECT TIMELINES under YEIDA, besides the nearby Sikandrabad, $\rightarrow$ TBD

Bulandshahar and Aligarh districts. The hub proposes to cater to the transportation needs of a daily population of 722,552 and is expected to generate a total parking demand of 8,612 equivalent car space (ECS) by 2041.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Bokari

### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ The site is 3 kms from NH-91 The site is adjacent to northern route rail link. The nearest railway station is 1 km from site Nearest Airport is IGI, 55 mins and ~55kms from the site

### UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water Ganga water supply project and underground project Power - by NCPL
- → Logistics Proposed logistics hub at a distance of 6 kms (proposed)

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Greater Noida Industrial Development Authority (GNIDA), 169, Chitvan Estate, Sector-Gamma II Greater Noida, Gautam Budh Nagar-201308 Uttar Pradesh, India

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Leenu Sehgal, Director, 169, Chitvan Estate, Sector-Gamma II Greater Noida, Gautam Budh Nagar-201308 Uttar Pradesh, India

gmplnggnida@gmail.com

# PROJECT DETAILS PROJECT CONTOURS

→ SPV(DMIC+GNIDA)

APPROXIMATE PROJECT COST

→ INR 19730 Million (USD 303.53 Million)

MODE OF FUNDING & FUNDING AGENCY

- → The MMTH has been envisaged as a transport hub with a proposed area of 148.5 acres along the Delhi Kolkata trunk rail corridor, with a state-ofthe-art railway station at Boraki as its nucleus. This is an early bird project being developed as part of the Delhi Mumbai Industrial Corridor (DMIC). The MMTH will be located in the Dadri-Noida-Ghaziabad Investment Region (DNGIR) node of the DMIC in Uttar Pradesh.
- → The MMTH would have the following components:





### STATE: UTTAR PRADESH

Samajwadi Purvanchal (Lucknow – Ballia) Expressway

### MODE OF IMPLEMENTATION

 $\rightarrow$  EPC

### PROJECT STATUS **CURRENT STATUS**

 $\rightarrow$  NA

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: March 2016
- → Construction End Date: 31 March 2019

### APPROXIMATE PROJECT COST

PROJECT DETAILS

PROJECT CONTOURS

→ INR 180000 Million (USD 2.76 Billion)

### MODE OF FUNDING & FUNDING AGENCY

→ Funds to be raised by UPEIDA partly from State Government and partly from outside market sources.

→ Construction of 348 Km long Greenfield Access Controlled Expressway. This Expressway will provide

a seamless connectivity of agriculturally predominant

rural areas of ten districts of Eastern Uttar Pradesh

to the State capital, Lucknow and on to Delhi and

NCR (through the Agra - Lucknow Expressway and

Yamuna Expressway) on one hand and upto Kolkata

via Patna on the other side. These Metropolitan and other traditional market areas offer a big consumer

## CONTACT INFORMATION

current Prime Minister.

Authority (UPEIDA)

→ Shri Navneet Sahgal, IAS Chief Executive Officer, UPEIDA

market for agricultural and industrial produce of these districts, thus paving the way for economic development of these districts and other nearby districts of Eastern Uttar Pradesh including Varanasi that is the Parliamentary Constituency of our

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ 348 km long Expressway from Lucknow upto a point at village Bharauli in Ballia district (bordering the State of Bihar) where it meets the junction of NH – 19 and NH - 84 to Patna crossing through ten districts of eastern Uttar Pradesh namely Lucknow, Barabanki, Sultanpur, Amethi, Faizabad, Ambedkarnagar, Azamgarh, Mau, Ghazipur and Ballia.

### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### **UTILITY INFRASTRUCTURE - EXISTING AND** PROPOSED INFRASTRUCTURE

### IMPLEMENTING AGENCY

→ Uttar Pradesh Expressways Industrial Development

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

Ph: 91-9415105000

Secyinfo99@gmail.com; upeida2@gmail.com

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: UTTAR PRADESH

Mega Leather cluster Project

### MODE OF IMPLEMENTATION

→ Government

# PROJECT STATUS

**CURRENT STATUS** 

→ Government of India give In principle approval of MLC, Notification done by UP Government and Environmental clearance on process

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: August 2016
- → Construction End Date: October 2017

### APPROXIMATE PROJECT COST

→ INR 6000 Million (USD 92.3 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ SPV+UPSIDC

### **PROJECT DETAILS** PROJECT CONTOURS

→ All type of leather industry infrastructure available and C.E.T.P and S.T.P available, Training institute and skill centre.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Distt-kanpur, Near Ramaipur City

### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Existing 4 Lane road
- → Existing Ramaipur Railway Station at 15 KM
- → Existing Lucknow domestic airport-80 KM

### UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Proposed in own water supply
- → Praposed 2-32 KWA power station

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ U.P State Industrial Development Corporation Ltd., Complex, A1/4 Lakhanpur, Kanpur-208024

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Manoj Singh, J.A.S, MD UPSIDC.0512-2582851-53.0512-2580797





### STATE: UTTAR PRADESH

Theme Park – Seven Cities Project

### MODE OF IMPLEMENTATION

→ Government

### PROJECT STATUS

### **CURRENT STATUS**

→ Notification and Acquisition Done by Government of UP

### ANTICIPATED PROJECT TIMELINES

→ Construction Start Date: November 2016

Construction End Date: October 2018

### APPROXIMATE PROJECT COST

→ INR 20000 Million (USD 307.69 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ SPV+UPSIDC

### PROJECT DETAILS

### PROJECT CONTOURS

→ Hi-Tech City, State-of-the-art infrastructure, provide concept of Indian 7 hindu mythology (providing Residential, Group Housing Society, Commercial, Ware Housing, Institutional, ,Multiplexes, Mega Malls Plots Available) Basic Infrastructure available (Smart roads, drainage, sewerages treatment plant, LED based

electricity, over all Wi-Fi, Under ground Caleling, Green Field) Provides Exibition Center, Golf Corse ,Park All clearances approved but environmental on process

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Distt-Agra, Near tajmahal City

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Existing 4 Lane road
- → Existing Agra Railway Station at 15 KM
- → Existing New Delhi airport-80 KM

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Proposed in own water supply
- → Praposed 4-32 KWA power station

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ U.P State Industrial Development Corporation Ltd.,Complex,A1/4 Lakhanpur ,Kanpur-208024

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

ightarrow Manoj Singh, I.A.S, MD

UPSIDC, 0512-2582851-53, 0512-2580797

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: UTTAR PRADESH

Electronic Manufacturing Cluster (EMC-01)

### MODE OF IMPLEMENTATION

→ PPV/SPV

### **PROJECT STATUS**

### **CURRENT STATUS**

 $\rightarrow$  It is sanctioned by GOI and anchor unit yet to be finalised

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: March 2017
- → Construction End Date: December 2017

### APPROXIMATE PROJECT COST

→ INR 1259.5 Million (USD 20.91 Million) + cost of land 1149 Million (USD 17.67 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  Govt.+PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The project will be implemented by the SPV. Government incentives and Tax benefits are the attractive points for the investors. All the approvals and clearances will be provided through single window system

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Gautam Budha Nagar U.P.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → EMC is situated on a 120 mtr wide road and connected well with Agra and Delhi by Yamuna Expressway
- → Rail connectivity from Delhi, Dadri and Ghaziabad
- → Airport at Jewar under proposal. 75 kms from Delhi

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Ground water available through borewell
- → Connectivity with 765KVA is available through UPPCL
- → Gas connectivity through GAIL is under proposal

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ U.P Electronics Corporation Liited

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Praveen Kumar (Dy. GM),

UP Electronics Corporation Liited

Ph: 09235567201, 0522-2286809

praveenuplc@gmail.com





### STATE: UTTAR PRADESH

Electronic manufacturing cluster (emc-o3)

### MODE OF IMPLEMENTATION

→ PPV/SPV

### **PROJECT STATUS**

### **CURRENT STATUS**

 $\boldsymbol{\rightarrow}$  It is sanctioned by GOI and anchor unit yet to be finalised

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: August 2018
- → Construction End Date: December 2021

### APPROXIMATE PROJECT COST

→ INR 1259.5 million (USD 19.37 million

### MODE OF FUNDING & FUNDING AGENCY

→ Govt.+PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The project will be implemented by the SPV. Government incentives and Tax benefits are the attractive points for the investors. All the approvals and clearances will be provided through single window system.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Gautam Budha Nagar U.P.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

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### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Praveen Kumar (Dy. GM), UP Electronics Corporation Liited

Ph: 09235567201, 0522-2286809

praveenuplc@gmail.com

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: UTTAR PRADESH

Metro rail project

### MODE OF IMPLEMENTATION

→ PPV/Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Techno economic feasibility in process by DMRC

### ANTICIPATED PROJECT TIMELINES

→ NA

### APPROXIMATE PROJECT COST

 $\rightarrow$  NA

### MODE OF FUNDING & FUNDING AGENCY

→ Govt./PPP/Private

### **PROJECT DETAILS**

### **PROJECT CONTOURS**

→ The area which shall be served by the proposed metro rail have major developments including site of F1 racing track and other developments of international interests. This area will have a population of approximately 16-20 lacks including a major share of floating population in industrial and institutional areas. Hence, there will be need of Mass Rapid Transportation Systems.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Gautam Budha Nagar U.P.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

### **CONTACT INFORMATION**

### IMPLEMENTING AGENCY

→ NMRC

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  NA

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# INVESTMENT OPPORTUNITIES IN ASSAM

# **PROJECTS READY FOR PROCUREMENT IN FY 2016-17**

### STATE: ASSAM

Multi sector economic zone with integrated logistic hub

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### PROJECT STATUS

### **CURRENT STATUS**

→ Pre-feasibility study completed

### ANTICIPATED PROJECT TIMELINES

→ Nov-2017 to Oct- 2020

### APPROXIMATE PROJECT COST

→ INR 1470 Million (USD 22.61 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Equity : 30% , Debt: 70%

### **PROJECT DETAILS**

### **PROJECT CONTOURS**

→ Set up a multi sectoral economic zone where land and other infrastructure would be provided for undertaking manufacturing activities

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

 $\rightarrow$  Dhing in Nagaon District

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

### Existing:

- → Connected through East-West Corridor ( AH-1) and Nagaon-Dhing connected with State Highway
- → Dhing is connected with BG line with nearest Rail Junction at Nagaon
- → 170 kms from Guwahati Airport
- → 160 kms from Pandu Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Capacity of existing sub-station to be enhanced.
- → Educational Institution like School, Colleges are available nearby proposed site. 30 bedded hospital and private nursing homes are also available at Dhing.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Industries & Commerce Department, Government of Assam

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P. K. Saikia, MD, AIIDC

Contact No - 0361-2556864/9435015207



### STATE: ASSAM

Multi sector economic zone with integrated logistic hub

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Pre-feasibility study completed

### ANTICIPATED PROJECT TIMELINES

→ Nov-2017 to Oct- 2020

### APPROXIMATE PROJECT COST

→ INR 1580 Million (USD 24.30 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Equity: 30%, Debt: 70%

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Set up a multi sectoral economic zone where land and other infrastructure would be provided for undertaking manufacturing activities

LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Ratabari in Karimganj District

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

### Existing:

- → 40 Km from Karimganj town
- → 14 kms from NH 44
- → 40 kms from BG Railway station
- → 94 kms from Silchar Airport
- ightarrow Near Badarpur ghar river port & Karimganj river port

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

- ightarrow Water supply and Power supply is available
- → Educational Institution like School, Colleges are available at Karimganj. Silchar Medical College, NIT Silchar, Assam University, etc located at Silchar town which is about 70 Km from the proposed site.
- → There are two declared Land Custom Stations in Karimganj district ( Sutarkandi and Karimganj Steamer ghat). One Border Trade Centre with all facilities is located at Sutarkandi ( Indo- Bangladesh Border) which is about 14 km from Karimganj town.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

ightarrow Industries & Commerce Department, Government of Assam

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P. K. Saikia, MD, AIIDC, Contact No - 0361-2556864/9435015207

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ASSAM

Chemical hub

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Pre-feasibility study completed

### ANTICIPATED PROJECT TIMELINES

→ Nov-2017 to Oct- 2020

### APPROXIMATE PROJECT COST

→ INR 730 Million (USD 11.23 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Equity : 30% , Debt: 70%

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Set up a assorted Chemical Industrial Hub at Chandrapur, Guwahati.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

ightarrow Chandrapur, Kamrup (Metro) District

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → 20 kms from Guwahati
- → 10 kms from Thakurkuchi Railway station
- → 42 kms from Guwahati Airport
- → 31 kms from Pandu river port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water supply and Power supply is available
- → Education and Social infrastructure is available
- → Logistic infrastructure is available

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

ightarrow Industries & Commerce Department, Government of Assam

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P. K. Saikia, MD, AIIDC

Contact No - 0361-2556864/9435015207





### STATE: ASSAM

Pharmaceutical hub

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Pre-feasibility study completed

### ANTICIPATED PROJECT TIMELINES

→ Nov-2017 to Oct- 2020

### APPROXIMATE PROJECT COST

→ INR 1540 Million (USD 23.69 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Equity: 30%, Debt: 70%

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Set up a Pharmaceutical industrial hub for setting Pharmaceutical manufacturing industry units.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Lamgaon, Chaygaon in Kamrup (Rural) District

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

### Existing:

- → 470 kms from Guwahati
- → 10 kms from Boko Railway station
- → 50 kms from Guwahati Airport
- → 60 kms from Pandu river port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water supply and Power supply is available
- → Education and Social infrastructure is available
- $\rightarrow$  Logistic infrastructure is available

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Industries & Commerce Department, Government of Assam

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. P. K. Saikia, MD, AIIDC, Contact No - 0361-2556864/9435015207

# INVESTMENT OPPORTUNITIES IN MADHYA PRADESH

### STATE: MADHYA PRADESH

Industrial area mohasa babai

### MODE OF IMPLEMENTATION

→ M.P. Audyogik Kendra Vikas Nigam Bhopal Limited

### PROJECT STATUS

### **CURRENT STATUS**

→ RFP has been floated for construction of this Industrial Park

### ANTICIPATED PROJECT TIMELINES

- → The project timelines would be given by the contractor on assessing the scope of work required for the construction of the industrial park.
- → At the advanced stage of construction industries would be invited for setting up their manufacturing facilities.

### APPROXIMATE PROJECT COST

→ INR 2500 Million (USD 38.46 Million). (Industrial Park Construction Cost)

### MODE OF FUNDING & FUNDING AGENCY

→ External Infrastructure – AKVN; Internal infrastructure through PPP

### PROJECT DETAILS

### PROJECT CONTOURS

→ The project site can be reached by travelling 15 kms on SH22 from Hoshangabad towards Pachmarhi. The

industrial area is proposed for multi-product industrial

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Mohasa, district Indore

### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road Hoshangabad Pachmarhi (SH 22)
- → Rail Major Railway Station Hoshangabad
- → Airport Nearest Airport- Bhopal- 150 Km
- → Port Bhopal to JNPT Navi Mumbai 798 Km

### UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water: 5 MGD From Narmada River Under Construction
- → Power: Project Under Implementation
- → Logistics: Inland Container Depot at Mandideep - 90 Km

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ M. P. Audyogik Kendra Vikas Nigam Bhopal Limited Ist Floor, Tawa Complex, Bittan Market, E-5, Arera

Phone: 0755-2420278, 2420301-3 Fax No.: 0755-2420282

Colony, Bhopal, Madhya Pradesh 462021

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr.J.N.Vyas, Managing Director Mobile: +91-9425192511

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: MADHYA PRADESH

Gems & jewellery park, pithampur

### MODE OF IMPLEMENTATION

→ M. M. P. Audyogik Kendra Vikas Nigam Indore Limited

### PROJECT STATUS

### **CURRENT STATUS**

→ Construction of facilities and allied infrastructure is in advanced stages

### ANTICIPATED PROJECT TIMELINES

- → Construction end date (infrastructure projects): 01/04/2016
- → Commissioning date (manufacturing projects): 01/04/2020

### APPROXIMATE PROJECT COST

→ IINR 1650 Million (USD 35.38 Million) (Industrial Park Construction Cost)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP Mode

### PROJECT DETAILS PROJECT CONTOURS

→ The site of 118.020 Hectares.identified for the proposed Diamond Park in the village Rangwasa of Indore District is opposite IIM Indore campus on the main Rau-Pithampur Road.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Rangwasa, district Indore

### **CONNECTIVITY - EXISTING AND PROPOSED** INFRASTRUCTURE

- → Road: Situated on Rau- Pithampur road and well connected to NH3 Agra Mumbai road
- → Rail: Indore 20 Km
- → Airport: Indore 25 Km
- → Port: Indore to JNPT Navi Mumbai 608 Km

### UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water: 4MLD with a distribution network of 8 kms. ESR of 24 lakh liters and the entire system to have water metering and control systems
- → Power: 33 kva substation planned capacity, underground cabling and 600 street lights and 10 high masts lights
- → Logistics: Access to ports in Mumbai and Gujarat via proposed Multi Modal Logistic Hub at Tehi

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ M. P. Audyogik Kendra Vikas Nigam Indore Limited

No. 3/54, First Floor, Press Complex, Free Press House, Agra - Mumbai Raod, Indore, Madhya Pradesh 452014 Phone: 0731-4070976, 0731-2557363

Fax: (0731) 2572635

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ MMr. Kumar Purushotttam, Managing Director, Mobile: +91-9981120002







### PROJECTS READY FOR PROCUREMENT IN FY 2016-17 PROJECTS READY FOR PROCUREMENT IN FY 2016-17 STATE: MADHYA PRADESH **PROJECT DETAILS** CONTACT INFORMATION Country Specific Township, Pithampur (Japanese PROJECT CONTOURS IMPLEMENTING AGENCY Industrial Township & South East & Far East Asian → The site of 118.020 Hectares. identified for the → M. P. Audyogik Kendra Vikas Nigam Indore Nations Industrial Township) proposed Diamond Park in the village Rangwasa of Indore District is opposite IIM Indore campus MODE OF IMPLEMENTATION → No. 3/54, First Floor, Press Complex, Free Press House, Agra - Mumbai Raod, Indore, Madhya LOCATION - DISTRICT TALUKA, TOWN, VILLAGE → M. M. P. Audyogik Kendra Vikas Nigam Indore Pradesh 452014 → Rangwasa, district Indore Limited → Phone: 0731-4070976, 0731-2557363 Fax : (0731) **CONNECTIVITY - EXISTING AND PROPOSED** 2572635 **PROJECT STATUS** INFRASTRUCTURE KEY CONTACT PERSON(S) AND CONTACT DETAILS → Road - Situated on Rau- Pithampur road and well **CURRENT STATUS** connected to NH3 Agra Mumbai road → Mr. Kumar Purushotttam, Managing Director, → RFP for preparation of DPR for the project has Mobile: +91-9981120002 → Rail – Indore – 20 Km been floated → Airport – Indore – 25 Km ANTICIPATED PROJECT TIMELINES → Port - Indore to JNPT Navi Mumbai - 608 Km → The project timelines would be given by the UTILITY INFRASTRUCTURE - EXISTING AND contractor on assessing the scope of work required PROPOSED INFRASTRUCTURE for the construction of the industrial park. → Water - 4MLD with a distribution network of 8 → At the advanced stage of construction industries kms, ESR of 24 lakh liters and the entire system to would be invited for setting up their manufacturing have water metering and control systems facilities. → Power - 33 kva substation planned capacity, APPROXIMATE PROJECT COST underground cabling and 600 street lights and 10 high masts lights → INR 5730 Million(USD 88.15 Million (Industrial Park Construction Cost) → Logistics - Access to ports in Mumbai and Gujarat via proposed Multi Modal Logistic Hub MODE OF FUNDING & FUNDING AGENCY → Govt. AKVN Indore

### STATE: MADHYA PRADESH

Water supply scheme for 90 mld, indore

### MODE OF IMPLEMENTATION

→ M. M. P. Audyogik Kendra Vikas Nigam Indore Limited

### **PROJECT STATUS**

### **CURRENT STATUS**

 $\rightarrow$  Construction of water supply facility is supposed to initialise by 01/08/2016

### ANTICIPATED PROJECT TIMELINES

→ Construction start date: 01/08/2016

→ Commissioning end date: 01/08/2018

### APPROXIMATE PROJECT COST

→ INR 3065.5 Million (USD 47.16 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ GoMP (MPAKVN Indore) and DMIC Trust will form a 51:49 SPV, Government of Madhya Pradesh (MPAKVN Indore) and DMIC Trust will invest in the equity capital, DMIC Trust will provide a loan of INR 1935 Mn

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Proposed water supply scheme has been planned to cater the futuristic water demand of project area

which includes Industrial Area Pithampur, Investment Region, Sonvay - Bhaislay, Surrounding proposed Industrial Cluster's Area, Diamond Park and Municipal Area Pithampur, Betma, Urban Agglomeration near diamond park etc. from a perennial source (river Narmada).

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Narmada Kshipra link till 35 km for Pithampur industrial area

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water - Infrastructure for the water supply system for transmission of 90 MLD water from the Narmada

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ M. P. Audyogik Kendra Vikas Nigam Indore Limited No. 3/54, First Floor, Press Complex, Free Press House, Agra - Mumbai Raod, Indore, Madhya Pradesh 452014 Phone: 0731-4070976, 0731-2557363 Fax: (0731) 2572635

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Kumar Purushotttam, Managing Director, Mobile: +91-9981120002

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: MADHYA PRADESH

Vikram udyogpuri, ujjain

### MODE OF IMPLEMENTATION

→ M. P. Audyogik Kendra Vikas Nigam Ujjain Limited

### **PROJECT STATUS**

### **CURRENT STATUS**

ightarrow Construction activity for the project has started

### ANTICIPATED PROJECT TIMELINES

→ Construction Start Date: 01/11/2015

### APPROXIMATE PROJECT COST

→ INR 8080 Million (USD 124.30 Million (Industrial Park Construction Cost)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP Mode

### PROJECT DETAILS

### PROJECT CONTOURS

→ Vikram Udyogpuri is first project of its kind in MP with provision for educational, hospital, residential, industrial and others. The project will attract investment of approximately 11000 to 13000 crores, accommodating around 78000 employments, 16000 students to get benefit every year.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Narmar, district Ujjain

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road North of State Highway 18, on Dewas-Ujjain Road near Narwar.
- → Rail Ujjain 15 Km
- → Airport Indore 15 Km
- → Port Ujjain to JNPT Navi Mumbai 664 Km

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- $\rightarrow$  Water Kithodaraw dam on kshipra river, 11 km from site
- → Power 400 kv distance 2 km towards Narwar
- → Logistics Inland container depot available at a distance of 22 km at Dewas railway station

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ M. P. Audyogik Kendra Vikas Nigam Ujjain Limited

Nana Kheda Bus Stand Campus Indore Road, UJJAIN-456010 (M.P.)

Phone: 0734 - 2524980, 82 Fax No. : 0734 - 2524983

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Santosh Verma, Managing Director, Mobile: +91-9425361522

# INVESTMENT OPPORTUNITIES IN ODISHA

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ODISHA

Aluminium park, angul

### MODE OF IMPLEMENTATION

→ Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Project Start Date: 31/01/2016

### ANTICIPATED PROJECT TIMELINES

→ 31/12/2017

### APPROXIMATE PROJECT COST

→ Rs. 996 Million (USD 15.32 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The project is 223 acres of exclusive industrial park for downstream and ancillary industries in the aluminium sector. The project is a self-contained facility with committed feedstock of metal for the industries. The project is surrounded by industrially developed region and well- established presence of suppliers of raw materials, spares, buyers and other associated services.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Angul, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The project is situated just 4 km from a major national highway, NH-42, Rail: Railway siding abutting the development is present and the rail network connects to all the major ports and markets, Airport: The nearest international airport is situated 100 km away at Bhubaneswar, Ports: Paradip port is situated 174 km from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: The water requirement will be met through the perennial Brahmani River which flows near the site, Power: The Government of Odisha assures 24x7 availability of the required power via the National and State power grids.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Odisha Industrial Infrastructure Development Corporation

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

### STATE: ODISHA

Coal Railway Corridor, Talcher

### MODE OF IMPLEMENTATION

→ Government

### PROJECT STATUS

### **CURRENT STATUS**

→ Yet to commence

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Rs. 80000 Million(USD 1.23 Billion)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ To create a Coal Corridor which enables faster evacuation of coal from the area. Major investment opportunity lies in the construction of the railway corridor and its maintenance for the project.

LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Talcher, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### **CONTACT INFORMATION**

### IMPLEMENTING AGENCY

ightarrow Brahmani Railways Ltd.

IDCO Towers, Janpath, Bhubaneswar-22

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\boldsymbol{\rightarrow}$  Mr. BK Joshi, CEO, e-mail: csidcobbsr@gmail.com

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ODISHA

Electronics Manufacturing Cluster, Bhubaneswar

### MODE OF IMPLEMENTATION

→ Government/Private

### **PROJECT STATUS**

### **CURRENT STATUS**

 $\boldsymbol{\rightarrow}$  In-principal approval received from DEITY, Final DPR submitted

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Rs. 2050 Million (USD 31.53 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government/Private

### PROJECT DETAILS

### PROJECT CONTOURS

- → The project will be developed over 203 acres of land and will accommodate around 100 electronics products and components manufacturing units. The project is part of an integrated township with walk-to-work concept. An exclusive Special Incentive Package Scheme for ESDM sector of Odisha advantage is an added advantage for the investors.
- ightarrow Major opportunities include manufacturing

of Electronic Products, Electronic components, Semiconductor design and fabrication and Equipment manufacturing. INR 540 Cr investment already made in the cluster.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Harapur and Durgapur village, Khurda District, Bhubaneswar, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The project is situated just 3 km from National Highway 5, Rail: The project is situated on the outskirts of Bhubaneswar and is just 23 kms from Bhubaneswar station, Airport: The nearest international airport is at Bhubaneswar situated 22 km, Ports: Paradip port is situated 130 km from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Water and Power requirement to be met by Odisha Government.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

ightarrow Odisha Industrial Infrastructure Development Corporation

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

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### STATE: ODISHA

Infovalley, Bhubaneswar

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Under execution

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Rs. 18,0000 Million (USD 2.76 Billion)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ A state-of-the-art project with plug and play infrastructure for IT, ITes and ESDM industries. The master planning of the project has been completed. The project is already home to large IT companies such as Infosys, WIPRO etc.

Major opportunities are in development of the entire physical and social infrastructure for

'Infovalley' along with the government.

### LOCATION - DISTRICT TALUKA, TOWN. VILLAGE

→ Khurda District, Bhubaneswar, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The project is situated just 3 km from National Highway 5, Rail: The project is situated on the outskirts of Bhubaneswar and is just 23 kms from Bhubaneswar station, Airport: The nearest international airport is at Bhubaneswar situated 22 km, Ports: Paradip port is situated 130 km from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Water and Power requirement to be met by Odisha Government.

### **CONTACT INFORMATION**

### IMPLEMENTING AGENCY

→ Odisha Industrial Infrastructure Development Corporation

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ODISHA

Paradeep Plastic Park

### MODE OF IMPLEMENTATION

→ Private

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Construction start date: 01/02/2016

### ANTICIPATED PROJECT TIMELINES

→ 31/01/2017

### APPROXIMATE PROJECT COST

→ Rs. 1070 million (USD 16.46 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Private

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ To promote vertically integrated infrastructure for making value added products like woven sacks, plastic pipes, injection moulded components, films, pouches, packaging products and other consumer plastic products. The project site will also include supporting infrastructures such as training institutes, research facilities and testing centres.

The park is present within the PCPIR adjacent to the IOCL refinery. Major Opportunities include

investment in injection moulding, blow & roto moulding and extrusion moulding facilities.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

 $\boldsymbol{\rightarrow}$ Siju Village, Kujang Tehesil, Jagatsinghpur District, Bhubaneswar, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The park is only 2.5 km form NH-5A and 3 kms from SH-12, Rail: It is only 3 kms away from the Paradip Railway station, Airport: The nearest international airport is at Bhubaneswar situated 120 km, Ports: Paradip port is situated 10 km from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water commitment from Water Resources

Department and Power requirement application submitted with CESU.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

- → Paradip Plastic Park Ltd.
- → IDCO Towers, Janpath, Bhubaneswar 22

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

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### STATE: ODISHA

Sea Food Park At Deras

### MODE OF IMPLEMENTATION

→ Government

### PROJECT STATUS

### **CURRENT STATUS**

→ Construction start date: 01/04/2016

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  31/10/2017

### APPROXIMATE PROJECT COST

→ Rs. 1340 Million (USD 20.61 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The project is first-of-its-kind on the East coast of India exclusively focused on seafood and marine products. The cluster has a Central Processing Center (CPC) located within the park connected to seven Primary Processing Centers (PPC) for access to raw materials, 15 Pre-processing centers, each of 10 MT, Cold storages of 2,000 MT capacity, 100 MT of Block Ice manufacturing, Polythene Unit and Packaging Unit are part of the project. Investment opportunities

in the project exist in setting up Integrated Shrimp farming and processing, Pre-processing units, Packaged food, Raw processing, Hatcheries Freezing systems, Warehousing and cold storage

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

 $\boldsymbol{\rightarrow}$  Village Haripur and Haridamada, District Khurda, Bhubaneswar, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The park is only 15 km form NH-5, Rail: The park is 28 kms away from Bhubaneswar station, Airport: The nearest international airport is at Bhubaneswar situated 19 km, Ports: Paradip port is situated 140 km from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ 8MLD water agreement signed with Munduli PPP project and Power requirement application submitted with CESU.

## CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Odisha Industrial Infrastructure Development Corporation (IDCO), IDCO Towers, Janpath, Bhubaneswar – 22

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head.

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ODISHA

8 Road Projects Across Odisha

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Yet to start

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  NA

### APPROXIMATE PROJECT COST

→ Rs. 18,0000 Million (USD 2.76 Billion)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  Private

### PROJECT DETAILS

### **PROJECT CONTOURS**

- → This project is envisaged to develop multiple road packages across the State to better facilitate linkages and transport for the citizens and for industrial transport.
- → Major opportunities lie in the development of these various road projects, their maintenance, operation and toll collection.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Across Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

### **CONTACT INFORMATION**

### IMPLEMENTING AGENCY

→ PPP Cell, Works Department, Government of Odisha, Secretariat

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Subhra Ranjan Mishra Tel No. : (0674) - 2396946 (O) Fax No.: (0674) - 2396573 (O)

Email: secyppp@gmail.com



### STATE: ODISHA

Shamuka Special Tourism Area

### MODE OF IMPLEMENTATION

→ Government

### PROJECT STATUS

### **CURRENT STATUS**

→ Construction Start Date: 31/01/2016

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  31/01/2018

### APPROXIMATE PROJECT COST

→ Rs. 1,0000 Million (USD 153.84 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ This area is developed as a leisure-cum-business destination. It is earmarked as a Special Tourism Area and will contain 13 luxury hotels and resorts along with other common facilities to attract tourism. The project is envisaged as a one-stop destination for all your holiday needs. Major opportunities lie in development of the area and investments in hotels, resorts, convention centres, shopping malls and other adventure/sport activity parks.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Shamuka, District: Puri, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The project is connected to National Highway 203, Rail: The nearest railway station is present in the adjacent town of Puri, Airport: The nearest international airport is at Bhubaneswar situated 60 km, Ports: Paradip port is situated 129 km from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water and Power requirement to be met by Odisha Government

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

- → Odisha Tourism Development Corporation (OTDC)/
- ightarrow Odisha Industrial Infrastructure Development Corporation (IDCO)

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: ODISHA

Biotech Park, Bhubaneswar

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Under execution, Construction start date: 01/08/2015

### ANTICIPATED PROJECT TIMELINES

→ 30/08/2017

### APPROXIMATE PROJECT COST

→ Rs. 930 Million (USD 14.37 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP, Bharat Biotech

### PROJECT DETAILS

### PROJECT CONTOURS

- → The state of the art park is being developed in PPP mode to enable advancement of Biotechnology sector in the State.
- → The park is designed with common facilities such as testing centers and R&D labs to facilitate the industries in advanced manufacturing practices. → The park also contains Incubation Centers to enable budding entrepreneurs in developing their own biotech industry.

→ The major investment opportunities lie in setting up Biotechnology, Pharmaceuticals, generic drugs manufacturing and R&D units.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Khurda District, Bhubaneswar, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The project is situated just 3 km from National Highway 5, Rail: The project is situated on the outskirts of Bhubaneswar and is just 22 kms from Bhubaneswar station, Airport: The nearest international airport is at Bhubaneswar situated 10 km, Ports: Paradip port is situated 130 km from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water and Power requirement to be met by Odisha Covernment.

## CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Bharat Biotech, Genome Valley, Turkapally, Shameerpet, Telangana – 500078 / Odisha Industrial Infrastructure Development Corporation (IDCO), IDCO Tower, Janpath, Bhubaneswar – 22

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

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### STATE: ODISHA

National investment and manufacturing zone, kalinganagar

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ In-principle approval received. Draft master plan submitted

### ANTICIPATED PROJECT TIMELINES

→ Approx. 10 years from start of construction

### APPROXIMATE PROJECT COST

→ Rs. 6,5000 Million(USD 1 Bn)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### PROJECT DETAILS

### PROJECT CONTOURS

→ The investment zone with a combination of production units, public utilities, seamless connectivity to hinterland and ports, competitive power tariff coupled with a robust residential and social infrastructure provides a unique opportunity to set up manufacturing facilities catering to the booming markets on the East coast of India. The

project would be over 40,000 acres (160 Sq.km) of development with over 23,000 acres (86 Sq.km) of industrial area. Approx. INR 31000 Cr investment already committed.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ District: Jajpur, Town: Kalinganagar, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The project connects to National Highway 215, Rail: The zone is adjacent to the Jajpur-Keonjhar Road Railway Station, Airport: The nearest international airport is at Bhubaneswar situated 100 km, Ports: Paradip port is situated 127 km from the project site.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: Perennial river source available, Power requirement to be met by Odisha Government.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Odisha Industrial Infrastructure Development Corporation (IDCO), IDCO Tower, Janpath, Bhubaneswar – 22

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: ODISHA

Port based manufacturing zone, dhamra

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ In-principle approval accorded by Government of India

### ANTICIPATED PROJECT TIMELINES

→ Yet to be decided

### APPROXIMATE PROJECT COST

 $\rightarrow$  Rs. 5,0000 Million(USD 769.23 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP

### PROJECT DETAILS

### PROJECT CONTOURS

- → The zone is an integrated manufacturing zone comprising of industrial, commercial, residential and associated activities on a self-contained basis complemented with a logistics hub. The zone was designed to take advantage of its unique location on a deep sea port and act as a manufacturing hub with large export potential.
- → Major opportunities lie in the development of the zone and investments in manufacturing industries in

ancillary and downstream, auto components and other machineries.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Village: Dhamra, District: Bhadrak, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The project is 62 Km from National Highway 5, Rail: The port is connected by rail with the required railway siding, Airport: The nearest international airport is at Bhubaneswar situated 143 km, Ports: The zone is developed on one of the deepest sea ports in India.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water: A 100 MLD desalination plant is proposed to be built within the zone to cater to the requirement of 250 MLD, Power requirement to be met by Odisha Government.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Odisha Industrial Infrastructure Development Corporation (IDCO), IDCO Tower, Janpath, Bhubaneswar – 22

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in



### STATE: ODISHA

Bhadrak apparel park

### MODE OF IMPLEMENTATION

→ Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Master Planning and DPR Preparation completed

### ANTICIPATED PROJECT TIMELINES

→ Yet to be decided

### APPROXIMATE PROJECT COST

→ Rs. 740 Million(USD 11.38 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ To be developed under the SITP (Scheme for Integrated Textile park) whose objective is to provide world-class infrastructure facilities to the industry in order to support production of textiles on modern machinery. The project will be developed over 100 acres of land and industrial plots will be developed to accommodate around 45 apparel manufacturing industries.

Major opportunities are in Ready Made Garments (RMG), Textile production and Technical Textiles.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Village: Dhamnagar, District: Bhadrak, Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road: The project is situated adjacent to the National Highway 5, Rail: The nearest railway station is situated 18 kms away at Bhadrak town, Airport: The nearest international airport is at Bhubaneswar situated 140 km, Ports: The project is situated 150 kms from Paradip port and 60 kms from the proposed Dhamra Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water and Power requirement to be met by Odisha Government.

# CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Odisha Industrial Infrastructure Development Corporation (IDCO), IDCO Tower, Janpath, Bhubaneswar – 22

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: ODISHA

Rice technology park, bhadrak

### MODE OF IMPLEMENTATION

→ Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Master Planning and DPR Preparation completed

### ANTICIPATED PROJECT TIMELINES

→ Yet to be decided

### APPROXIMATE PROJECT COST

→ Rs. 1070 Million(USD 16.46 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Project will be developed over 134.65 acres of

land and will accommodate around 31 industrial

units along with provisions for basic enabling

infrastructure, essential utilities and appropriate

related to paddy and rice will be located in this

one facility like rice flour, rice raya, rice bran oil,

noodles, rice-based alcohol, animal and poultry fee,

paddy husk used for power generation, brick making

common facilities. . All primary and tertiary units

→ Government

PROJECT DETAILS

PROJECT CONTOURS

### **CONTACT INFORMATION**

### IMPLEMENTING AGENCY

→ Odisha Industrial Infrastructure Development Corporation (IDCO), IDCO Tower, Janpath, Bhubaneswar – 22

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Saswat Pattnaik, Head,

Project Management Unit, Tel: 0674-2542869, Fax: 0674-2542956, Email: pmu@idco.in

# **LOCATION - DISTRICT TALUKA, TOWN, VILLAGE**→ Village: Dhamnagar, District: Bhadrak, Odisha

CONNECTIVITY - EXISTING AND PROPOSED

etc. along with other rice based food processing

to minimize losses.

INFRASTRUCTURE

industry. Benefits: Envisaged integration of value chain

→ Road: The project is situated adjacent to the National Highway 5, Rail: The nearest railway station is situated 18 kms away at Bhadrak town, Airport: The nearest international airport is at Bhubaneswar situated 140 km, Ports: The project is situated 150 kms from Paradip port and 60 kms from the proposed Dhamra Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

ightarrow Water and Power requirement to be met by Odisha Government.

### STATE: ODISHA

35 Road Projects Across Odisha

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### PROJECT STATUS

### **CURRENT STATUS**

→ Feasibility report preparation tender has been floated

### ANTICIPATED PROJECT TIMELINES

→ Yet to be decided

### APPROXIMATE PROJECT COST

→ Rs. 18,0000 Million (USD 2.76 Billion)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

roads, maintenance and repair.

### PROJECT CONTOURS

→ The project is designed to develop a large number of roads across 10 districts of Odisha. These roads will connect the industrial belts with the market increasing their accessibility and their profitability. 1259 kms of road to be developed across the state. Major opportunities are in the development of the

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Across Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

→ PPP Cell, Works Department, Government of Odisha, Secretariat

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Subhra Ranjan Mishra
Tel No.: (0674) - 2396946 (O)
Fax No.: (0674) - 2396573 (O)
Email : secyppp@gmail.com

# INVESTMENT OPPORTUNITIES IN GUJARAT

### STATE: GUJARAT

250 MW Solar Power Projects

### MODE OF IMPLEMENTATION

→ PPP Project

### PROJECT STATUS

### **CURRENT STATUS**

 $\rightarrow$  Construction is expected to begin by 01/06/2016

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: 01/06/2016
- → Construction End Date: 01/07/2016

### APPROXIMATE PROJECT COST

→ INR 15000 Million (USD 230.76 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP Project

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Gujarat Solar park is fully operated solar park in India .Presently installed capacity in solar park is 350MW .Another 250mw solar projects is to set up under JNNSM –Phase-II Bach III Scheme .

The tendering process is about to complete .All infrastructure like Approach road, Internal Road, Water, Electricity etc. is available

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Village Charanka District: Patan, Gujarat

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: Approach road and internal roads are already in place and ready for use
- → Rail: Nearest Railway Station is at Santalpur
- → Airport: Ahemdabad Airport

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ All the utilities for the project are available

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Gujarat Power Corporation Ltd.

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Managing Director (GPCL) (Office) 079-23251254

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

### STATE: GUJARAT

700 MW RADHANESDA ULTRA MEGA SOLAR PARK

### MODE OF IMPLEMENTATION

→ PPP Project

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Land acquisition for the project has been completed

### ANTICIPATED PROJECT TIMELINES

→ The project is awaiting financial closure. The construction activity would be completed 24 months after financial closure

### APPROXIMATE PROJECT COST

 $\rightarrow$  INR 42000 Million (USD 646.15 Million) Approx

### MODE OF FUNDING & FUNDING AGENCY

→ PPP Project

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ This project will generate 100 % renewable energy through Solar Generation. Being in, High radiation zone, there will be substantial output from

this Solar Power Park

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Banaskantha, Vav, Radhanesda

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- $\boldsymbol{\rightarrow}$  Road: Existing road is at a distance of 15 kms from National Highway
- → Rail: Nearest Broad Gauge Railway Station is at a distance of 75 kms.
- → Airport: Ahemdabad Airport at a distance of 250 kms.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

- → Water: 1.5 MLD of water would be made available through SSNL canal
- → Power: Existing 66 KV Sub-station would be utilised

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Gujarat Power Corporation Limited Block No. 6 & 8, 6th Floor, Udyog Bhavan, Sector-11, Gandhinagar

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Chairman and Managing Director Chief Project Officer

Phone: 079-23251255-60 Fax: 079-232-51254 Email: gpclprojects@gmail.com





# INVESTMENT OPPORTUNITIES IN HARYANA

### STATE: HARYANA

Kundli-Manesar-Palwal Expressway

### MODE OF IMPLEMENTATION

→ PPP Project

### PROJECT STATUS

### **CURRENT STATUS**

→ RFP has been floated for construction of various phase of this Corridor

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  Construction is expected to start on 03/03/2016 and is expected to finish by 31/08/2018.

### APPROXIMATE PROJECT COST

→ INR 18630 Million(USD 286.61 Million. (Corridor Construction Cost)

### MODE OF FUNDING & FUNDING AGENCY

→ Govt. of India, Govt. of Haryana, HUDA and PPP implementation models

### PROJECT DETAILS

### PROJECT CONTOURS

- → It's a proposed 136 km long 6 lane expressway passing through 5 districts and is to be developed as a major Industrial Corridor
- → The completion of this project would not only

provide high speed link to Northern Haryana with its Southern Districts like Gurgaon, Faridabad and Palwal

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Covering southern and central Haryana

### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → 135.6 km (84.3 mi) long Expressway
- → Road: Five Flyovers are being constructed at places where the expressway crosses national highways, namely, NH 1 at Kundli (Sonepat) where it starts just north of Delhi, NH 10 just northwest of Bahadurgarh Ihajjar, NH 8 south of Manesar, NH 71B southwest of Sohna and NH 2 south of Palwal.
- → Airport: The nearest major airport is New Delhi International Airport

### UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Essel Infraprojects Ltd., 513/A, 5th Floor, Kohinoor City, Kirol Road, LBS Marg, Kurla(W), Mumbai-400070

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Kedar Bhagwat, +91-8879655319, kedar.bhagwat@ infra.esselgroup.com

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: HARYANA

IMT Faridabad

### MODE OF IMPLEMENTATION

→ Implementation by HSIIDC (Haryana State Industrial and Infrastructure Development Corporation

### PROJECT STATUS

### **CURRENT STATUS**

→ Industrial park has been constructed

### ANTICIPATED PROJECT TIMELINES

→ The project has been completed and is ready for manufacturing organizations for setting up their facility. Around 410 Industrial plots are ready for allotment.

### APPROXIMATE PROJECT COST

→ INR 35000 Million (USD 538.46 Million (Industrial Park Construction Cost)

### MODE OF FUNDING & FUNDING AGENCY

→ HSIIDC

### PROJECT DETAILS

### PROJECT CONTOURS

- → IMT Faridabad covers nearly 1,800 acres of land and comprises of 820 plots
- $\rightarrow$  It gives immense opportunities for over 5,000 micro and small scale industries are operating in the unorganised areas

- → It provides industrial space to increase productivity
- → Industrial, Commercial, Housing and Institutional

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Faridabad

### CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road: 100 meters wide eastern peripheral expressway along with 100 meter green belt on both
- → Airport: The nearest major airport is New Delhi International Airport
- → Port:: The nearest port project is JNPT in Mumbai and Kandla in Gujarat
- → Railway: The nearest railway station is Faridabad railway station and major railway station in New Delhi Railway Station

### UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ HSIIDC (Haryana State Industrial and Infrastructure Development Corporation)

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ RS Khan ,Estate manager,

HSIIDC, Sector-6 Panchkula







### STATE: HARYANA

Global City Gurgaon

### MODE OF IMPLEMENTATION

→ Government Spending + PPP structure

### **PROJECT STATUS**

### **CURRENT STATUS**

 $\rightarrow$  Construction is expected to begin at the mentioned date

### ANTICIPATED PROJECT TIMELINES

→ Construction Start Date: 01/04/2016 Construction End Date: 01/04/2018.

### APPROXIMATE PROJECT COST

 $\rightarrow$  INR 97,500 Million(US\$ 1.5 Billion).

### MODE OF FUNDING & FUNDING AGENCY

→ Govt. of Haryana

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The Global City will be designed by integrating smart community concepts ranging from water supply and power to integration of IT services in managing various utilities of the area. The project components would include festive and leisure (components),

including an exhibition and convention center, high value innovation and knowledge industries, central business district and township etc

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Gurgaon

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Airport: New Delhi International Airport
- → Port:: The nearest port project is JNPT in Mumbai and Kandla in Gujarat
- → Railway: Gurgaon Railway Station

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  All the utilities are laid out prior to the project.

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ HSIIC

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Manoj Pal, HSIIDC Sector 6, Panchkula

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: HARYANA

Aviation Hub at Hisar

### MODE OF IMPLEMENTATION

→ Government + PPP

### PROJECT STATUS

### **CURRENT STATUS**

→ Construction is expected to begin at the mentioned date

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: 01/04/2016
- → Construction End Date: NA

### APPROXIMATE PROJECT COST

→ INR 50000 Million(USD 769.23 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Govt. of Haryana + Private (PPP)

### PROJECT DETAILS

### PROJECT CONTOURS

 $\boldsymbol{\rightarrow}$  The existing airstrip at Hisar to be developed as an Aviation Hub

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

 $\rightarrow$  Hisar

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ All the key infrastructure is in place.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  All the utilities are laid out prior to the project.

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ HSIIC

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Manoj Pal, HSIIDC Sector 6, Panchkula



### STATE: HARYANA

Industrial Model Township- Panipat

### MODE OF IMPLEMENTATION

→ Government Spending + PPP structure

### PROJECT STATUS

### **CURRENT STATUS**

→ Construction is completed and the IMT is ready for Investors to set-up manufacturing facilities

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: 22/12/2010
- → Construction End Date: 31/03/2014

### APPROXIMATE PROJECT COST

→ INR 9180 Million (USD 141.23 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Govt. of Haryana + Private (PPP)

### **PROJECT DETAILS**

### PROJECT CONTOURS

 $\rightarrow$  NA

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Panipat

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Airport: New Delhi International Airport
- $\rightarrow$  Port:: The nearest port project is JNPT in Mumbai and Kandla in Gujarat
- → Railway: Panipat Railway Station

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ All the utilities are laid out prior to the project.

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ HSIIC, Sector '6' Panchkula

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Rajbir Singh, HSIIDC Industrial Estate, Refinery Road, Panipat.-9991220009

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: HARYANA

Industrial Model Township- Bawal

### MODE OF IMPLEMENTATION

→ Government Spending + PPP structure

### PROJECT STATUS

### **CURRENT STATUS**

→ Construction is currently being undertaken and would be ready of setting up manufacturing facilities at the mentioned time

### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: 30/01/2010
- → Construction End Date: 30/06/2016

### APPROXIMATE PROJECT COST

→ INR 10650 Million(USD 163.84 Million

### MODE OF FUNDING & FUNDING AGENCY

→ Govt. of Haryana + Private (PPP)

### **PROJECT DETAILS**

### PROJECT CONTOURS

 $\rightarrow$  NA

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Bawal

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Airport: New Delhi International Airport
- → Port:: The nearest port project is JNPT in Mumbai and Kandla in Gujarat
- → Railway: Guraon Railway Station

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

→ All the utilities are laid out prior to the project.

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ HSIIC, Bawal

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Raghav, AGM (Bawal)





# INVESTMENT OPPORTUNITIES IN CHHATTISGARH

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: CHHATTISGARH

Development of Two Lane Roads

### MODE OF IMPLEMENTATION

→ PPP (Annuity/Hybrid Annuity)

### **PROJECT STATUS**

### **CURRENT STATUS**

→ DPR preparation is under Progress. After finalization of DPR, and completion of Bid process management, construction of the projects will be carried out.

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Expected to be completed in the year 2018

### APPROXIMATE PROJECT COST

→ Rs 87849.6 Million (USD 1.35 BILLION)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### PROJECT DETAILS

### PROJECT CONTOURS

→ Chhattisgarh Road Development Corporation Limited (CGRDC) is engaged in the development of State Highways/ MDR and as part of this endeavour, CGRDC intends to Develop approximately 1859.25 Kms of Roads in the state of Chhattisgarh.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Various districts of Chhattisgarh

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Inter State roads connecting to Madhya Pradesh, Odisha, Jharkhand, Maharashtra and Uttar Pradesh.
- → Mumbai Howarh Railway Line, Bilaspur Bhopal Railway Line, Raipur – Odisha Railway Line
- → Raipur, Bhilai, Korba, Raigarh and Kodatarai

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Korba Power Plant, Tamnar Power Plant

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Chhattisgarh Road Development Corporation

Ltd., 3rd Floor Sirpur Bhawan Campus,

Behind Akashwani, Civil Lines, Raipur, Chhattisgarh. India

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

ightarrow Dr. Rohit Yadav , Managing Director

Tel No: 0771 – 4043395, G.S.Solanki

General Manager

**E** 19

### STATE: CHHATTISGARH

Eastern West Rail Corridor

### MODE OF IMPLEMENTATION

→ SPV Mode

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Expected to start in March 2016

### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in the year 2018-19

### APPROXIMATE PROJECT COST

→ Rs 50007.1 Million (USD 769.34 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ SPV mode

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ The Corridor will facilitate movement of about 60 MT of coal from the region to various parts of the Country apart from providing train facility to the local populace of the region helping in the overall development of the region presently not connected with rail.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Korba District and Bilaspur District.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Railway – 135.30 km proposed

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### **CONTACT INFORMATION**

### **IMPLEMENTING AGENCY**

→ Chhattisgarh East-West Railway Limited, CSIDC Commercial Complex, Mahadev Ghat Road, Raipura Chowk, Raipur, Chhattisgarh- 492013

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. Rajesh Khare, COO, CEWRL

+91-771-2970338, 9826003182

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: CHHATTISGARH

Tribal Tourism Circuit

### MODE OF IMPLEMENTATION

→ Grant, Ministry of Tourism

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Expected to start in March 2016

### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in the year 2019

### APPROXIMATE PROJECT COST

→ Rs 1000 Million(USD 15.38 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Grant, Ministry of Tourism

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Tribal tourism circuit will provide an opportunity to tourists to witness and experience tribal culture and traditions. Proposed circuit is covers some of the most beautiful areas in Chhattisgarh.

Component under tribal circuit are as follows: Ethnic tourist village- 3, Ethnic tourist development destination - 2, Destination development - 3, Way side amenities - 4

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Bastar, Ambikapur, Jashpur, Kondagaon

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Chhattisgarh Tourism Board, Udyog Bhavan, Telibandha, Raipur

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Managing Director

CHHATTISGARH TOURISM BOARD

2nd Floor, Udyog Bhavan,

Ring Road No.1, Telibandha,

RAIPUR - 492 006 (C.G.)

Phone: +91 771 4224600

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### STATE: CHHATTISGARH

Multi Model Logistics Park

### MODE OF IMPLEMENTATION

→ Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Expected to start in December 2016

### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Expected to be completed in the year 2018

### APPROXIMATE PROJECT COST

→ Rs 1000 Million (USD 15.38 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ World class multi-model Logistic Hub proposed in Naya Raipur. Maximum use of Information Technology will also be ensured in the Hub. Besides the facilities of bulk rail cargo and container cargo through road transport, huge 4 warehouses will also be made available here for storage of materials of the Chhattisgarh exporters. The transport complex will

be developed as a green project as per the norms and rules of NRDA

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Naya Raipur, Chhattisgarh, Area 40 hectare

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Excellent connectivity to NH 6 (Mumbai-Howrah)- 10 km
- → Railway Propsoed 1 km away
- → Airport Swami Vivekanand airport 5 km away

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ NRDA, Naya Raipur Development Authority, Utility Block, near Capitol Complex-492101

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Mr. U. S. Agarwal

Manager Project & Estate

+91-9575762000

Ceo@nayaraipur.com

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: CHHATTISGARH

Development, Operation and Maintenance of Dharamjaigarh - Kharsiya road

### MODE OF IMPLEMENTATION

→ PPP (DBFOT)

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Expected to start in November 2016

### **ANTICIPATED PROJECT TIMELINES**

→ Expected to be completed in the year 2018

### APPROXIMATE PROJECT COST

→ Rs 1821.5 Million (USD 28.02 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ TChhattisgarh Road Development Corporation
Limited is engaged in the development of State
Highways / MDR and as part of this endeavor, CGRDC
decided to undertake the development, operation &
maintenance of the Dharamjaigarh - Kharsiya Road
from Km 0.000 to Km 57.565 through Public Private
Partnership (the "PPP") on Design Build, Finance,
Operate and Transfer (the "DBFOT") Toll basis.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ The project is located in Dharamjaigarh - Kharsiya section from Km 0.000 to Km 57.565 in the State of Chhattisgarh passing through important towns Dharamjaigarh, Kharsiya (District Raigarh) and connecting to Jharkhand, Bihar and Odisha.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Connects NH-43 and NH-49
- → Railway Kharsiya ( Mumbai–Howrah Railway Line)
- → Airport Kodatarai Air strip (Government), Raigarh (Private)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Korba Power Project

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Chhattisgarh Road Development Corporation

Ltd., 3rd Floor Sirpur Bhawan Campus, Behind Akashwani, Civil Lines, Raipur, Chhattisgarh. India

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr. Rohit Yadav , Managing Director

Tel No: 0771 – 4043395 , G.S.Solanki

General Manager

Mob: +91 9425207316





### STATE: CHHATTISGARH

Development, Operation and Maintenance of Punjipatara - Tamnar - Lailunga Road

### MODE OF IMPLEMENTATION

→ PPP (DBFOT)

### PROJECT STATUS

### **CURRENT STATUS**

→ Expected to start in November 2016

### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in the year 2018

### APPROXIMATE PROJECT COST

→ Rs 1535.6 Million ( USD 23.62 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### PROJECT DETAILS

### PROJECT CONTOURS

→ Chhattisgarh Road Development Corporation Limited is engaged in thedevelopment of State Highways / MDR and as part of this endeavor, CGRDCdecided to undertake the development, operation & maintenance of thePunjipatara - Tamnar - Lailunga Road from existing chainage Km 0.000 toKm 52.994 through Public Private Partnership (the "PPP") on Design Build,Finance, Operate and Transfer (the "DBFOT") Toll basis.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ The project is located in Punjipatara - Tamnar – Lailunga section from existing chainage Km 0.000 to Km 52.994 in the State of Chhattisgarh passing through important towns of Punjipatara, Tamnar& Lailunga (District Raigarh) and connecting to Jharkhand and Odisha.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Connects NH-43
- → Railway: Raigarh ( Mumbai Howrah Railway Line)
- → Airport: Kodatarai Air strip (Government), Raigarh (Private)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Korba Power Project

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

- → Chhattisgarh Road Development Corporation Ltd., 3rd Floor Sirpur Bhawan Campus,
- → Behind Akashwani, Civil Lines, Raipur, Chhattisgarh. India

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

- → Dr. Rohit Yadav , Managing Director Tel No: 0771 4043395
- → G.S.Solanki, General Manager Mob: +91 9425207316

# **PROJECTS READY FOR PROCUREMENT IN FY 2016-17**

### STATE: CHHATTISGARH

Development, Operation and Maintenance of Seepat - Baloda -Urga Roadfrom

### MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Expected to start in November 2016

### **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  Expected to be completed in the year 2018

### APPROXIMATE PROJECT COST

→ Rs 1219.9 Million (USD 18.76 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Chhattisgarh Road Development Corporation
Limited is engaged in the development of State Highways
/ MDR and as part of this endeavor, CGRDC decided to
undertake the development, operation & maintenance of
the Seepat – Baloda – Urga Road from existing chainage
Km 13.900 to Km 54.700 through Public Private
Partnership (the "PPP") on Design Build, Finance,
Operate and Transfer (the "DBFOT") Toll basis.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ The Project is located in Seepat – Baloda–Urga section from existing Chainage Km 13.900 to Km 54.700 in the State of Chhattisgarh passing throughimportant towns of Seepat (District Bilaspur), Baloda (District Janjgir –Champa and Urga (District Korba). The Project Connects to Korba Power Plant.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Connects: NH-49 and NH-149 B
- → Railway: Bilaspur (Mumbai-Howrah Railway Line)
- → Airport: Korba and Bilaspur Air strip (Government)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Seepat Power Project

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

ightarrow Chhattisgarh Road Development Corporation

Ltd., 3rd Floor Sirpur Bhawan Campus,

Behind Akashwani, Civil Lines, Raipur, Chhattisgarh. India

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr. Rohit Yadav, Managing Director

Tel No: 0771 4043395

→ G.S.Solanki, General Manager

Mob: +91 9425207316





### STATE: CHHATTISGARH

Development, Operation and Maintenance of Raigarh-Punjipatara Gharghoda-Patthalgaon road section

### MODE OF IMPLEMENTATION

→ PPP (DBFOT)

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Expected to start in November 2016

### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in the year 2018

### APPROXIMATE PROJECT COST

→ Rs 4808.1 Million (USD 73.97 Million)

### MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Chhattisgarh Road Development Corporation
Limited is engaged in thedevelopment of State Highways
/ MDR and as part of this endeavor, CGRDC decided to
undertake the development, operation & maintenance
of the Raigarh - Punjipatara - Gharghoda - Patthalgaon
Road section of SH-1 AB from existing Chainage Km
84.250 at Patthalgaon to Km 194.431 at Raigarhthrough
Public Private Partnership (the "PPP") on Design Build,

Finance, Operate and Transfer (the "DBFOT") Toll basis

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Raigarh – Patthalgaon section of SH- 1AB from Km194.431 to Km 84.250 in the State of Chhattisgarh passing through importanttowns Raigarh, Punjipatara, Dharamjaigarh, Gharghoda (District Raigarh) and Patthalgaon (District Jashpur) and connecting to Jharkhand, Bihar and Odisha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Connects NH-43, NH-49 and NH-153
- → Railway: Raigarh ( Mumbai Howrah Railway Line)
- → Airport: Kodatarai Air strip (Government), Raigarh (Private)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Tamnar Power Project

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Chhattisgarh Road Development Corporation Ltd., 3rd Floor Sirpur Bhawan Campus, Behind Akashwani, Civil Lines, Raipur, Chhattisgarh. India

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr. Rohit Yadav, Managing Director Tel No: 0771 – 4043395

G.S.Solanki, General Manager Mob: +91 9425207316

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

### STATE: CHHATTISGARH

Development, Operation and Maintenance of Urga Hati road

### MODE OF IMPLEMENTATION

→ PPP (DBFOT)

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Expected to start in November 2016

### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in the year 2018

### APPROXIMATE PROJECT COST

→ Rs 1330.6 Million (USD 20.47 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ PPP

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Chhattisgarh Road Development Corporation Limited is engaged in thedevelopment of State Highways / MDR and as part of this endeavor, CGRDCdecided to undertake the development, operation & maintenance of the Urga–Hati Road from existing chainage Km 3.224 to Km 49.932 through PublicPrivate Partnership (the "PPP") on Design Build, Finance, Operate and Transfer (the "DBFOT") Toll basis.

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ The project is located in Urga–Hati section from existing chainage Km 3.224 to Km 49.932 in the State of Chhattisgarh passing through important towns of Urga (District Korba), Hati (District Raigarh).

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Connects NH-49 and NH-149 B

Railway: Champa & Korba (Champa - Korba Railway Line)

Airport: Korba and Bilaspur Air strip (Government)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Seepat Power Project

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Chhattisgarh Road Development Corporation Ltd., 3rd Floor Sirpur Bhawan Campus, Behind Akashwani, Civil Lines, Raipur, Chhattisgarh. India

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Dr. Rohit Yadav, Managing Director Tel No: 0771 – 4043395

G.S.Solanki, General Manager

Mob: +91 9425207316



### STATE: CHHATTISGARH

Industrial infrastructure up gradation scheme

### MODE OF IMPLEMENTATION

→ SPV Mode

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Expected to start in mid 2016

### ANTICIPATED PROJECT TIMELINES

→ Expected to be completed in mid 2019

### APPROXIMATE PROJECT COST

→ Rs 1000 Million (USD 15.38 Million)

### MODE OF FUNDING & FUNDING AGENCY

→ Government & private

### PROJECT DETAILS

### **PROJECT CONTOURS**

→ Plastic park in Rajnandgaon will be set up under Plastic Park scheme of Government of India. This park will provide world class infrastructure to plastic industry.

### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ Village- Khairjhiti, Dist- Rajnandgaon,

Area – 100 acre

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Road Excellent connectivity to NH 6 10 km
- → Railway Mumabi-Howrah rail line (10 km away)
- → Airport Swami Vivekanand Airport, 88 km away
- → Seaport Vishakhapatnam (600km)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ ICD in Raipur

### CONTACT INFORMATION

### **IMPLEMENTING AGENCY**

→ Chhattisgarh State Industrial Development corporation (CSIDC), Udyog Bhawan, Telibandha, Raipur, Chhattisgarh- 492006

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

- → Mr. Sunil Mishra, MD, CSIDC
- +91-771-2583793

Csidc.cg@nic.in, Invest-chhattisgarh@gov.in

# INVESTMENT OPPORTUNITIES IN MAHARASHTRA



### STATE: MAHARASHTRA

Implementation of Metro Line - 2A Dahisar - D.N. Nagar Metro Corridor

### MODE OF IMPLEMENTATION

→ Government

### **PROJECT STATUS**

### **CURRENT STATUS**

→ Ready for investment

### **ANTICIPATED PROJECT TIMELINES**

- → Construction Start Date: March, 2016
- $\rightarrow$  Construction End Date: March, 2019 (Incl. 1 year for approvals from CRS)

### APPROXIMATE PROJECT COST

→ Rs. 6,4100 Mn. (USD 0.98 Bn)

(Completion Cost Incl. All Taxes, IDC etc.)

### MODE OF FUNDING & FUNDING AGENCY

→ MMRDA /Government and Loan Assistance from Multilateral Funding agencies (ADB)

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ This corridor is part of Dahisar-Charkop-Bandra-Mankhurd Metro Corridor (42 km) and one of the Mumbai Metro Master Plan recommended metro corridors. Metro Line-2A Dahisar- D.N. Nagar elevated metro corridor has total length 18.6 km and having18 elevated stations.

Benefits of the Projects

- → Integration facility at:
- → D.N. Nagar (Metro Line 1)
- → Dahisar (E) (Metro Line -7A)
- → Travel time saving by 40-55 mins.
- → Reduce the vehicular traffic on roads and reduce number of accidents Improve travel speed
- → Reduce noise / air pollution.

Reduce excessive overcrowding on existing suburban system and supplement the system

- → Make Public Transport more attractive for commuters and discourage them from use of private vehicles.
- → Increase business opportunities & Mobility

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Municipal Corporation of Greater Mumbai (MCGM) area, Western Suburbs.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road

This corridor runs on Link road connecting Dahisar (E) and western suburbs. And further connects Arterials Roads of areas D.N. Nagar, Malad, Charkop, Kandivali, LIC colony and Dahisar.

→ Rail Connectivity to the Site:

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

This corridor connects existing Metro Line 1:Varsova-Andheri-Ghatkopar corridor at D.N. Nagar and proposed Metro line 7A at Dahisar (E).

→ Airport Connectivity:

The Mumbai Airport is about 5 km away from this metro corridor

→ Port Connectivity:

N.A.

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Water

The existing water lines along/across the metro corridor will be shifted/diverted accordingly, if needed

 $\rightarrow$  Power

The existing Power Cable along/across the metro corridor will be shifted/diverted accordingly, if needed

 $\rightarrow$  Gas

The existing Gas lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Logistics

All related logistics to be provided by the contractors

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Mumbai Metropolitan Region Development Authority

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. P.R.K. Murthy

Director (Projects)-Metro/Chief, Transport and Communications Division,

Mumbai Metropolitan Region Development Authority,

Bandra Kurla Complex, Bandra (E), Mumbai 400051 Telephone No. 91(22)2659 4107





### STATE: MAHARASHTRA

Implementation of Metro Line - 7 Andheri (E) -Dahisar (E) Metro Corridor

### MODE OF IMPLEMENTATION

→ Government

### PROJECT STATUS

### **CURRENT STATUS**

→ Ready for investment

### **ANTICIPATED PROJECT TIMELINES**

- → Construction Start Date: March, 2016
- → Construction End Date: March, 2019 (Incl. 1 year for approvals from CRS)

### APPROXIMATE PROJECT COST

→ Rs. 6,2080 Million (USD 0.95 Bn)

(Completion Cost Incl. All Taxes, IDC etc.)

### MODE OF FUNDING & FUNDING AGENCY

→ MMRDA /Government and Loan Assistance from Multilateral Funding agencies (ADB)

### **PROJECT DETAILS**

### PROJECT CONTOURS

→ Andheri (E) - Dahisar (E) elevated metro corridor having total length 16.5 km with 16 elevated

stations. This corridor is one of the Mumbai Metro Master Plan recommended corridors

Benefits of the Projects

- → Integration facility at:
- → Western Express Highway Station (Metro Line 1)
- → JVLR Jn. (JVLR SEEPZ Kanjurmarg proposed)
- → Dahisar (Metro Line -2A)
- $\rightarrow$  Travel time saving by 30-45 mins.
- → Reduce the vehicular traffic on roads and reduce number of accidents
- → Improve travel speed
- → Reduce noise / air pollution.
- → Reduce excessive overcrowding on existing suburban system and supplement the system
- → Make Public Transport more attractive for commuters and discourage them from use of private vehicles.
- → Increase business opportunities & Mobility

### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Municipal Corporation of Greater Mumbai (MCGM) area, Western Suburbs.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Road

This corridor runs along Western Express Highway and connecting Arterials Roads of areas Andheri, Shankarwadi, Vishveshwar nagar, Kurar village, Borivali and Dahisar.

# **PROJECTS READY FOR PROCUREMENT IN FY 2016-17**

→ Rail Connectivity to the Site:

This corridor connects western suburbs through suburban rail with integration to existing Metro Line 1:Varsova-Andheri-Ghatkopar and proposed JVLR-SEEPZ-Kanjurmarge Metro Corridor.

→ Airport Connectivity:

The Mumbai Airport is about 3 km away from this metro corridor

→ Port Connectivity:

N.A.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water

The existing water lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Power

The existing Power Cable along/across the metro corridor will be shifted/diverted accordingly, if needed

 $\rightarrow$  Gas

The existing Gas lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Logistics

All related logistics to be provided by the contractors

### CONTACT INFORMATION

### IMPLEMENTING AGENCY

→ Mumbai Metropolitan Region Development Authority

### KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. P.R.K. Murthy

Director (Projects)-Metro/Chief, Transport and Communications Division,

Mumbai Metropolitan Region Development Authority,

Bandra Kurla Complex, Bandra (E), Mumbai 400051 Telephone No. 91(22)2659 4107





## STATE: MAHARASHTRA

Construction of Mumbai Trans Harbour Link (MTHL) Project

## MODE OF IMPLEMENTATION

→ Government (EPC – Design Build)

## **PROJECT STATUS**

## **CURRENT STATUS**

→ Ready for investment

#### ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: January, 2017
- → Construction End Date: June, 2021

## APPROXIMATE PROJECT COST

- → INR 17,8430 Million (USD 2.74 Bn)
- → (Completion cost including all Taxes, IDC etc.) as of Jan 2016.

## MODE OF FUNDING & FUNDING AGENCY

→ MMRDA/Government and upto 85% Official Development Assistance (ODA) Loan from JICA

# **PROJECT DETAILS**

#### PROJECT CONTOURS

→ The proposed Mumbai Trans Harbour Link ('MTHL') has been planned to facilitate

decongestion of the island city by improving connectivity between Island city and main land (Navi Mumbai) and development of Navi Mumbai Region was envisaged about 30 years back.

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Mumbai Metropolitan Region (Sea Link from Sewri in Mumbai to Chirle in Navi Mumbai)

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → The Project consists of approach roads, viaducts on inter-tidal zone, bridge across the harbour and interchanges for construction of a road bridge across the Mumbai Harbour.
- → Rail Connectivity to the Site:

#### N.A

→ Airport Connectivity:

The project provides faster connectivity to proposed Navi Mumbai Airport.

→ Port Connectivity:

The link will help better connectivity to and development of Mumbai Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water

The existing waterlines along/across the MTHL alignment, will be shifted / diverted accordingly, if needed.

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

#### → Power

The existing power lines along/across the MTHL alignment will be shifted / diverted accordingly, if needed.

Utility mapping has been done in consultation with the concerned stake holders. During execution detailed utility survey may be carried out by the contractor.

 $\rightarrow$  Gas

The existing submarine gas lines along/across the MTHL alignment will be taken care of accordingly, if needed.

Utility mapping has been done in consultation with the concerned stake holders. During execution detailed utility survey may be carried out by the contractor.

→ Logistics

All related logistics to be provided by the contractors

# CONTACT INFORMATION

## IMPLEMENTING AGENCY

→ Mumbai Metropolitan Region Development Authority

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Engineer-in-Chief,

Engineering Division, MMRDA

Mumbai Metropolitan Region Development Authority,

Bandra Kurla Complex, Bandra (East),

Mumbai – 400051.

Tele: +91(22) 26591239





## STATE: MAHARASHTRA

Development of Mumbai Nagpur Communication Super Expressway

## MODE OF IMPLEMENTATION

→ Government / PPP

## **PROJECT STATUS**

#### **CURRENT STATUS**

→ Ready for investment

#### ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Construction Start Date: 01/10/2016

→ Construction End Date: 30/09/2019

## APPROXIMATE PROJECT COST

→ Construction Cost - Rs. 27,5080 Million(Approx. USD 4.23 Bn)

→ Total project cost - Rs. 400,000 Million (Approx. USD 6.15 Bn)

## MODE OF FUNDING & FUNDING AGENCY

→ Borrowings from Open Markets, ECB's, Sovereign International Funding, Equity Participation from Private, etc.

# **PROJECT DETAILS**

## PROJECT CONTOURS

→ The project is important to improve the communication and connectivity between Mumbai,

and Nagpur. The proposed communication super expressway shall not only reduce the travel time between the two cities but also directly impact improvement of backward regions in Vidarbh and Marathwada. The major portion of the corridor lies under the influence zone of the Western Dedicated Freight Corridor and the Delhi Mumbai Industrial Corridor. Development various nodes including Industrial clusters, Agro Clusters, Tourist / religious Developments , Catalyze development of high density Industrial corridors, etc.

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

The following 3 routes are under consideration:-

- → Nagpur Amaravati Khamgaon Jalna Aurangabad Ghoti Thane
- → Nagpur Butibori Wardha Jalna Aurangabad Ghoti Thane
- → Nagpur Amaravati Karanja Lad Jalna Aurangabad Ghoti, Thane

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road

The project is important to improve the communication and connectivity between Mumbai, and Nagpur

→ Rail Connectivity to the Site:

Rail Corridor will be considered on Need base to the project in due course of implementation.

→ Airport Connectivity:

N.A.

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

→ Port Connectivity:

Provision for Dry Port will be considered on based on the Industrial growth in an around the alignment.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water, Power, Gas, & Logistics

Since, it is considered on Green Field Alignment – the Shifting of Utilities are negligible. However enough provision are made to provide in the said alignment to provide such facilities.

# CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Maharashtra State Road Development Corporation Ltd.

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

- → Shri Eknath Shinde Hon'able Minister Public work Department (PU)
- → Shri Vijay Deshmukh Hona'ble Minister State.
- → Shri Radheshyam Mopalwar Vice Chairman & Managing Director
- $\boldsymbol{\rightarrow}$ Shri S M Ramchandani –Jt. Managing Director I .
- → Shri K V Kurundkar Jt. Managing Director II



## STATE: MAHARASHTRA

Navi Mumbai Metro Line 2, 3 & 4

## MODE OF IMPLEMENTATION

→ Government

## PROJECT STATUS

#### **CURRENT STATUS**

→ DPR stage

## ANTICIPATED PROJECT TIMELINES

- → Construction start date 2016
- → Construction end date 2021

## APPROXIMATE PROJECT COST

→ INR 10,4980 Million (USD 1.61 Bn)

## MODE OF FUNDING & FUNDING AGENCY

→ Government

# **PROJECT DETAILS**

## **PROJECT CONTOURS**

→ Line 2, 3 & 4 is proposed from Khandeshwar to Taloja MIDC & further connects Line 1 at Pendhar. This will be extended up to proposed NMIA.

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Dist Raigad, Tal Panvel, Villages of Taloja, Kalamboli & Kamothe node.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road – Sion Panvel Expressway (existing), Rail – Suburban line from CST to Panvel at Khandeshwar & Diva –Panvel line at Taloja Panchand & Navade (existing) and Airport – NIMA (proposed)

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  NA

# **CONTACT INFORMATION**

#### **IMPLEMENTING AGENCY**

→ Chief Engineer (SP),

CIDCO LTD, CBD- Belapur, Navi Mumbai

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\boldsymbol{\rightarrow}$  SE (TP-I) & SE (TP-III) Ph. No. (022) 6791 8572, 6791 8610

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

## STATE: MAHARASHTRA

Navi mumbai international airport

## MODE OF IMPLEMENTATION

 $\rightarrow$  PPP

# **PROJECT STATUS**

#### **CURRENT STATUS**

→ DPR stage

## ANTICIPATED PROJECT TIMELINES

- → Construction start date 31/10/2016
- → Construction end date 31/10/2019

## APPROXIMATE PROJECT COST

→ INR 160,000 Million (USD2500 Million)

## MODE OF FUNDING & FUNDING AGENCY

 $\rightarrow$  PPP

# PROJECT DETAILS

## **PROJECT CONTOURS**

→ The Airport is located in a core area of 1160 Ha. and is planned with two parallel and independent runways for simultaneous and independent operations along with full length rapid exit taxiways on either side of runways. The airfield is designed to accommodate new large aircrafts like A380/B747-8

and complies with ICAO Aerodrome Code 4F. The proposed airport, designed for 60 Million passengers per annum (MPPA) capacity and is expected to be developed in 4 phases. Phase-I of the Airport is expected to be commissioned by 2019 with an initial capacity of 10 MPPA

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Raigad dist, Panvel Taluka, Navi Mumbai

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → The National Highway 4B abutting the boundary of the proposed Airport and Aamra Marg (NH-348) running along the western boundary of the Airport provide the main access to the airport. These roads are being widened to 8 lane access controlled arterials, provide easy and fast access to the airport. The 10 lane Sion Panvel Expressway , the fully elevated Eastern Freeway and Santacruz Chembur Link road provide fast access from Mumbai city
- → Existing CST Panvel Railway line provides connectivity nearby the proposed airport. The proposed Elevated CST Panvel Fast Corridor and the proposed link with Metro Line 1 of Mumbai are expected to provide direct metro connectivity to the airport, with a station at the terminal for comfort of the passengers
- ightarrow Nearest airport will be CSIA , at a distance of 35 km
- → The Jawaharlal Nehru Port Trust (JNPT), one of the biggest and modern ports of the country , is located just 20km from the proposed airport

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# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water and Power Supply infrastructure is being planned and developed by CIDCO

# CONTACT INFORMATION

## IMPLEMENTING AGENCY

- → CIDCO Ltd
- → CIDCO BHAVAN
- → CBD BELAPUR
- → NAVI MUMBAI 400614
- → MAHARASHTRA

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Sanjay bhatia ias

Vice chairman & managing director

Cidco Itd

Cidco bhavan

Cbd belapur

Navi mumbai 400614

Tel: 91-22-67918211

Email: cidcomdoffice@gmail.Com

→ S. Vijayakumar

Cgm(transport & airport)

Cidco ltd

Cidco bhavan

Cbd belapur

Navi mumbai 400614

Tel: 91-22-67918601

Email: cidcocgmta@gmail.Com

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

## STATE: MAHARASHTRA

Metro Line – 2B: D.N.Nagar – Bandra – Mandale (Mankhurd)

# MODE OF IMPLEMENTATION

→ Government

## **PROJECT STATUS**

## **CURRENT STATUS**

→ DPR is under Preparation

## ANTICIPATED PROJECT TIMELINES

- → Construction Start Date: April, 2017
- → Construction End Date: March, 2020 (Incl. 1 year for approvals from CRS)

## APPROXIMATE PROJECT COST

→ Rs. 69,000 Million (USD 1.06 Billion)

## MODE OF FUNDING & FUNDING AGENCY

→ MMRDA /Government and Loan Assistance from Multilateral Funding agencies

## PROJECT DETAILS

## PROJECT CONTOURS

→ Metro Line – 2B: D.N.Nagar – Bandra – Mandale (Mankhurd) is elevated metro corridor having approx. length 32 km. This corridor is one of the

Mumbai Metro Master Plan recommended corridors.

Benefits of the Projects

- → Integration facility at:
- → D.N. Nagar (Metro Line 1)
- → ITO Junction (Metro Line 3)
- → Kurla (Line Line 4) & Suburan Stations
- → K.N.Purav Metro station (Monorail)
- → Saving in travel time
- → Reduce the vehicular traffic on roads and reduce number of accidents Improve travel speed
- → Reduce noise / air pollution.
- → Reduce excessive overcrowding on existing suburban system and supplement the system
- → Make Public Transport more attractive for commuters and discourage them from use of private vehicles.
- → Increase business opportunities & Mobility

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Municipal Corporation of Greater Mumbai (MCGM) area, Western Suburbs.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road

This corridor runs on Link road connecting Dahisar (E) and western suburbs. And further connects Arterials Roads of areas D.N. Nagar, Malad, Charkop, Kandivali, LIC colony and Dahisar.

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→ Rail Connectivity to the Site:

This corridor connects existing Metro Line 1:Varsova – Andheri – Ghatkopar corridor at D.N. Nagar and proposed Metro line 7A at Dahisar (E).

→ Airport Connectivity:

The Mumbai Airport is about 5 km away from this metro corridor

→ Port Connectivity:

NΑ

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water

The existing water lines along/across the metro corridor will be shifted/diverted accordingly, if needed

 $\rightarrow$  Power

The existing Power Cable along/across the metro corridor will be shifted/diverted accordingly, if needed

 $\rightarrow$  Gas

The existing Gas lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Logistics

All related logistics to be provided by the contractors

# **CONTACT INFORMATION**

## **IMPLEMENTING AGENCY**

 $\rightarrow$  Mumbai Metropolitan Region Development Authority

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. P.R.K. Murthy

Director (Projects) – Metro/Chief, Transport and Communications Division,

Mumbai Metropolitan Region Development Authority,

Bandra Kurla Complex, Bandra (E), Mumbai 400051 Telephone No. 91(22)2659 4107

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

## STATE: MAHARASHTRA

Mumbai Metro Line 4 Wadala – Ghatkopar – Thane –Kasrwadavli

# MODE OF IMPLEMENTATION

→ Government

# **PROJECT STATUS**

#### **CURRENT STATUS**

 $\rightarrow$  DPR is under Preparation

## **ANTICIPATED PROJECT TIMELINES**

- → Construction Start Date: April, 2017
- → Construction End Date: March, 2020 (Incl. 1 year for approvals from CRS)

## APPROXIMATE PROJECT COST

→ Rs. 96,000 Million (USD 1.47 Billion)

## MODE OF FUNDING & FUNDING AGENCY

→ MMRDA /Government and Loan Assistance from Multilateral Funding agencies

## PROJECT DETAILS

## PROJECT CONTOURS

→ Metro Line – 4 Wadala – Ghatkopar – Thane –Kasrwadavli is proposed as elevated metro corridor having approx. length 32 km. This corridor is one of the Mumbai Metro Master Plan recommended corridors.

Benefits of the Projects

- → Integration facility at:
- → Bhakti Park (Monorail)
- → Kurla (Line 2B)
- → Interchanges stations with Suburban Stations of LTT, Vidyavihar, Ghatkopar, Vikroli, Kanjur Marg, Bhandup. Kapurbawadli (Proposed Thane Bhiwandi Kalyan MRTS at at Kapurbavdi) and Kasarwadavli (As per CTS proposed Kasarwadavli Dahisar Monorail)
- → Saving in travel time
- → Reduce the vehicular traffic on roads and reduce number of accidents Improve travel speed
- → Reduce noise / air pollution.
- ightharpoonup Reduce excessive overcrowding on existing suburban system and supplement the system
- → Make Public Transport more attractive for commuters and discourage them from use of private vehicles.
- → Increase business opportunities & Mobility

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

ightarrow Municipal Corporation of Greater Mumbai (MCGM) area, Thane Municipal Corporation

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road





This corridor runs along LBS marg and connecting major roads of Wadala, Kurla Chembur, Ghatkopar, Bhandup, Mulund Thane, Kasarwadavli

→ Rail Connectivity to the Site:

This corridor runs through eastern suburbs through suburban rail with integration to proposed Metro Line 2B:& Line 1 – Varsova – Andheri – Ghatkopar

→ Airport Connectivity:

The Mumbai Airport is about 4 km away from this metro corridor.

→ Port Connectivity:

The Mumbai port is about 3 km away from Wadala Metro Station

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water

The existing water lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Power

The existing Power Cable along/across the metro corridor will be shifted/diverted accordingly, if needed

 $\rightarrow$  Gas

The existing Gas lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Logistics

All related logistics to be provided by the contractors

## CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

→ Mumbai Metropolitan Region Development Authority

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. P.R.K. Murthy

Director (Projects) – Metro/Chief, Transport and Communications Division,

Mumbai Metropolitan Region Development Authority,

Bandra Kurla Complex, Bandra (E), Mumbai 400051 Telephone No. 91(22)2659 4107

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

## STATE: MAHARASHTRA

JVLR – SEEPZ – Kanjur Marg Metro Corridor

## MODE OF IMPLEMENTATION

→ Government

## **PROJECT STATUS**

#### **CURRENT STATUS**

→ DPR is under Preparation

## **ANTICIPATED PROJECT TIMELINES**

- → Construction Start Date: April, 2017
- → Construction End Date: March, 2020 (Incl. 1 year for approvals from CRS)

## APPROXIMATE PROJECT COST

→ Rs. 3,2000 Million (USD0.49 Bn)

## MODE OF FUNDING & FUNDING AGENCY

→ MMRDA /Government and Loan Assistance from Multilateral Funding agencies

# **PROJECT DETAILS**

## **PROJECT CONTOURS**

→ JVLR –SEEPZ – Kanjur Marg Metro Corridor is proposed as elevated metro corridor having apprx. length of 11km. This corridor is one of the Mumbai Metro Master Plan recommended corridors.

Benefits of the Projects

- → Proposed integration facility with metro Line 4 and 7
- → Saving in travel time
- → Reduce the vehicular traffic on roads and reduce number of accidents Improve travel speed
- → Reduce noise / air pollution.
- → Reduce excessive overcrowding on existing suburban system and supplement the system
- → Make Public Transport more attractive for commuters and discourage them from use of private vehicles.
- → Increase business opportunities & Mobility

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Municipal Corporation of Greater Mumbai (MCGM) area

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road

This corridor runs along JVLR and connecting eastern & western suburbs of Mumbai

→ Rail Connectivity to the Site:

This corridor will have good connectivity with suburbs rail at Kanjurmarg and proposed Metro Line 4 & 7

→ Airport Connectivity:

NΑ

→ Port Connectivity:

NA

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# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water

The existing water lines along/across the metro corridor will be shifted/diverted accordingly, if needed

 $\rightarrow$  Power

The existing Power Cable along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Ga

The existing Gas lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Logistics

All related logistics to be provided by the contractors

## CONTACT INFORMATION

#### **IMPLEMENTING AGENCY**

→ Mumbai Metropolitan Region Development Authority

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. P.R.K. Murthy

Director (Projects) – Metro/Chief, Transport and Communications Division,

Mumbai Metropolitan Region Development Authority,

Bandra Kurla Complex, Bandra (E), Mumbai 400051 Telephone No. 91(22)2659 4107

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

## STATE: MAHARASHTRA

Wadala – GPO Metro Corridor (Along R. A. Kidwai Rd. – Barrister Nath Pai Rd. – P.D. Mello Rd

# MODE OF IMPLEMENTATION

→ Government

# **PROJECT STATUS**

## **CURRENT STATUS**

→ DPR is under Preparation

## **ANTICIPATED PROJECT TIMELINES**

- → Construction Start Date: April, 2017
- → Construction End Date: March, 2020

(Incl. 1 year for approvals from CRS)

## APPROXIMATE PROJECT COST

→ Rs. 2,4000 Mn (USD 0.36 Bn)

## MODE OF FUNDING & FUNDING AGENCY

→ MMRDA /Government and Loan Assistance from Multilateral Funding agencies

# **PROJECT DETAILS**

## PROJECT CONTOURS

→ Wadala – GPO Metro Corridor is proposed as elevated metro corridor having apprx. length of 8.00 km. This corridor is one of the Mumbai Metro Master Plan recommended corridors.

Benefits of the Projects:

- → Saving in travel time.
- → Reduce the vehicular traffic on roads and reduce number of accidents Improve travel speed
- → Reduce noise / air pollution.
- → Reduce excessive overcrowding on existing suburban system and supplement the system
- → Make Public Transport more attractive for commuters and discourage them from use of private vehicles.
- → Increase business opportunities & Mobility

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Municipal Corporation of Greater Mumbai (MCGM) area

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Road

This corridor connects major roads of Wadala, Fort area & Mazgaon dock etc.

→ Rail Connectivity to the Site:

This corridor will have good connectivity with harbour line stations.

→ Airport Connectivity:

NA

 $\rightarrow$  Port Connectivity:

This corridor will have good connectivity with Mumbai port area



# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water

The existing water lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Powe

The existing Power Cable along/across the metro corridor will be shifted/diverted accordingly, if needed

 $\rightarrow$  Ga

The existing Gas lines along/across the metro corridor will be shifted/diverted accordingly, if needed

→ Logistics

All related logistics to be provided by the contractors

## CONTACT INFORMATION

## **IMPLEMENTING AGENCY**

 $\rightarrow$  Mumbai Metropolitan Region Development Authority

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. P.R.K. Murthy

Director (Projects) – Metro/Chief, Transport and Communications Division,

Mumbai Metropolitan Region Development Authority,

Bandra Kurla Complex, Bandra (E), Mumbai 400051 Telephone No. 91(22)2659 4107

# INVESTMENT OPPORTUNITIES IN ANDAMAN & NICOBAR ISLANDS



# STATE: ANDAMAN & NICOBAR

Tissue Culture Laboratory

# MODE OF IMPLEMENTATION

→ Government

## **PROJECT STATUS**

#### **CURRENT STATUS**

→ Work to be started in March 2016

## ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Expected to be completed in the year 2017

#### APPROXIMATE PROJECT COST

→ Rs 10 Million (USD 0.15 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ National Horticulture Mission, MoA, GoI

## **PROJECT DETAILS**

#### PROJECT CONTOURS

→ The Tissue culture laboratory will be establishment at the Progeny Farm, Jirkatang as a turnkey project for one year from the date of commissioning with an objective to propagate desirable varieties of crops such as banana, pineapple, orchids etc. and to produce Tissue culture plantlets to local market.

Timely supply of uniform, healthy, disease resistant

Tissue Culture plantlets in adequate volume to the farmers. It will boost the productivity level of crops, in turn higher returns to farmers for their sustainable livelihood and prosperity.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Jirkatang Village, South Andaman District, Area- 0.2 Ha

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Well connected

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water – Ring Well, Power - Uninterrupted Power Supply, LPG also proposed

## CONTACT INFORMATION

## **IMPLEMENTING AGENCY**

→ High Value Agriculture Development Agency, Directorate of Agriculture

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

 $\rightarrow$  Member Secretary, HVADA

03192-233257

Mobile: 9434263829

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

## STATE: ANDAMAN & NICOBAR

Centre for Excellence for Vegetables

## MODE OF IMPLEMENTATION

→ Government

## **PROJECT STATUS**

#### **CURRENT STATUS**

→ Commercial Conversion of land is under process Work to be started in March 2016

## ANTICIPATED PROJECT TIMELINES

→ Tentative date of completion – March 2019

## APPROXIMATE PROJECT COST

→ Rs 100 Million (USD 1.54 Million)

## MODE OF FUNDING & FUNDING AGENCY

→ National Horticulture Mission, MoA, GoI

# **PROJECT DETAILS**

# PROJECT CONTOURS

→ Centre of Excellence (COE) for vegetables to impart demonstration and training of Good Agricultural Practices (GAP) for farmers and raising good quality planting materials of improved varieties of vegetables, production of vegetables, production of vegetables crops and post harvest management

under NHM on the pattern of Indo Israel projects to increase the vegetable production in a limited area involving modern technologies & make vegetable cultivation economically competitive.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Seed Multiplication Farm, Chouldari Village, South Andaman District

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Well connected

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water – Ring Well, Power - Uninterrupted Power Supply, LPG also proposed

# CONTACT INFORMATION

## **IMPLEMENTING AGENCY**

→ High Value Agriculture Development Agency,
Directorate of Agriculture

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Member Secretary, HVADA 03192-233257

00172 20020

Mobile: 9434263829





# STATE: ANDAMAN & NICOBAR

Summer Sands

# MODE OF IMPLEMENTATION

→ Private

## PROJECT STATUS

## **CURRENT STATUS**

 $\rightarrow$  NA

## **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  NA

#### APPROXIMATE PROJECT COST

→ Rs 40 Million (USD 0.62 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private (M/S Summer Sands)

## **PROJECT DETAILS**

#### PROJECT CONTOURS

 $\boldsymbol{\rightarrow}$  The Island is a tourist destination with pristine virgin beaches

#### LOCATION - DISTRICT TALUKA. TOWN. VILLAGE

→ South Andaman, Neil Island

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ Well connected

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water – Ring Well, Power - Uninterrupted Power Supply, LPG also proposed

# CONTACT INFORMATION

## **IMPLEMENTING AGENCY**

→ Shri Kulmohan Singh, Proprietor

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

**→** 9932081040

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

# STATE: ANDAMAN & NICOBAR

Cold Storage

# MODE OF IMPLEMENTATION

→ Private

# **PROJECT STATUS**

## **CURRENT STATUS**

 $\rightarrow$  NA

## ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

## APPROXIMATE PROJECT COST

→ Rs 18.9 Million (USD 0.29 Million)

## MODE OF FUNDING & FUNDING AGENCY

→ Private (75% Grant in Aid from National Mission on Food Processing, GOI up to maximum of Rs.2.5 Crore)

# **PROJECT DETAILS**

## PROJECT CONTOURS

→ Infrastructure for Cold storage of 50 Tonnes capacity will be created which will help the fishermen to preserve their marine produce for export.

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Habdipur Village, Ferrargunj Tehsil, South Andaman District

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Existing Road available. Area 1 acre
- → Airport The unit is 35 KM away from Airport
- → Seaport The unit is 40 KM away from Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Water – Ring Well, Power - Uninterrupted Power Supply, LPG also proposed

# **CONTACT INFORMATION**

#### IMPLEMENTING AGENCY

→ M/s ACE Marine Export

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. Anup Kumar Dutta Mobile: 9474020202





# STATE: ANDAMAN & NICOBAR

Cold Storage

# MODE OF IMPLEMENTATION

→ Private

# **PROJECT STATUS**

#### **CURRENT STATUS**

→ Expected to start in November 2015

## ANTICIPATED PROJECT TIMELINES

→ Expected completion date – June 2016

#### APPROXIMATE PROJECT COST

→ Rs 29.4 Million (USD 0.45 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Private (50% Grant in Aid from National Mission on Food Processing, GOI upto maximum of Rs.5.00 Crore)

# **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Infrastructure for Cold storage of 60 Tonnes capacity will be created which will help the fishermen to preserve their marine produce for export.

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Industrial Estate, Dollygunj, Port Blair Tehsil, South Andaman District. 500 sq.mtr at Industrial Estate Dollygunj

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Existing Road available.
- → Airport The unit is 4 KM away from Airport
- $\rightarrow$  Seaport The unit is 10 KM away from Port

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Yes

# **CONTACT INFORMATION**

## **IMPLEMENTING AGENCY**

→ M/s BRR Sea Foods

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. Nand Kishore Mobile: 9531866603

# **PROJECTS READY FOR PROCUREMENT IN FY 2016-17**

## STATE: ANDAMAN & NICOBAR

Fish Landing Jetty

# MODE OF IMPLEMENTATION

→ Government

## **PROJECT STATUS**

#### **CURRENT STATUS**

→ The necessary documents for SFC clearance are received from ALHW & being submitted to Planning Department & Finance Department for Administrative approval & expenditure sanction

## ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  NA

## APPROXIMATE PROJECT COST

→ Rs 186 Million (USD 2.86 Million)

## MODE OF FUNDING & FUNDING AGENCY

→ Government

# **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Apart from improvement of the overall environmental quality, the extension of the jetty will greatly benefit in the overall socio-economic uplift

of the local population. The spin-off benefits likely to accrue from the incremental activities will not only help in securing and sustaining the livelihood of a large number of poor fishermen but will also help to generate direct and indirect economic opportunities.

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

- → Existing Road available.
- → Airport veer savarkar international airport
- → Seaport haddo, phoenix bay

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

- → Existing Road available. Area 1 acre
- → Airport The unit is 35 KM away from Airport
- → Seaport The unit is 40 KM away from Port

# UTILITY INFRASTRUCTURE – EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  Yes

# CONTACT INFORMATION

## **IMPLEMENTING AGENCY**

→ Department of Fisheries, A&N Administration, Port Blair

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Director of Fisheries, 03192-232770

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# STATE: ANDAMAN & NICOBAR

Cargo Vessel

# MODE OF IMPLEMENTATION

→ A &N Administration, through the SCI who is the technical consultant for A&N administration for acquisition of vessels.

## PROJECT STATUS

## **CURRENT STATUS**

→ The shipbuilding contract is yet to be concluded during the current financial Year 2015-16. The vessels expected to be completed in 45-58 months after awarding order.

#### ANTICIPATED PROJECT TIMELINES

 $\boldsymbol{\rightarrow}$  Projected date of completion and commissioning for operation in 2020

#### APPROXIMATE PROJECT COST

→ Rs 8190 Million (USD 126 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government ( A&N Administration, under Plan Scheme/funds).

## PROJECT DETAILS

#### PROJECT CONTOURS

→ The main means of transportation mode from Port Blair to Mainland based Posts i.e. Kolkata, Vizag and Chennai is the waterways. The existing ships being operated in these routes have expired their life span and required to be replaced by new one. Hence, the govt. of India and A&N administration have decided and planning to construct 2Nos new ships. M/s Cochin Shipyard has been selected on nomination basis for construction of the above mentioned two ship

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ The M/s Coching shipyard Ltd. is the location for construction of Said Vessels.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed 2Nos Vessels, the selected Shipyard namely M/s cochin Shipyard will make all the necessary arrangement for required facilities such as water, Power and Gas and required technologies and manpower etc. at their own.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed 2Nos Vessels, the selected Shipyard namely M/s cochin Shipyard will make all the necessary arrangement for required facilities such as water, Power and Gas and required technologies and manpower etc. at their own.

## CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Director of Shipping Services, Andaman and Nicobar Administration, Port Blair.

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Capt(IN) Rajinder Kumar, Ph- 03192-230480

# PROJECTS READY FOR PROCUREMENT IN FY 2016-17

# STATE: ANDAMAN & NICOBAR

2X500 Pax cum 150 ton Cargo Vessel

## MODE OF IMPLEMENTATION

 $\rightarrow$  A &N Administration, through the SCI who is the technical consultant for A&N administration for acquisition of vessels

# **PROJECT STATUS**

## **CURRENT STATUS**

→ The shipbuilding contract is yet to be concluded during the current financial Year 2015-16. The vessels expected to be completed in 45-58 months after awarding order.

## ANTICIPATED PROJECT TIMELINES

 $\boldsymbol{\rightarrow}$  Projected date of completion and commissioning for operation in 2018

## APPROXIMATE PROJECT COST

→ Rs 5100 Million (USD 78.46 Million)

#### MODE OF FUNDING & FUNDING AGENCY

→ Government ( A&N Administration, under Plan Scheme/funds).

# **PROJECT DETAILS**

## **PROJECT CONTOURS**

→ The main means of transportation mode from Port Blair to other remote islands in this UT i is the waterways. The existing ships being operated in these

routes have expired their life span and required to be replaced by new one. Hence, the govt. of India and A&N administration have decided and planned for construction of 2Nos new ships. M/s Cochin Shipyard has been selected on nomination basis by the Ministry of Shipping, Govt. of India for construction of the above mentioned two ships

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ The M/s Cochin Shipyard Ltd. is the location for construction of Said two Vessels.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed 2Nos Vessels, the selected Shipyard namely M/s cochin Shipyard will make all the necessary arrangement for required facilities such as water, Power and Gas and required technologies and manpower etc. at their own.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed 2Nos Vessels, the selected Shipyard namely M/s cochin Shipyard will make all the necessary arrangement for required facilities such as water, Power and Gas and required technologies and manpower etc. at their own.

## CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Director of Shipping Services, Andaman and Nicobar Administration, Port Blair.

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Capt(IN) Rajinder Kumar, Ph- 03192-230480





# STATE: ANDAMAN & NICOBAR

6X250 Pax harbour craft

# MODE OF IMPLEMENTATION

→ Government

## PROJECT STATUS

#### **CURRENT STATUS**

→ The Shipbuilding contract is yet to be concluded during the current financial Year 2015-16. The vessels expected to be completed in 8-10 months after awarding order.

## ANTICIPATED PROJECT TIMELINES

 $\rightarrow$  Projected date of completion and commissioning for operation in 2016-17

#### APPROXIMATE PROJECT COST

→ Rs 355.20 Million (USD 5.46 Million)

## MODE OF FUNDING & FUNDING AGENCY

→ Government ( A&N Administration, under Plan Scheme/funds).

## PROJECT DETAILS

#### PROJECT CONTOURS

→ The main means of transportation mode from Port Blair to other short distance Islands in this UT is the waterways. The existing ships being operated in these routes have expired their life span and required to be replaced by new one. Hence, the govt. of India and A&N administration have decided and planned for construction of 6Nos new ships. M/s Waterways Shipyard has been selected on open tender basis for construction of the above mentioned 6 ships

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ The M/s Waterways Shipyard Ltd. at Mangalore is the location for construction of Said Six Vessels.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed6Nos Vessels, the selected Shipyard namely M/s Waterways Shipyard will make all the necessary arrangement for required facilities such as water, Power, Gas, required Technologies and manpower etc. at their own

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed6Nos Vessels, the selected Shipyard namely M/s Waterways Shipyard will make all the necessary arrangement for required facilities such as water, Power , Gas , required Technologies and manpower etc. at their own

## CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Director of Shipping Services, Andaman and Nicobar Administration, Port Blair.

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. Nand Kishore Mobile: 9531866603

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

# STATE: ANDAMAN & NICOBAR

Beach Resort

# MODE OF IMPLEMENTATION

→ Government

## **PROJECT STATUS**

#### **CURRENT STATUS**

→ Commercial Conversion of land is under process

## **ANTICIPATED PROJECT TIMELINES**

 $\rightarrow$  NA

## APPROXIMATE PROJECT COST

→ Not Available

## MODE OF FUNDING & FUNDING AGENCY

→ Private

# **PROJECT DETAILS**

#### PROJECT CONTOURS

→ Establishment of Resort in Neil Island for development of eco-Tourism

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ Laxmanpur, Neil Island, South Andaman District. Area – 2000 sqm

CONNECTIVITY - EXISTING AND PROPOSED

#### INFRASTRUCTURE

- → Existing road available. No Airport available in Neil Island
- → Existing jetty is 1.5 KM away from the proposed site

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ Available

# CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Ms. Sandra Briand (Nationality- France)

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Shri. Tapan Mondal, Neil Island, Mobile:9679567725





# STATE: ANDAMAN & NICOBAR

4x250pax cum-Vehicle Ferry

# MODE OF IMPLEMENTATION

 $\rightarrow$  A &N Administration, through the SCI who is the technical consultant for A&N administration for acquisition of vessels.

# **PROJECT STATUS**

#### **CURRENT STATUS**

→ Tender invited by SCI and Technical evaluation under progress

## **ANTICIPATED PROJECT TIMELINES**

→ Estimated projected date of completion and commissioning for operation in 2020

#### APPROXIMATE PROJECT COST

→ Not yet received

#### MODE OF FUNDING & FUNDING AGENCY

→ Government

# **PROJECT DETAILS**

#### PROJECT CONTOURS

→ For transportation of Passengers and Vehicle from One port to Another Port and also rendering connectivity in vehicle movement in the Creek Jetty

at Middle Strait and Uttara for smooth movement of Vehicle from south Andaman to North & Middle Andaman district.

#### LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

→ For construction of the above mentioned vessels the yard yet to be selected.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed 4Nos Vessels, the selected Shipyard namely will make all the necessary arrangement for required facilities such as water, Power , Gas , required Technologies and manpower etc. at their own.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed 4Nos Vessels, the selected Shipyard namely will make all the necessary arrangement for required facilities such as water, Power , Gas , required Technologies and manpower etc. at their own.

# CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Director of Shipping Services, Andaman and Nicobar Administration, Port Blair.

# KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Capt(IN) Rajinder Kumar, Ph- 03192-230480

# PROJECTS TO BE PROCURED IN THE NEXT 3-5 YEARS

## STATE: ANDAMAN & NICOBAR

3x300 pax foreshore vessel

# MODE OF IMPLEMENTATION

→ A &N Administration, through the SCI who is the technical consultant for A&N administration for acquisition of vessels.

## **PROJECT STATUS**

#### **CURRENT STATUS**

→ Tender invited by SCI and Technical evaluation under progress

## ANTICIPATED PROJECT TIMELINES

→ Estimated projected date of completion and commissioning for operation in 2020

## APPROXIMATE PROJECT COST

→ Not yet received

## MODE OF FUNDING & FUNDING AGENCY

→ Government

# PROJECT DETAILS

## PROJECT CONTOURS

→ The main means of transportation mode from Port Blair to other Islands in this UT is the waterways. The existing ships being operated in these routes have expired their life span and required to be replaced by new one and also to meet the growing demand of public movement more vessels are urgently required

for augmentation of timely connectivity from Port Blair to Havelock, Rangt, Mayabunder and Little Andaman etc vice-versa. Hence, the govt. of India and A&N administration have decided and planned for construction of 4Nos new Ships to be operated in the Foreshore Sector.

## LOCATION - DISTRICT TALUKA, TOWN, VILLAGE

ightarrow For construction of the above mentioned vessels the yard yet to be selected.

# CONNECTIVITY - EXISTING AND PROPOSED INFRASTRUCTURE

→ For undertaking of the proposed 4Nos Vessels, the selected Shipyard namely will make all the necessary arrangement for required facilities such as water, Power , Gas , required Technologies and manpower etc. at their own.

# UTILITY INFRASTRUCTURE - EXISTING AND PROPOSED INFRASTRUCTURE

 $\rightarrow$  For undertaking of the proposed 4Nos Vessels, the selected Shipyard namely will make all the necessary arrangement for required facilities such as water, Power , Gas , required Technologies and manpower etc. at their own.

# CONTACT INFORMATION

#### IMPLEMENTING AGENCY

→ Director of Shipping Services, Andaman and Nicobar Administration, Port Blair.

## KEY CONTACT PERSON(S) AND CONTACT DETAILS

→ Capt(IN) Rajinder Kumar, Ph- 03192-230480





