

**Minutes of 176<sup>th</sup> meeting of Expert Appraisal Committee for Projects related to Industrial Estate/Area, SEZ and Road & Highways held on 8<sup>th</sup> September, 2017 at Indira Paryavaran Bhawan, Ministry of Environment, Forest and Climate Change, Jor Bagh Road, New Delhi**

**1. Opening remarks by the Chairman**

**2. Confirmation of the minutes of the 174<sup>th</sup> meeting held on 9<sup>th</sup> August, 2017 at New Delhi**

The EAC, having taken note that no comments were offered on the minutes of its 174<sup>th</sup> meeting held on **9<sup>th</sup> August, 2017** at New Delhi, confirmed the same.

**3. Consideration of Proposals**

3.1	Establishment of Jakkasandra Industrial Area, Kolar, Karnataka by Karnataka Industrial Area Development Board – <b>Environmental Clearance</b> - [IA/KA/NCP/ <b>63187</b> /2014] [F. No. [No. 21-313/2017-IA.III]
3.1.1	<p>The project proponent made a presentation along with EIA Consultant Ramky Enviro Engineers Ltd, Hyderabad and provided the following information to the Committee:</p> <ul style="list-style-type: none"> <li>(i) The proposal is for the development of Industrial Area in Jakkasandra village, Malur taluk, Kolar district, Karnataka by M/s Karnataka Industrial Area Development Board (KIADB).</li> <li>(ii) The size of the project is 254.04 ha (627.47 acres).</li> <li>(iii) The total water requirement is the facility is 3696 KLD, the same will be met by 1943 KLD of fresh water &amp; 1753 KLD of treated water.</li> <li>(iv) The quantity of wastewater generated will be (1845 KLD) will be treated in 2 CETPs of capacity 0.9 MLD each and 2 CSTPs of capacity 0.25 MLD each. 1753 KLD of treated wastewater will be recycled (for flushing, for gardening).</li> <li>(v) About 9 TPD solid waste will be generated in the project. The biodegradable waste (about 2 TPD) will be processed in OWC and the non-biodegradable waste generated (about 7 TPD) will be handed over to authorized local vendor.</li> <li>(vi) The total power requirement during construction phase is about 100 KVA and will be met from DG sets/ BESCO and total power requirement during cooperation phase will be 3250 KW and source is BESCO.</li> </ul>

	<p>(vii) Parking of about 7.46 ha is provided for the heavy industrial trucks and heavy vehicles.</p> <p>(viii) It is not located within 10 km of any Eco Sensitive areas.</p> <p>(ix) Investment/Cost: The total cost of the project is Rs. 151.60 Crores, capital cost towards environmental mitigation measure is Rs.13.75 Crores and for CSR activities Rs.1.50 Crore.</p> <p>(x) The project was accorded ToR vide Letter No.KSEAC/MEETING/2014 dated 18.06.2014 by SEIAA, Karnataka.</p> <p>(xi) Public Hearing was held on 22<sup>nd</sup> September, 2016 at 11.00 AM at proposed site of Jakkasandra village, Malur taluk, Kolar district, Karnataka.</p> <p>(xii) Benefits of the project:</p> <ul style="list-style-type: none"> <li>a. Industrial areas support start-ups, new enterprise incubation, development of knowledge – based business and offer an environment where local and international firms can interact with centres of knowledge creation.</li> <li>b. They act as innovation club, promoting interactive learning and the commercialization of research outputs and can exploit local entrepreneurial potential.</li> <li>c. Able to attract new business by providing an integrated infrastructure in one location.</li> <li>d. To set aside industrial uses from urban areas to try to reduce the environmental and social impact of the industrial uses.</li> <li>e. To provide for localized environmental controls those are specific to the needs of the industrial area.</li> </ul> <p>(xiii) No forest land is involved in the project.</p> <p>(xiv) There are no court cases pending with the project proponent.</p>
<p><b>3.1.2</b></p>	<p>During the deliberation, the Committee noted the following:</p> <ul style="list-style-type: none"> <li>(i) The proposed project belongs to B category as it is &lt;500 ha and it would house only B Category industries along with a CETP. However, it is being appraised at central level as there is no SEIAA is functional in the Karnataka state.</li> <li>(ii) Project proponent will not use any groundwater during construction and operation phases. They will utilise the secondary treated water from Bangalore Water Supply and Sewerage Board (BWSSB) STP.</li> <li>(iii) All the land required for Industrial Areas has been acquired and compensation was paid.</li> </ul>

	<ul style="list-style-type: none"> <li>(iv) The Initial budget provided towards CSR activities is Rs.150 Lakhs, i.e., 1% of the capital investment.</li> <li>(v) Greenbelt 33% (84.02 ha) along the boundary, roads, open areas as well as in and around individual units.</li> <li>(vi) The industries to be housed within the proposed Industrial Estate include Warehouse &amp; logistics, Furniture making, General Engineering, Automobile parts, Steel sheets / pipes, Plastic units, LPG bottling, etc. As per TOR, no Electroplating industry should be established.</li> <li>(vii) Committee suggested to changing the industrial layout plan not to house any industries to the west side of the Jakkasandra village located in the midst of proposed Industrial Area and use this land for green belt purposed. Proponent has agreed to submit the revised layout map immediately.</li> </ul>
<p><b>3.1.3</b></p>	<p>The EAC after detailed deliberations, recommended the project for grant of environmental clearance subject to compliance of all generic conditions applicable for such projects, submission of required documents to MOEF&amp;CC and specific conditions as under:</p> <p><b>Submission of following document to MoEF&amp;CC</b></p> <ul style="list-style-type: none"> <li>(i) Proponent has to submit the revised layout plan to avoid enveloping of the only village (Jakkasandra) located in the midst of the proposed Industrial Area. The land currently earmarked around the village for industries should be utilized for developing greenbelt.</li> </ul> <p><b>Specific conditions</b></p> <ul style="list-style-type: none"> <li>(i) Two tanks adjacent to the existing area to be protected. For preserving the water body a 75m wide greenbelt shall be provided and an elevated bund shall be developed for protection of the water body.</li> <li>(ii) No groundwater extraction shall be done during construction and operation phases of the project.</li> <li>(iii) Develop conservation plan for wildlife and biodiversity management.</li> <li>(iv) Ensure 100% utilization of the fly ash generated in the industrial units.</li> <li>(v) Explore the possibility of hazardous waste disposal facility within 30 km of proposed industrial area.</li> <li>(vi) Traffic circulation plan to be prepared and strictly implemented including development of service roads merging with highways.</li> <li>(vii) Abandoned quarry in existing Industrial area to be filled up to ground level and used for green belt development or otherwise make fencing and used as natural water body for augmentation of ground water recharge.</li> </ul>

	<ul style="list-style-type: none"> <li>(viii) Adequate safety protection measures to be made around the LPG unit</li> <li>(ix) All the existing water bodies adjacent to the project area to be maintained and water conservation measures to be adopted</li> <li>(x) Green belt must be developed using only native species of plants. No exotic species to be used. List of native species can be procured from local forest department.</li> <li>(xi) No further land acquisition will be permitted for proposed industrial area without shifting of Jakkasandra village.</li> </ul>
<b>3.2</b>	Industrial Park near Gandrajupalle Village, Gangavaram Mandal, Chittoor District, Andhra Pradesh State by M/s. Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC) – <b>Further Consideration of Environmental Clearance</b> – [IA/AP/NCP/61712/2015] [F.No. 21-141/2015-IA-III]
<b>3.2.1</b>	<p>The project proponent made a presentation along with EIA Consultant Ramky Enviro Engineers Ltd, Hyderabad and provided the following information to the Committee:</p> <ul style="list-style-type: none"> <li>(i) The proposal is for development of Industrial Park near Gandrajupalle Village, Gangavaram Mandal, Chittoor District, Andhra Pradesh promoted by Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC).</li> <li>(ii) The project is located at 13° 11' 36.5" N Latitude and 78° 34' 50.9" E longitude.</li> <li>(iii) The proposed "Development of Industrial park with a vision of providing "Hassle free production environment" for light engineering industries (like bearing industry process control system, steel forging), textile park, electrical &amp; electronics, Agro, food and allied industries, spun pipes, MSME (micro, small and medium enterprises), leather and footwear manufacturing, paper products, glass and ceramic, green house for sericulture etc.</li> <li>(iv) Total area required for the development is 482.51 acres (195.27 ha), the majority of the land area is covered with thorns and degraded shrub and or bushes; and some land is also covered with barren land and agriculture with a few operating/existing industries. The role of the APIIC for the proposed industrial park will consists of developing common infrastructural facilities – roads, water source, power, drainage, street lightening, greenbelt, CETP, TSDF and STP etc. Social Infrastructure – banks, post office, canteen, primary health centre etc. The proposed industrial park will also have an industrial area local authority for maintenance of the facility, approval of building plans etc.</li> <li>(v) During construction phase, total water requirement is expected about 10 KLD which will be met by Ground water sources/ tankers. During the</li> </ul>

	<p>construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labour force.</p> <p>(vi) During operational phase, total water demand of the project is expected to be 3530 KLD and the same will be met by the 2021 KLD fresh water &amp; 1509 KLD recycled water. Wastewater generated (1588 KLD) will be treated in 1 STP (0.5 MLD capacity) &amp; 1 CETP of 1.5 MLD capacity. 1509 KLD of treated wastewater will be recycled (314 KLD for Industrial use/flushing &amp; 1195 KLD for gardening).</p> <p>(vii) It is proposed that the industrial park will stick to the Zero Liquid Discharge policy to avoid contamination of the nearby areas and so the groundwater. A systematic CETP and STP are operational 24 Hours to treat the wastewater generation from different systems. Wastewater treated from these facilities will be used as a secondary purpose in the industries and also for the landscape development.</p> <p>(viii) About 4.6 TPD solid wastes will be generated in the project. The biodegradable waste (2.1 TPD) will be processed in OWC and the non-biodegradable waste generated (2.5 TPD) will be handed over to authorized local vendor.</p> <p>(ix) An area of 159 acre of land is allocated for green belt development which is around 33% of total area. A 15 m wide green belt will be developed all along the industrial area boundary and all along the roads within the site boundary.</p> <p>(x) The total power requirement during construction phase is 100 KVA and will be met from AP TRANSCO/other sources and total power requirement during operation phase is 16.6 MW and will be met from AP TRANSCO.</p> <p>(xi) Over all RWH from Rooftop rainwater of buildings, roads &amp; greenbelt will be collected in RWH tanks and the collected water will be utilized after filtration.</p> <p>(xii) Truck parking facility is proposed in 9.48 acres of industrial area.</p> <p>(xiii) Energy saving measures would be adopted and solar lighting is proposed for street lights &amp; common areas etc.</p> <p>(xiv) <u>ESZ</u>: It is not located within 10 km of any Eco Sensitive areas</p> <p>(xv) There is no court case pending against the project.</p> <p>(xvi) Diversion of forest land: Not applicable.</p> <p>(xvii) Investment/Cost of the project is Rs.96.5 crores.</p> <p>(xviii) <u>Employment Potential</u>: Around 9000 jobs will be generated due to the proposed project.</p> <p>(xix) <u>Benefits of the project</u>: Industrial development in the region, local employment improvement &amp; Infrastructure &amp; amenities will be developing in the surroundings.</p>
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	<p>(xx) <u>ToR Details</u>: ToR was granted vide letter No.21-141/2015-IA.III dated 1<sup>st</sup> February, 2016.</p> <p>(xxi) <u>Public Hearing</u>: Conducted on 20.08.2016 at the proposed project site near Gandrajupalle village, Gangavaram Mandal in Chittoor District of Andhra Pradesh.</p>
<b>3.2.2</b>	<p>The proposal was earlier considered by the EAC in its 171<sup>th</sup> meeting held on 12<sup>th</sup> May wherein the EAC noted the following:</p> <p>(i) The proposal is for grant of EC to the proposed Industrial Park in a total area of 195.27 ha near Gandrajupalle Village, Gangavaram Mandal, District Chittoor (AP) promoted by Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC).</p> <p>(ii) Different industrial projects/activities proposed to be housed therein would include engineering, paper products, rubber products etc. However, none of the proposed units seems to be covered either under Category A or B, and thus difficult to arrive at the consent appraisal/regulatory authority.</p> <p>(iii) Total freshwater demand of 2 MLD is proposed to be partly sourced through an unlined canal from non-perennial Kaudinya River, 1.5 km from the project site. To meet the balance requirement of water during four months, storage tanks are proposed in the industrial area only.</p> <p>(iv) Neither there was any commitment to ensure the sustainable water supply through surface water resources so identified, nor providing storage tanks in a huge area of 50 ha were considered to be feasible.</p> <p>(v) The clarification in respect of the proposed CETP and STP was also not found convincing.</p> <p>(v) Kaundinya Wildlife Sanctuary is in the proximity of the proposed project. The sanctuary is primarily an elephant reserve and is home to about 78 Indian elephants. Even though it is beyond 10km, the movement of elephant needs to be understood so that proposed industrial park doesn't lead to human-wildlife conflict. Thus appropriate study be undertaken and mitigation plan developed if found necessary. State Forest Department should be consulted on the same and report to be submitted to MoEF&amp;CC.</p> <p>(vi) The EIA states presence of <i>Bungarus candidus</i> (Malayan Krait or blue Krait) at project site. It is a species from Thailand and is not known from India.</p>
<b>3.2.3</b>	<p>Further this project was considered in EAC meeting held on 8<sup>th</sup> September, 2017. During the deliberation, the Committee noted the following:</p> <p>(i) The proposal is for grant of EC to the proposed Industrial Park in a total area of 195.27 ha near Gandrajupalle Village, Gangavaram Mandal, District Chittoor (AP) promoted by Andhra Pradesh Industrial</p>

Infrastructure Corporation Limited (APIIC).

- (ii) Project/Activity 3(a) - Metallurgical industries (ferrous & non-ferrous) – Category 'B':
- Sponge Iron Manufacturing <200 TPD
  - Secondary metallurgical processing units
  - All Toxic & heavy metal producing industries < 20000 TPA
  - All other Non – Toxic industries >5000 TPA
  - Project / Activity 7 (i) Common Effluent Treatment Plants (CETPs)
- (iii) Total freshwater demand of 2 MLD is proposed to be partly sourced through an unlined canal from non-perennial Kaundinya River, 1.5 km from the project site. To meet the balance requirement of water during four months, storage tanks are proposed in the industrial area only.
- (iv) The supply of 2 MLD water from the Sankaralayapeta M.I Tank which is connected to HNSS Canal(Kuppam branch Canal).Water will be stored & supplied to the industrial Park from Sankaralayapeta M.I tank (located about 3 km N). Proponent has not submitted allocation of water from kuppam branch canal.
- (v) The proposed CETP and STP details furnished below:
- The industrial wastewater generation was calculated based on the water allocation made to proposed industries considering 5 KLD/acre as most of the industries proposed are not major water consuming industries
  - The wastewater generation is assumed as 80% of water required for respective industry (4 KLD/acre).The wastewater generation on industrial park is 1257 KLD.
  - The domestic water requirement is calculated assuming 45 LPD/person for industrial workers of 8170.The wastewater generation is 331KLD from Domestic activities.
  - The CETP is around 1.5 MLD having primary, secondary (MBBR) and tertiary (MMF, ACF) and final treated water is reused for greenbelt and industrial uses (cooling, floor washing, etc)
  - The CSTP capacity is around 0.5 MLD having primary, secondary (activated sludge), tertiary (MMF, ACF) and final treated water is reused for greenbelt development and floor washings.
- (vi) The Kaundinya wildlife sanctuary is 13 km away from the proposed project site. But as per the information available in the Ministry the above sanctuary is 6.42 km away from the project site. However EAC advised proponent to submit authentication map certified by Chief

	Wildlife warden, AP in this regard. Proponent has not submitted any mitigation plan to avoid human-wildlife conflict with consultation of state forest department.
<b>3.2.4</b>	<p>The EAC after detail deliberations deferred the proposal for want desired information as under:</p> <ul style="list-style-type: none"> <li>(i) Permission for allocation of water from kuppam branch canal from concerned authority.</li> <li>(ii) Proponent has to submit authentication map duly certified by Chief wildlife warden, AP regarding the distance of the proposed project from Kaundinya wildlife sanctuary.</li> <li>(iii) Appropriate study to be under taken and mitigation plan to be prepared to avoid human-wildlife conflict with consultation of state forest department and same will be submitted to MoEF&amp;CC.</li> </ul>
<b>3.3</b>	Development of Access Controlled Nagpur-Mumbai Expressway from Jalna Buldana district Boarder to Aurangabad/Nashik district Boarder in the state of Maharashtra State Road Development corporation Ltd - <b>Environmental Clearance</b> [IA/MH/MIS/67224/2016] [F.No.10-41/2016-IA.III]
<b>3.3.1</b>	<p>During the meeting, the project proponent made a presentation along with EIA Consultant Louis Berger, Gurgaon, Haryana, and provided the following information to the Committee:</p> <ul style="list-style-type: none"> <li>(i) Development of Access Controlled Nagpur-Mumbai Expressway from Nhava village, Jalna Taluka, Jalna District (Border) to Surala village, Vaijapur Taluka, Aurangabad District (Border) Package III in Aurangabad Division of 155 km length in the state of Maharashtra) by M/s Maharashtra State Road Development Corporation Limited.</li> <li>(ii) This is Greenfield alignment and will reduce travel time, fuel consumption, vehicle operation and maintenance cost in comparison to the existing alternatives. It is planned to develop new industrial/educational/ commercial/tourism nodes in vicinity of expressway at a regular interval of 40-50 km.</li> <li>(iii) Forest area for which diversion is sought – 26.877 ha.</li> <li>(iv) As per the JMS, 399 trees in forest area and 21,627 number of trees/shrubs in Non-forest area are going to be affected by the project in entire length. All the felled trees will be compensated as per rules.</li> <li>(v) Three tier (rows) plantation shall be carried out on each side of the expressway except the locations where it is not feasible. In the median shrubs and flowing plants will be planted which will enhance the ecology of the area.</li> </ul>



	<ul style="list-style-type: none"> <li>(vi) Around 350 KLD water per day will be required and the contractor will be procure from the multiple resources like river, ponds, water stored in quarries and underground resource after obtaining due permissions/ approval from concern authorities.</li> <li>(vii) Mobile Sewage Treatment Plant will be installed in Camp for treatment of waste water generated from the labour camps. Recycled water will be used for irrigation purpose within same area.</li> <li>(viii) Waste generated from the construction activities will be recycled and used for embankment filling. No hazardous waste will be generated.</li> <li>(ix) Aerial distance of project area from nearest Protected Ecological Areas – Beyond 45 km.</li> <li>(x) It is not located within 10 km of any Eco Sensitive areas.</li> <li>(xi) Investment/Cost: The total cost of the project is Rs. 4,704.90 crores.</li> <li>(xii) The project was accorded ToR vide letter No. 10-41/2016-IA.III dated 17<sup>th</sup> Aug 2016.</li> <li>(xiii) Public Hearing was held on Jalna district 3<sup>rd</sup> May, 2017 and Aurangabad district 6<sup>th</sup> May 2017.</li> <li>(xiv) Benefits of the project: <ul style="list-style-type: none"> <li>a. Implementation of entire project will ensure fast and safe road traffic movement, reducing travel time to half by achieving speed of 150km/hour for motor vehicles.</li> <li>b. Creation of commercial nodes for multiple development mainly in industrial, commercial, agricultural, tourism sectors resulting in to employment generation, capacity building as well as connectivity between industrial places like Butibori, Amravati, Jalna, Chikalthana, Shendra, Waluj, Sinnar to Mumbai, and tourist and religious places at Karanja, Lonar, Sindkhedraja, Verul, Shirdi.</li> <li>c. Development of all three regions; Kokan, Marathwada and Vidarbha of the Maharashtra state.</li> </ul> </li> </ul>
<b>3.3.2</b>	<p>During the deliberation, the Committee noted the following:</p> <ul style="list-style-type: none"> <li>(i) The proposal is for grant of Environmental clearance for development of Access Controlled Nagpur-Mumbai Expressway from Nhava village, Jalna Taluka, Jalna District (Border) to Surala village, Vaijapur Taluka, Aurangabad District (Border) Package III in Aurangabad Division of 155 km length in the state of Maharashtra) by M/s Maharashtra State Road Development Corporation Limited.</li> <li>(ii) Submission of certificate from QCI/NABET as Accredited EIA consultant organization who prepared EIA/EMP report of above project and self</li> </ul>

	<p>declaration of EIA consultant organization and experts involved in preparation of EIA/EMP report.</p> <ul style="list-style-type: none"> <li>(iii) NOC from Archaeological survey of India as the proposed project site falls within 1.5 km to 7 km from Archaeological Monuments.</li> <li>(iv) Justification of the choosing alignment options of the project not addressed properly in chapter-5 of EIA/EMP report.</li> <li>(v) There is a discrepancy in EIA/EMP report regarding diversion of agriculture land area in Ha.</li> <li>(vi) Culverts to be constructed and designed based on the hydrological study and animals crossing paths. Wildlife Institute of India to be approached to provide locations of animal crossings if any in the proposed alignment. In case of presence of wildlife corridor/crossings in the region appropriate safeguard measures and mitigation plan to be developed by Wildlife Institute of India.</li> <li>(vii) Air modeling details to be furnished in tabular form like Baseline values, incremental values due to prediction and total values at all air monitoring stations.</li> <li>(viii) Noise modeling details to be furnished in tabular form like Baseline values, incremental values due to prediction and total values at all noise monitoring stations.</li> <li>(ix) Details traffic density study to be carried out with its impact due to proposed industrial area.</li> <li>(x) Status of Forest clearance for 26.877 ha Forest land involved.</li> <li>(xi) Details of public hearing issues raised, commitments made by project proponent during public hearing and also time bound action plan for implementation of same along with fund provision.</li> <li>(xii) Details of CSR activities proposed along with budget provision with special emphasis on water conservation and ground water rejuvenation considering that the area is drought prone region.</li> <li>(xiii) Green belt/afforestation along the proposed road must be developed using only native species of plants. No exotic species to be used. List of native species can be procured from local forest department or Botanical Survey of India (BSI).</li> </ul>
<p><b>3.3.3</b></p>	<p>The proposal was accepted in principle considering the larger public interest. However the project proponent was advised to send clarifications and plans on above observations (points 3.2.2.ii to 3.2.2.xii) for further consideration for granting of Environmental clearance.</p>

<b>3.4</b>	Industrial Estate project at Dharuhera, District-Rewari, Haryana by M/s Haryana State Industrial & Infrastructure Development Corporation - <b>Environmental Clearance</b> – [IA/HR/MIS/67201/2015] [F. No. 21-37/2015-IA.III ]
<b>3.4.1</b>	<p>The project proponent made a presentation along with EIA Consultant Grass Roots Research Creation India Pvt. Ltd., Noida and provided the following information to the Committee:</p> <ul style="list-style-type: none"> <li>(i) The proposal is for the development of Industrial Estate project at village Kapriwas, Malpura, Ghatal Mahniawas, Dharuhera, District Rewari, Haryana by M/s Haryana State Industrial &amp; Infrastructure Development Corporation (HSIIDC).</li> <li>(ii) The project is located at 28°22'00" N Latitude and 76°78'0" E Longitude.</li> <li>(iii) The size of the project is 174.99 ha (432.40 Acres).</li> <li>(iv) The total water requirement is the facility is 9087 KLD and the same will be met by the 4499 KLD Recycled Water. During construction phase water demand fulfil by Municipal Corporation and after construction water will be drawn from NCR channel.</li> <li>(v) The quantity of wastewater generated will be (4577 KLD) will be treated in 1 STP of total 5 MLD capacity. 4500 KLD of treated wastewater will be recycled (for flushing 1853 KLD for 2647 KLD gardening).</li> <li>(vi) About 40.698 TPD solid waste will be generated in the project. The biodegradable waste (about 2 TPD) will be processed in OWC and the non-biodegradable waste generated (about 7 TPD) will be handed over to authorized local vendor.</li> <li>(vii) The total power requirement during construction phase is about total power requirement during cooperation phase is 45 KVA and will be met from Haryana Vidyut Parsaran Nigam Ltd. (HVPNL).</li> <li>(viii) Parking of about 7.46 ha is provided for the heavy industrial trucks and heavy vehicles.</li> <li>(ix) It is not located within 10 km of any Eco Sensitive areas.</li> <li>(x) Project was located within 0.8 km of inter state boundary(Haryana-Rajasthan states)</li> <li>(xi) Investment/Cost: The total cost of the project is Rs. 563.93 Crores.</li> <li>(xii) The project was accorded ToR vide letter no. 21-37/2015-IA.II dated 18<sup>th</sup> June, 2015.</li> <li>(xiii) Public Hearing was held on 20<sup>th</sup> October, 2016 at village Kapriwas, Malpura and Ghatal, Mahnaiwas, Dharuhera, Rewari, Haryana.</li> </ul>

	<p>(xiv) Total employment generation is about 40,000 persons.</p> <p>(xv) Benefits of the project: The project will create direct and indirect employment opportunities and boost economic development of the State.</p> <p>(xvi) No forest land is involved in the project.</p> <p>There are no court cases pending with the project proponent.</p>
<p><b>3.4.2</b></p>	<p>During the deliberation, the Committee noted the following:</p> <ul style="list-style-type: none"> <li>(i) The proposal is for the development of Industrial Estate project at village Kapriwas, Malpura, Ghatal Mahniawas, Dharuhera, District Rewari, Haryana by M/s Haryana State Industrial &amp; Infrastructure Development Corporation (HSIIDC).</li> <li>(ii) Submission of certificate from QCI/NABET as Accredited EIA consultant organization who prepared EIA/EMP report of above project and self declaration of EIA consultant organization and experts involved in preparation of EIA/EMP report.</li> <li>(iii) Proponent has not submitted List of A category and B category industries as per EIA notification, 2006 to be housed in industrial area.</li> <li>(iv) No clarity regarding water requirement and utilization details for proposed industrial area.</li> <li>(v) Discrepancies in the proposed green belt area in EIA/EMP report and presentation made.</li> <li>(vi) Undertaking from proponent to not to augment any ground water.</li> <li>(vii) Permission letter for water allocation from NCR channel, HUDA.</li> <li>(viii) Air modeling details to be furnished in tabular form like Baseline values, incremental values due to prediction and total values at all air monitoring stations.</li> <li>(ix) Noise modeling details to be furnished in tabular form like Baseline values, incremental values due to prediction and total values at all noise monitoring stations.</li> <li>(x) Baseline Air quality values are more than the prescribed standards and comprehensive mitigation plan to be prepared to control air pollution due to proposed Industrial area to bring down the air quality parameters within prescribed limits.</li> <li>(xi) Baseline health status within 5 km and 10 km radius of proposed industrial area to be furnished as present air quality values are more than prescribed standards.</li> </ul>

	<p>(xii) Details of public hearing issues raised, commitments made by project proponent during public hearing and also time bound action plan for implementation of same along with fund provision.</p> <p>(xiii) Details of CSR activities proposed along with budget provision.</p>																																									
<b>3.4.3</b>	Hence the proposal was deferred for want of above information and more clarity on EAC observations																																									
<b>3.5</b>	Development of SEZ for Pharmaceutical and Chemical manufacturing units intake and outfall and for desalination plant at Narasapuram village, Nakkapalli Mandal, Visakhapatnam District (Andhra Pradesh) by M/s Hetero Infrastructure SEZ Ltd. – <b>Extension of validity of Environment Clearance &amp; CRZ Clearance</b> - [IA/AP/MIS/21165/1910] [F.No.21-641/2007-IA.III]																																									
<b>3.5.1</b>	<p>The project proponent made a presentation along with EIA Consultant Team Labs Limited, Hyderabad and provided the following information to the Committee:</p> <p>(i) The proposal is for the Development of SEZ for Pharmaceutical and Chemical manufacturing units intake and outfall and for desalination plant at Survey. No. 215, 286/1, 286/2, 283/1, In CH. Lakshmi Puram, 312/1 to 312/5, 312/10 to 312/12, 313/1 to 313/7 of Rajaiahpet, 19 (Part) In PeddaTeernala, 117/1 to 117/3, 119/1,119/2, 120/1, 120/2, 125, 126, 129/1 to 129/9, 138, 142, 150, 512 at N. Narsapuram Village, Nakkapally Mandal, Visakhapatnam District, Andhra Pradesh by M/s Hetero Infrastructure SEZ Ltd.</p> <p>(ii) The project is located at the intersection of longitude 83<sup>0</sup>39'25"(E) and latitude 18<sup>0</sup>08'21" (N).</p> <p>(iii) The size of the project is 138.51 ha.</p> <p>(iv) Solid waste management details.</p> <table border="1"> <thead> <tr> <th>Sl. No</th> <th>Description</th> <th>Unit</th> <th>Quantity</th> <th>Mode of Disposal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Organic Residue</td> <td>TPD</td> <td>10.14</td> <td rowspan="3">Sent to Cement Plants for Co-processing</td> </tr> <tr> <td>2</td> <td>Solvent Residue</td> <td>TPD</td> <td>3.2</td> </tr> <tr> <td>3</td> <td>Spent Carbon</td> <td>TPD</td> <td>2.515</td> </tr> <tr> <td>4</td> <td>Process - Inorganic Waste</td> <td>TPD</td> <td>3.408</td> <td rowspan="3">Sent to TSDF, Parawada, Visakhapatnam</td> </tr> <tr> <td>5</td> <td>Evaporation Salts</td> <td>TPD</td> <td>0.77</td> </tr> <tr> <td>6</td> <td>ETP Sludge</td> <td>TPD</td> <td>0.4</td> </tr> <tr> <td>7</td> <td>Detoxified Containers &amp; Liners of Hazardous Waste and Hazardous Chemicals</td> <td>No./ Month</td> <td>1530</td> <td>After complete detoxification sent to outside agencies</td> </tr> <tr> <td>8</td> <td>Used Oil</td> <td>LPM</td> <td>450</td> <td>Sent to authorized agencies</td> </tr> </tbody> </table>	Sl. No	Description	Unit	Quantity	Mode of Disposal	1	Organic Residue	TPD	10.14	Sent to Cement Plants for Co-processing	2	Solvent Residue	TPD	3.2	3	Spent Carbon	TPD	2.515	4	Process - Inorganic Waste	TPD	3.408	Sent to TSDF, Parawada, Visakhapatnam	5	Evaporation Salts	TPD	0.77	6	ETP Sludge	TPD	0.4	7	Detoxified Containers & Liners of Hazardous Waste and Hazardous Chemicals	No./ Month	1530	After complete detoxification sent to outside agencies	8	Used Oil	LPM	450	Sent to authorized agencies
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9	Spent Solvent	KLD	420.59	Recycled within the process
10	Recovered Solvents	KLD	116.81	
11	Biodegradable Waste (Garbage)	TPD	0.5	Biodegradable waste sent to OWS followed by composting, Non biodegradable shall be sent to land fill within estate
12	Biomedical Waste	Kg/day	20	Common Biomedical Waste Treatment Facility at Visakhapatnam.

(v) Storm water storage tank of 1.8 Lakh KL capacity is provided.

(vi) Parking area of 4.04 ha provided.

(vii) The proposal is for extension of validity of Environmental and CRZ Clearance of Development of SEZ for Pharmaceutical and Chemical manufacturing units intake and outfall and for desalination plant.

### 3.5.2

During deliberations, the committee noted the following:

(i) The Ministry granted Environmental and CRZ Clearance to the project vide letter No. F.No. 21-641/2007-IA. III dated: 25.10.2010 with its validity of five years for Development of SEZ for Pharmaceutical and Chemical manufacturing units intake and outfall and for desalination plant.



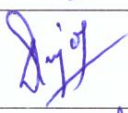

(ii) Proponent has submitted status of project implementation as given below:

Sl. No.	Facilities	As per EC	Installed
1	No. of Plots	17	9 plots occupied with 3 units, In operation
2	Infrastructure of plots, roads, drainage, sewerage lines, electrical and communication system, storm water storage tank		Completed
3	Boilers	132 TPH	87 TPH
4	DG Sets	9660 KVA	6710 KVA
5	Common Effluent Treatment Plant (CETP)	Commissioned	
6	Marine Outfall System	Commissioned	
7	Storage Facilities	Commissioned	
8	Hazardous Waste Storage Yard	Commissioned	
9	Solvent Recovery System	Commissioned	
10	Fire Safety Facilities and Fire Tender	Operational	

(iii) The Ministry's notification dated 29<sup>th</sup> April, 2015 regarding extension of validity for EC for such projects from five to seven years is fairly

	<p>applicable in the instant case. Again in terms of same notification dated 24<sup>th</sup> April, 2015, the validity can be extended for a further period of three years as per Ministry's notifications dated 29<sup>th</sup> April, 2015 and 31<sup>st</sup> August, 2017.</p> <p>(iv) The proponent has applied for validity extension of EC on 7<sup>th</sup> August, 2017 well before the expiry of the validity of existing EC.</p>
<b>3.5.3</b>	In view of above mentioned rule position, the EAC recommended to extend the validity of the Environmental and CRZ Clearance to the above project for next three years, <i>i.e.</i> , from 26 <sup>th</sup> October 2017 to 25 <sup>th</sup> October 2020.

List of the Members attended 176<sup>h</sup> meeting of Expert Appraisal Committee for Projects related to Infrastructure Development, Industrial Estate and Miscellaneous projects to be held on 8<sup>th</sup> September 2017 and approved the above minutes.

Sl.no	Name of the EAC member	Role/Designation	Signature
1.	Dr. Deepak Arun Apte, Director, Bombay Natural History Society (BNHS)	Chairman	
2.	Dr. Anuradha Shukla, Central Road Research Institute (CRRI), Mathura Road, New Delhi	Member	
3.	Dr. D. Chakraborty, Scientist, CGWA, New Delhi	Member	
4.	Shri Raghu Kumar Kodali, Scientist F, Ministry of Environment, Forest and Climate Change	Member Secretary	
5.	Dr. Ashish Kumar, Joint Director, Ministry of Environment, Forest and Climate Change,	Special invitee	