

**Minutes of the 291<sup>st</sup> meeting of Expert Appraisal Committee held on 10<sup>th</sup> March, 2022 through Video Conferencing for the projects related to Infrastructure Development, all Ship breaking yards including ship breaking units 7(b); Industrial Estate/Parks/Complexes/Areas, Export Processing Zones, Special Economic Zones, Biotech Parks, Leather Complexes 7(c); Ports, harbors, breakwaters, dredging 7(e) and National Highways 7(f)**

The 291<sup>st</sup> Meeting of Expert Appraisal Committee (EAC) of Infra-1 (IA-III) was held through Video Conferencing at the Ministry of Environment, Forest & Climate Change (MoEF&CC), Indira Paryavaran Bhavan, New Delhi during **10<sup>th</sup> March, 2022** under the Chairmanship of Dr. Deepak Arun Apte. A list of participants is annexed as **Annexure-A**.

**1. OPENING REMARKS OF THE CHAIRMAN**

At the outset, Dr. Deepak Arun Apte, Chairman, EAC welcomed the Members of the EAC and requested Shri Amardeep Raju, the Member Secretary of the EAC to initiate the proceedings of the meeting with a brief account of the activities undertaken by the Ministry under Infra-1 Division.

**2. CONFIRMATION OF THE MINUTES OF THE LAST MEETING**

The Committee confirmed the Minutes of 289<sup>th</sup> EAC meeting held on 17<sup>th</sup> – 18<sup>th</sup> February, 2022 with the following amendment-

<b>Agenda No. 3.4</b>			
Installation of Mechanised Handling facilities at General-cum-Bulk Cargo Berth in the outer Harbour of Visakhapatnam Port Trust, Andhra Pradesh by M/s Visakhapatnam Port Trust - Amendment in Environmental and CRZ Clearance [Proposal No. IA/AP/NCP/254532/2022 and File No. 10-9/2009-IA.III]			
<b>S. No.</b>	<b>Ref. in MOM</b>	<b>Details mentioned in MOM</b>	<b>Correction to be incorporated</b>
<b>1.</b>	Para 3.4.3	“from Eastern Stack yard for 50% of terminal capacity of existing configuration 10.18 MMTPA”.	<b>May be read as:</b> “up to 2.5 MMTPA of terminal capacity (10.18 MMTPA) from Eastern Stack yard.”
<b>2.</b>	3.4.4 (01)	“Considering limiting options of import of coal and for future business, VPT has decided to handle multiple Import - export bulk cargo within existing facility. The bulk cargos that can be	<b>May be read as:</b> “This mechanical handling system shall comprise of <u>Multi Cargo Import-Export handling within the existing capacity of 10.18 MMTPA of cargo</u> transported by rail and/or road. (upto 2.5 MMTPA of multi-cargo transportation by Road)”

		<p>handled using existing facility are given as under:</p> <ul style="list-style-type: none"> <li>➤ All Kinds of Coal</li> <li>➤ Iron ore Fines/Pellets</li> <li>➤ Manganese/Chromium Ore</li> <li>➤ Bauxite</li> <li>➤ Met/Pet/CP Coke</li> <li>➤ Gypsum/Bentonite</li> <li>➤ Limestone</li> <li>➤ Aluminum/Iron/Steel</li> </ul> <p>(Export)”</p>							
<b>3.</b>	3.4.4 (02)	<p>“The existing Mechanical Handling System at the existing general cargo berth in the outer harbour will continue for Multi Cargo Import – Export Terminal with total handling of 10.18 MMTPA material at General – Cum – Bulk Cargo Berth in the Outer Harbour.</p> <p>Only during breakdown of mechanized handling system or difficulty in handling bulk materials due to high moisture/flowability issues, maximum upto 0.3-0.5 MMTPA will be moved from berth to stackyard by trucks.”</p>				<p><b>May be read as:</b></p> <p>“The mechanical handling system at the existing general cargo berth in the outer harbour for Multi Cargo Import-Export handling (covering All Kinds of Coal, Iron ore Fines/Pellets, Manganese/Chromium Ore, Bauxite, Met/Pet/CP Coke, Gypsum/Bentonite, Limestone, Aluminium/Iron/Steel) shall comprise of ship loading and unloading system, stackers, reclaimers, wagon loading system, a system of conveyors, loading of trucks / trailers with payloaders, cranes and transportation by rail and/or road from Eastern Stackyard as well as from VPT Storage Shed to the Berth.</p> <p>Only in case of difficulty in handling bulk materials due to high moisture/flowability issues, maximum upto 0.5 MMTPA will be moved from berth to stackyard by covered trucks.”</p>			
<b>4.</b>	3.4.5	S. No.	Plant / Equipment / Facility	Existing Configuration	Final Configuration after amendment	<p><b>May be read as:</b></p>			
						S. No.	Plant / Equipment / Facility	Existing Configuration	Final Configuration after amendment

		2. Stacker Cum <u>Reclaimers</u>	<u>2</u> Numbers	2 Numbers	2. Stacker Cum <u>Reclaimer</u> s	<u>2</u> Number	2 Numbers
		4. In – motion Rail Weigh Bridge	<u>1</u> Number	<u>1</u> Number	4. In – motion Rail Weigh Bridge	<u>2</u> Number	<u>2</u> Number
		10. Ground level Conveyor s in the stackyard area	<u>800</u> meters	<u>800</u> meters	10. Ground level Conveyors in the stackyard area	<u>1600</u> meters	<u>1600</u> meters
<b>5.</b>	3.4.8	“change in the existing handling multi cargo and mechanized Coal Handling Import terminal to ....”			<b>May be read as:</b> “change in the existing mechanized Coal Handling Import terminal to .....”		
<b>6.</b>	3.4.11	“... for transportation of coal/cargo through road up to 2.5 MMTPA of terminal capacity (10.18 MMTPA) from Eastern stack yard as stated....”			<b>May be read as:</b> “.... for Multi-Cargo Import–Export with total handling of 10.18 MMTPA of cargo, as stated ....”		

### AGENDA WISE CONSIDERATION OF PROPOSALS:

Agenda wise details of proposals discussed and decided in the meeting are as following:

#### Agenda No.3.1

**Development of Payal Industrial Park at Villages Pakhajan, Pipaliya & Vahiya, Taluka Vagra, District Bharuch, Gujarat by M/s Payal Properties Pvt. Ltd. – Environmental Clearance**

**[Proposal No. IA/GJ/NCP/225979/2021 and File No. 10/39/2021-IA.III]**

*“The EAC noted that the Project Proponent and the consultant have given undertaking that the data and information given in the application and enclosures are true to the best of their knowledge and belief and no information has been suppressed in EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.”*

3.1.1. The abovementioned proposal was placed before the EAC in its 291<sup>st</sup> meeting on 10<sup>th</sup> March, 2022. The project proponent along with the EIA Consultant M/s Aqua-Air Environmental Engineering P. Ltd made a presentation through Video Conferencing and provided the following information: -

3.1.2. The proposed project is for Development of Payal Industrial Park at Villages Pakhajan, Pipaliya & Vahiya, Taluka Vagra, District Bharuch, Gujarat. The total area of the project is 1422.10 Ha (3514 Acres). At PCPIR, Dahej, Payal Properties Pvt. Ltd. is proposed to establish a Payal Industrial Park, 28 km from Bharuch in Gujarat. PCPIR Dahej has already obtained Environment Clearance vide letter No 21-49/2010-IA-III dated 14<sup>th</sup> September, 2017. The proposed industrial Park will be home to 10 different types of industrial units, for manufacturing and/or R&D.

3.1.3. ToR was granted vide letter No.10-39/2021-IA-III dated 30.11.2021 during the 278<sup>th</sup> EAC meeting held on 27<sup>th</sup> - 28<sup>th</sup> October, 2021.

3.1.4. The proposed project falls under 7 (c) Industrial Park, Cat - A as per EIA notification 2006, and its subsequent amendments. Total Project Cost is Rs. 1044.92 Cr.

3.1.5. Geo coordinates of the project site Latitude 21°46'52.95"N, Longitude 72°45'3.89"E. The co-ordinates of proposed park are as shown in below table:

S. No.	Latitude	Longitude
1	21°47'26.15"N	72°42'22.25"E
2	21°46'42.81"N	72°42'36.20"E
3	21°46'33.60"N	72°43'15.03"E
4	21°46'23.06"N	72°43'39.77"E
5	21°46'14.10"N	72°45'6.45"E
6	21°46'4.01"N	72°46'6.53"E
7	21°46'21.93"N	72°47'3.17"E
8	21°46'48.59"N	72°47'19.21"E
9	21°47'15.35"N	72°46'55.41"E
10	21°47'26.40"N	72°45'31.75"E
11	21°47'17.20"N	72°44'42.52"E
12	21°47'15.27"N	72°44'10.85"E
13	21°47'39.66"N	72°43'42.11"E
14	21°47'50.43"N	72°43'31.50"E

3.1.6. Land use /Land cover of project site is as following:

S. No.	Particulars	Area (Ha)	%	Remarks
1	Industrial plots area	1055.62	74.23	
2	Common facilities			
	CETP	20.55	1.44	Capacity: 50 MLD
	Common TSDF	7.66	0.54	Capacity: 1500000 MT

	Common MEE	2.63	0.18	Capacity: 0.5 MLD
3	Utility Plots	28.44	2.00	
4	Utility Corridor	9.34	0.66	
5	Roads	175.08	12.31	
6	Day Care Centre	2.36	0.17	
7	Green belt	100.72	7.08	Member industries of proposed park shall develop 26% green belt individually.
8	Others (ONGC Well)	1.70	0.12	
9	Others (Water body)	18.01	1.27	
	<b>Total</b>	<b>1422.10</b>	<b>100.00</b>	

3.1.7. Land use pattern over around 10 km radius of project site:

S. No.	Land use/Land cover	Area (ha)	Area (%)
1	Agriculture	25746.0	81.9
2	Industrial	1430.5	4.6
3	Residential Area	521.1	1.7
4	Saltpan	151.8	0.5
5	Scrubland	2302.0	7.3
6	Water body	1282.7	4.1
	<b>Total</b>	<b>31434.1</b>	<b>100.0</b>

3.1.8. List of industries to be housed with: Types of industries expected to be established in proposed Industrial Park are as following:

S. No.	Nature of Industry	Sector No. as per EIA Notification	Sector No. as per NABE T	As per Zoning Atlas	Area (Ha)	No. of units	Production , MT/month
1	Chlor-Alkali Industry	4(d)	13	A1, W1	81	02	190000
2	Fertilizer Industry	5 (a)	16	A1, W1	81	27	144000
3	Agro Chemical	5 (b)	17	A1, W1	81	27	160000
4	Petrochemical	5(e)	18	A1, W1	61	07	50000
5	Textile	5(d)	19	A1, W1	61	07	75000
6	Dyes & Dyes Intermediate	5(f)	21	A1, W1	637	40	1004000
7	Pigment & Pigment Intermediates					47	
8	Synthetic Organic Chemicals Industry					38	
9	Speciality Chemical					25	

10	Polymer Industry					33	
11	Inorganic Chemical	-			54	18	
	<b>Total</b>				<b>1056</b>	<b>271</b>	<b>1623000</b>

3.1.9. Water Bodies & impact on Drainage: There are 11 natural ponds within proposed industrial park premises. Rain is the only source of water in the pond. Villagers are not using water from these natural ponds. It shall be used as park reservoir and shall be maintained by project proponent. Thick green belt around these natural ponds shall be developed. The source of water supply shall be from GIDC Bharuch. There shall not be any use of surface water and ground water during operation of the park. There shall not be any impact on drainage. Thick green belt is proposed to be developed around the natural ponds. The big water body with 15 m thick green belt and small water bodies having 8-9 m thick green belt is proposed. There shall not be any treated effluent discharge on land. Hence, there won't be any impact on drainage. Sizes of water bodies present in Payal industrial park are as shown in below table.

<b>Water Body</b>	<b>Plot Area (Ha)</b>	<b>Plot Area (Acres)</b>
WB-1	2.946	7.28
WB-2	1.367	3.38
WB-3	0.234	0.58
WB-4	0.558	1.38
WB-5	10.392	25.68
WB-6	0.420	1.04
WB-7	0.214	0.53
WB-8	0.441	1.09
WB-9	0.692	1.71
WB-10	0.428	1.06
WB-11	0.311	0.77
<b>Total</b>	<b>18.008</b>	<b>44.50</b>

3.1.10. Water requirements: Approx. 92 MLD raw water shall be required. The water source is GIDC water supply. Surface water from water bodies within park will be used for green belt development around the water bodies. In future whenever water demand increases, the additional water shall be provided by GIDC (Nodal agency) as and when required. NOC from GIDC, Bharuch is obtained vide letter No. GIDC/SE/CG/BRH/887, dated 07.10.2019. There shall not be any use of ground water during operation of park.

3.1.11. Waste water Management: **Domestic effluent:** Individual member industry shall discharge the sewage in a common STP through dedicated drainage line. The treated water from STP shall be used for gardening within the industrial park and gardening within the premises of member industries. CETP of 50 MLD capacity shall be provided. The proposed CETP shall be expanded in a phased manner in accordance with the development in the industrial park. A common treatment facility for concentrated effluent (high COD high TDS effluent stream) MVR, MEE + ATFD, Spray dryer of 0.5 MLD capacity shall be provided. The treated effluent from CETP confirming GPCB/Marine discharge norms shall be discharged into Dahej-3 pumping station. From Dahej-3 pumping station the treated effluent shall be further sent to final pumping station through GIDC drainage pipeline and finally disposed to sea through pipeline. GIDC has obtained CRZ clearance for the disposal of treated effluent in Arabian Sea.

3.1.12. Public hearing: As per existing regulatory provisions, Public Hearing is exempted for “all projects or activities located within industrial estates or parks (item 7(c) of the schedule) approved by the concerned authorities and which are not disallowed in such approvals.” The proposed project is within PCPIR, Dahej. PCPIR, Dahej has already obtained environment clearance as well as forest clearance. Therefore, PH is exempted.

3.1.13. Tree cutting and Green Belt Development: There shall not be any tree cutting for the proposed park. Total 1422.10 Ha land area is available at site, out of this 100.72 Hectares (7.08%) area will be developed as greenbelt. In addition to this, the member industries of the proposed industrial park shall develop 26 % green belt within their factory premises and on periphery of the factory. As a park developer along with the Member industries jointly, 33% green belt in each phase of development of the park shall be done. The Green belt development plan is prepared in consultation with Gujarat Institute of Desert and Ecology (GUIDE) for the species to be planted.

Six-year green belt development plan:

Year	Acres	m <sup>2</sup>	Ha	No. of Trees	Cost, Rs. Crore
2021-2022	41.11	166638	16.64	24960	3.5
2022-2023	41.11	166638	16.64	24960	3.5
2023-2024	41.11	166638	16.64	24960	3.5
2024-2025	41.11	166638	16.64	24960	3.5
2025-2026	41.11	166638	16.64	24960	3.5
2026-2027	41.11	166638	16.64	24960	3.5
<b>Total</b>	<b>246.66</b>	<b>999828</b>	<b>99.84</b>	<b>149760</b>	<b>21</b>

3.1.14. Diversion of forest land: There is no involvement of diversion of forest land. The proposed project is within PCPIR, Dahej. PCPIR Dahej has already obtained Environment clearance as well as Forest clearance

3.1.15. There is no National Parks, Sanctuaries and Tiger Reserves, Eco-Sensitive Zone (ESZ) or Eco-Sensitive Area (ESA) notified by the MoEF&CC within 10 km of proposed project site.

3.1.16. Land acquisition and R&R issues: PCPIR, Dahej (Total area of 453 sq. km) has allotted 144 sq. km land for Petroleum & Petrochemical industries, 116 sq. km land for GIDC & 126 sq. km land for residence. The proposed Payal Industrial Park (by Payal Properties Pvt. Ltd) falls in industrial earmarked area (144 sq. km) within PCPIR, Dahej. There is no R&R issues in the proposed project.

3.1.17. Rain Water Harvesting: The member industries proposed to develop rain water harvesting system by using rain water from non-process buildings and roof top water of all other buildings. Adequate rain water collection tank shall be provided for collection of rain water. Total 50% of total raw water requirement shall be sufficed by rain water by providing rain water harvesting system. Rain water harvesting shall be utilized in phase wise i.e., 20% in first year, 30% in second year and up to 50%. Rain water shall be used after proper pre-treatment if required. All storm water drains will be routed such as to reach extreme corner of

site & then shall harvest the same to a collection tank.

3.1.18. Employment Potential: There will be 200-250 manpower for management of park, which shall be mostly hired locally. The manpower requirement for the proposed project is expected to generate some permanent jobs and secondary jobs for the operation and maintenance of industries. This will increase direct / indirect employment opportunities for around 32000 persons. This phase is expected to create a beneficial impact on the local socio-economic environment in the vicinity.

3.1.19. Benefits of the Project: There project provides socio economic benefit to the locals by providing both indirect employment and direct employment during construction and operation phase of the proposed project. There will be positive impact on social conditions in and around the site due to the Industrial Area.

3.1.20. Details of Court cases: No court case is pending against the proposed project.

3.1.21. Studies carried out for the project as per the ToR:

- Zoning of proposed Payal Industrial Park as per CPCB's Zoning Atlas Guidelines.
- Biodiversity study for Biodiversity conservation plan
- Green belt development plan is prepared in consultation with Gujarat Institute of Desert Ecology (GUIDE).

3.1.22. The EAC, taking into account the submission made by the project proponent, had a detailed deliberation in its 291<sup>st</sup> meeting and **deferred** the proposal for the want of the following information alongwith documents:

- i. *There is no full utilization of water as it appears from the Water Balance Chart. Which is also it very confusing. Water balance data should be re-visited and revised.*
- ii. *There is huge discharge of industrial effluents in the Arabian Sea. Almost 60 % (50 MLD out of 92 MLD) waste water is proposed be discharged into the Sea. The Industrial complex shall explore to achieve Zero Liquid Discharge. A detailed management plan for the utilization of treated effluent be submitted accordingly.*
- iii. *Total green belt area and percentage of green belt development be revised in accordance to the PCPIR norms for Green belt and OM issued by the MoEFCC. Accordingly, the capital cost for green belt development be revised*
- iv. *Industry zoning with colour code alongwith distance of individual industry and nearby village with their population should be disclosed properly.*
- v. *Appropriate air pollution control measures have to be taken as per Seasonal Wind rose.*
- vi. *The PP has to ensure in writing as well as supported with state of art air modeling data that no plume carrying toxic material/aerosols will disperse in the village direction.*
- vii. *Total cost for health and safety measures be revised, since Rs. 25 Lakhs for about 32000 peoples is a meager amount and considering extremely toxic nature of products and by-products of the proposed industrial estate.*
- viii. *Detailed plan along with financial allocation for infrastructure for nearby Govt.*



*health center/hospital be submitted and stated and accordingly EMP allocations should be revised.*

- ix. *Total cost for firefighting system should be revised significantly considering very meager allocation in the current EMP budget and highly inflammable nature of some of the products and by-products.*
- x. *Complete disaster management/mitigation plan should be detailed out.*
- xi. *The proposed industrial park comprises of highly polluting industries; hence Health care center/Risk Assessment study/ Hazardous Management Study/Safety study/Mitigation measures be mandatorily carried out. Independent health care center or strengthening and modernization of existing government health care centers in the vicinity of the project has to be undertaken not only for the work force of the industrial estate but also for the people around the industrial park.*
- xii. *Based on the above comments (sr. no i to xii) EMP and its cost has to be revised accordingly.*

### **Agenda No. 3.2**

**Development of Industrial Growth Centre, Saha Phase-II, District Ambala, Haryana by M/s Haryana State Industrial & Infrastructure Development Corporation Ltd. (HSIIDC) – Further consideration for Environmental Clearance [Proposal No. IA/HR/NCP/76611/2013 and File No. 21-3/2013-IA.III]**

*“The EAC noted that the Project Proponent and the consultant have given in the application and enclosures are true to the best of their knowledge and belief and no information has been suppressed in PFR/DPR/Form-1/Annexure-III. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and ToR/Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.”*

3.2.1. The abovementioned proposal was considered in the earlier 214<sup>th</sup> EAC (Infra-1) meeting of Expert Appraisal Committee held on 26<sup>th</sup> April, 2019. The proposal was deferred for the want of additional information/documents.

3.2.2. At this instance, the aforementioned proposal was further placed before the EAC during 291<sup>st</sup> meeting on 10<sup>th</sup> March, 2022. The project proponent along with the EIA consultant M/s Grass Roots Research and Creation India (P) Ltd, has made a presentation through Video Conferencing and provided the following information.

<b>Query raised during 214<sup>th</sup> meeting during 26<sup>th</sup> April, 2019 and its reply</b>		
<b>S. No</b>	<b>Query raised</b>	<b>Reply by PP</b>
i	Proponent needs to upload, on Ministry's web portal, PARIVESH, all the desired	Reply to the queries with requisite permissions and annexures have been uploaded on PARIVESH portal.

	documents including copies of TOR extension letter, water permission letter, power agreement, traffic density study report, document in support of competence/authority and readable PH advertisement.	
ii	Specific information related to Phase-II of the project besides mentioning information for entire project, so as to understand comparative statements of various features as well as different kind of requirements of the project. Also provide information about expected number of employment to be generated by this project.	Specific information related to phase-II is provided. The expected number of employment is 2000 for phase-II. Specific information's related to phase-II are given in Chapter-2 of EIA report. Item no. 2.5, Page no.14.
iii	Details about water requirement and water balance for Phase-II of the project as contradictory information is given in Form-1 and Form-2 of the application and EIA/EMP report. The water balance to be submitted for Phase-II only and not the combined Phase-I&II.	Revised water balance for phase-II is given in chapter 2 of EIA report. Item no. 2.10, Page no.17-18. Revised Form 1, Form 2 are attached.
iv	The area is categorized as over-exploited and no clearance for ground water abstraction is being accorded for any new project in Over Exploit and Critical areas. The project proponent should opt for use of surface water and necessary permission in this regard to be submitted.	<ul style="list-style-type: none"> <li>As per EAC suggestions, we applied for surface water and due to non-availability of Surface water, we received a regret letter vide no. 4062-63/1-W/NGL dated 11/06/2020 for no canal system nearby Saha village from Superintending Engineer, SYL-WS Circle, Ambala, Haryana. Copy of the same is attached as Annexure-III.</li> <li>We, also have applied for Ground water extraction vide application no.-HWRA/INF/N/2021/87 dated 24th Feb., 2022. To Haryana Water Resources Authority, Govt. of Haryana.</li> </ul>
v	Combined ETP of Phase-I & II cannot be accepted.	<ul style="list-style-type: none"> <li>Existing capacity of CETP is 5 MLD for Phase-I and we will expand the same to 10 MLD FOR Phase-II after obtaining the Environmental Clearance. All Machineries and tanks are at one place only. It is very difficult to separate it. Site plan showing CETP location is attached as Annexure-VIII.</li> </ul>

		<ul style="list-style-type: none"> <li>Revised water management for phase-II is given in chapter 2 of EIA report. Item no. 2.10, Page no.17-18.</li> </ul>
vi	Final EIA/EMP report incorporating the public hearing commitments (along with fund provision/allocation) made by the proponent to address environmental/ social issues raised by the local people.	Final EIA/EMP report incorporating the public hearing commitments has been uploaded to the PARIVESH Portal. PH details are given in EIA Report. Item no. 7.11-7.12, Page no.128-133.
vii	Status of alternative connecting road as demanded by public during public hearing meeting.	Alternative connecting road will be constructed by HSIIDC during development of Industrial Estate.
viii	Latest status of court cases.	<ul style="list-style-type: none"> <li>Deepak Aggarwal v/s State of Haryana CWP NO. 4371 of 2015 in Supreme Court.</li> <li>Dr. Bharti Madhukar v/s State of Haryana CWP no. 22140 of 2015 in Supreme Court</li> <li>Ramesh Chand and Others v/s State of Haryana CWP No. 1513 of 2015 in Supreme Court.</li> <li>Madhu Aggarwal v/s State of Haryana CWP No. 1796 of 2015 in High Court.</li> <li>Kuldeep Kumar v/s State of Haryana CWP No. 19847 of 2015 2015 in Supreme Court.</li> <li>Mohan Singh v/s State of Haryana CWP No. 4504 of 2015 in Supreme Court.</li> </ul>
ix	Compliance report in respect of TOR conditions including those mentioned in the TOR extension letter.	Compliance report of TOR and TOR extension letter is enclosed as Annexure-I, II & II (a).
x	Details about Agro Industries to be housed within the proposed Industrial Area.	There will be no agro Industry to be housed within the proposed phase-II, IGC, Saha.

3.2.3. The proposed project is for development of industrial growth centre (Industrial Estate), phase-II, Saha, Ambala district, Haryana by Haryana State Industrial & Infrastructure Development Corporation Ltd (HSIIDC) in a total area of about 101.55 Ha (250.94 acres).

3.2.4. ToR was granted vide letter No. 21-03/2013-IA.III dated 26.03.2015 and extension for ToR was sought on 206<sup>th</sup> EAC (24<sup>th</sup> - 25<sup>th</sup> Jan 2019) for a period of one year from 26<sup>th</sup> March 2018 to 25<sup>th</sup> March 2019 (F.No.-21-3/2013-IA.III dated 06/03/2019).

3.2.5. The proposed project falls under 7 (c) Industrial Park, Cat - A as per EIA notification 2006 and its subsequent amendments. Total project cost is Rs.194.55 Cr. PH was conducted on 12 Apr 2018 at Village Saha, Haryana.

3.2.6. Land use/Landover of project site:

S. No	Description	Area	Area (ha)
1	Total Site Area	250.94	101.55
2	Area to be Planned Later	4.25	1.719
3	Net Planned area	246.69	99.83
<b>Land Use</b>			
1.)	Industrial	73.40	29.7
	Area under Industrial plots	73.40	29.7
2.)	Residential	46.84	18.955
a	Area under Residential plots	7.50	3.03
b	Area reserved for housing	22.04	8.91
c	Area reserved for Workers housing	13.37	5.41
d	Area reserved for HSIIDC campus & Staff	3.93	1.59
3.)	Commercial	22.27	9.01
a	Area reserved for Commercial Use	22.27	9.01
4.)	Institutional	8.70	2.30
a	Area reserved for Institutional Use	4.37	1.768
b	Area for Sr. Secondary School	4.08	1.651
c	Area for Nursery School	0.25	0.101
5.)	Utilities	83.84	33.928
a	Area reserved for Public Buildings	8.72	3.528
b	Area reserved for Public Utilities	3.05	1.234
c	Area reserved for Fire station	1.95	0.789
d	Green Belts and Roads	70.12	28.376
6.)	Amenities	3.50	1.416
a	Area for Club & Community Centre	2	0.809
b	Area reserved for Dispensary	1.50	0.607
7.)	Area reserved for R & R Policy & Informal	8.14	3.294
	Total Planned Area	246.69	99.83

3.2.7. Landuse/Landcover around 10 km radius of project site:

Land Use Class	Area (Ha)	Area (sq. km)	Area (%)
Water bodies	7.69	0.0769	0.020
Vegetation	269.64	2.6964	0.689
Settlement	982.97	9.8297	2.513
River with Dry Channel	1255.26	12.5526	3.210
Open land	1076.84	10.7684	2.753
Agricultural land	35,309.82	353.0982	90.285
Open scrub	207.24	2.0724	0.530
<b>Total</b>	<b>39,109.46</b>	<b>391.0946</b>	<b>100%</b>

3.2.8. List of industries to be housed with project site:

- Manufacturing Industries.
- Automobiles industries.
- Mechanical Industries.
- Rubber industry.

- Readymade garments industry
- CETP (5 MLD) – Category B industry
- Other than above mentioned industries will take separate Environment clearance as per EIA notification 2006 and its amendments, and other statutory clearances from the competent authority if required.

3.2.9. Terrain and Topographical Features: The topography represents a flat surface gently sloping from east to west. Max. RL is 279.3 m and Min. RL is 277.4 m. Soil composition is sandy clay loam with pH value ranges from 6.91-7.82, soil is slightly alkaline. The ground configuration represents good surface gradient for efficient drainage system. The average annual rain fall is about 790 millimeters. Though, the area is free from floods.

3.2.10. Water Bodies: Water bodies that are found in and around the proposed project site are given below:

<b>River Name</b>	<b>Direction</b>	<b>Distance</b>
Markanda River	SSE	3.5
Begna Nadi	E	3.8
Dangri Nadi	W	9.1
Baliali Nadi	NNW	13.0

3.2.11. Water Requirement: The total water requirement for the proposed project is 4.70 MLD in which recycle water will be 2.27 MLD. The fresh water demand is 2.43 MLD. The source of water will be ground water. The permission for the ground water is sourced from Haryana Water Resources Authority. (F.No: HWRA/INF/N/2021/87 dated 24/02/2022).

3.2.12. Details of Rain Water Harvesting: - 75 No Recharge well will be constructed in the site.

3.2.13. The project site does not envisage forest land, Eco sensitive zone, Sanctuary or any notified sensitive area by MoEF & CC.

3.2.14. Waste Management: The waste water generated will be treated in 5 MLD CETP and will be reuse. The total solid waste generated 26.9 T/day from residential plots, industrial plots and other areas will be segregated and recyclable material will be sold to government approved vendors. The solid waste will be managed by Solid Waste (Management & Handling), Rules 2016; Hazardous Waste (Management & Handling) Rules 1989 and its amendments.

3.2.15. Treatment Plant: Effluent conveyance system from the member units to CETP are connected through pipeline. CETP of 5 MLD will be proposed for the treatment and all the treated water will be used for the horticulture in green belts, open spaces & road side plantation, flushing in industrial and residential area. Individual industry will setup their own facility for the treatment of domestic sewage.

3.2.16. Tree cutting and Green Belt Development: There shall not be any tree cutting. Green area proposed is 83.57 acre (70.12 acre is green belt+11.53-in Industrial, Residential, Commercial, Institutional, Amenities) (33.82% of net plot area). Green belt development and tree plantation will be done with collaboration of forest department.

3.2.17. Energy conservation: Use of solar photovoltaic systems for street lighting, Maximum use of sunlight, All lighting systems (interiors, external building features such as facades, illuminated roofs, architectural features, and building grounds) will be in conformance to the

ECBC Code.

3.2.18. Land acquisition and R&R Issues: Approx. 13,300 persons for R&R. Royalty of INR 3.49 Cr. is being provided to farmer's/land owners for the proposed project.

3.2.19. Employment Potential: The project provides employment for local people in and around the project settlement. Total 2000 persons will be employed in this project.

3.2.20. Benefits of the project: Constructing Industrial Estates encourages local investors and foreign companies to invest in this country. Investors are not forced to go through a complicated process that can last years in developing countries (searching a suitable land, getting the necessary permissions from the concerning authorities, constructing infrastructure and get necessary services). Encouraging investors through the construction of Industrial estates contributes to create sustainable jobs, decrease unemployment and reduce poverty. In addition to the direct employment at the industrial estate, big number of indirect jobs is created. Workers' skills enhancement is also a noteworthy advantage.

3.2.21. Details of Court Cases:

S. No.	Name of file	Area
1.	Deepak Aggarwal v/s State of Haryana CWP NO. 4371 of 2015 in Supreme Court	39 K-3.5 M
2.	Dr. Bharti Madhukar v/s State of Haryana CWP no. 22140 of 2015 in Supreme Court	41 K-0 M
3.	Ramesh Chand and Others v/s State of Haryana CWP No. 1513 of 2015 in Supreme Court	0 K-13 M
4.	Madhu Aggarwal v/s State of Haryana CWP No. 1796 of 2015 in High Court	19 K-10.5 M
5.	Kuldeep Kumar v/s State of Haryana CWP No. 19847 of 2015 2015 in Supreme Court	5 K-4 M
6.	Mohan Singh v/s State of Haryana CWP No. 4504 of 2015 in Supreme Court	0 K-16 M
<b>Total</b>		106 K-7 M
<b>Area in Acre</b>		13.29 acre

3.2.22. During deliberation, EAC observed and noted the following:

- i. *PP has taken many years for getting permission from water authority.*
- ii. *Employment generated for the local villagers has to be detailed.*
- iii. ***Recommendation of the proposal for grant of Environmental clearance shall be subject to approval of Water approval letter and court order.***

3.2.23. The EAC, taking into account the submission made by the project proponent had a detailed deliberation in its 291<sup>st</sup> meeting on 10<sup>th</sup> March, 2022 and **recommended** the proposal for grant of Environment Clearance with the specific conditions, as mentioned below, in addition to all standard conditions applicable for such projects:

- i. All the mitigation measures to reduce pollution as mentioned in EIA/EMP report shall be implemented in toto.

- ii. The existing water bodies in the project area shall be conserved and used with effective water management. A detailed action plan be prepared.
- iii. Provisions for ground water recharge be made. Construction of rainwater harvesting structures for augmentation of ground water levels. Rain water harvesting for roof run- off and surface run- off, as per submitted plan, shall be implemented.
- iv. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 4 meters above the highest ground water table.
- v. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured/recorded to ensure the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six Monthly Monitoring report.
- vi. The unused water quota allocated to the industrial estate should be surrendered to the water board.
- vii. The Industrial complex shall achieve Zero Liquid Discharge and to achieve the Zero Liquid Discharge, waste water generated from various industrial operations shall be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.
- viii. The member units shall provide storage tanks for collection of effluent and provide ETP/STP for further treatment as per the prescribed norms and, as per the commitment made by M/s Haryana State Industrial and Infrastructure Development Corporation Ltd. (HSIIDC). Flow meters with recording facilities shall be provided to monitor the effluent quality and quantity discharged by member industries to the final disposal/re-use on a continuous basis.
- ix. Ambient noise levels shall be regularly monitored and conform to the prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during development/ construction phase.
- x. Continuous online monitoring system be installed by all the member industries and adequate measures shall be made to reduce ambient air, water and noise level during construction and post construction phase, so as to conform to the stipulated standards by CPCB/SPCB. A detailed plan with number of air quality monitoring stations specially near the village boundaries and parameters to be monitored with frequency of monitoring shall be submitted with the 6 monthly compliance report. Further compliance report as per the monitoring plan shall also be submitted. For identifying the location of monitoring stations, seasonal wind rose analysis shall be carried out with respective predominant wind direction taking the nearby villages as the reference locations.
- xi. Fly ash should be used as building material in the construction as per the provisions

of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016.

- xii. Grading within the project site shall be planned such that there shall be negligible impacts on the existing natural drainage system/pattern. An adequate drainage system shall be provided at the site with separate collection streams to segregate the storm run-off from roads, open areas, material storage areas, vehicle wash water and other wastewater streams. Suitable measures should be taken to prevent the washing away of construction materials into the drainage system.
- xiii. Green belt should be developed all around the settlements and water bodies. Minimum 33% of total project area shall be maintained as green belt.
- xiv. As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporated in the Environmental Management Plan. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory Afforestation etc, either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented.

### **Agenda No. 3.3**

**Development of All-weather, Multi cargo, Greenfield Captive Jetty(ies) for handling capacity 52 MTPA at Jatadhari Muhan River, Dist. Jagatsinghpur, Odisha by M/s JSW Utkal Steel Ltd.- Further consideration for Environmental and CRZ Clearance.**

**[Proposal No. IA/OR/MIS/74417/2018; File No. 10-68/2018-IA.III]**

*“The EAC noted that the Project Proponent and the consultant have given in the application and enclosures are true to the best of their knowledge and belief and no information has been suppressed in EIA/EMP. If any part of data/information submitted is found to be false/misleading at any stage, the project will be rejected and ToR/Environmental Clearance/ validity Extension given, if any, will be revoked at the risk and cost of the project proponent.*

3.3.1 The aforementioned proposal was considered by the Expert Appraisal Committee Infra-1, in its 256<sup>th</sup> meeting held on 03.03.2021 and in the 265<sup>th</sup> meeting held on 23.06.2021. The proposal was finally considered in the 273<sup>rd</sup> EAC meeting held on 17.09.2021, answering all the queries of the EAC. The EAC after completion of the hearing deferred the proposal until the recommendations from Industry-1 on the proposed Integrated Steel Plant (ISP) is received,



and submission of the common EIA/EMP report submitted to the EAC of the Industry-1 sector. The ISP proposal was last considered in the 53<sup>rd</sup> REAC (Industry-1) meeting held on 11.02.2022 and the committee recommended the project for the grant of Environmental Clearance (EC).

3.3.2 As directed by the committee, the common EIA/EMP report submitted to the Industry-1 sector, and the Minutes of the meeting (Industry-1) with their recommendations, were submitted to the Infra-1 sector on 28.02.2022 for further consideration leading to Environmental and CRZ Clearance of the Captive Jetty.

3.3.3 At this instance, the aforementioned proposal was further placed before the EAC during 291<sup>st</sup> EAC meeting on 10<sup>th</sup> March, 2022.

3.3.4 *During the deliberation, EAC observed and noted the following:*

- i. Two members of the EAC Infra-1 Committee were co-opted by Industry-1 Committee for the CRZ related issues raised by the Industry-1 Committee.*
- ii. Number of complaints were received in the Ministry and to the Members of EAC regarding the project were discussed in the EAC. Committee noted that the nature of the past and present complaints appears to be same. The PP has submitted response to the complaints vide letter dated 3<sup>rd</sup> September, 2021 and the same were discussed in the meeting of EAC on 16<sup>th</sup> - 17<sup>th</sup> September, 2021*
- iii. Industry-1 sector directed PP to obtain site visit report from IRO, Bhubaneswar during their deliberation based on the several complaints received from locals.*
- iv. The Factual report was obtained from IRO, Bhubaneswar on 07/02/2022 after site inspection carried out on 06/02/2022 and placed on record by Industry-1 Committee. The same was also been discussed during the Infra-1 meeting held on 10<sup>th</sup> March 2022. Observations of RO are given as below:*
  - a. Construction of Roads: During the site visit it was noticed that the fencing of the project is being executed by M/s IDCO, Public Sector Undertaking, Government of Odisha since 09/02/2021. So far 800 meters of the boundary wall has been erected. It has been informed by the project authorities, M/s JSW Utkal Steel Limited, that they have obtained permission from Ministry of Environment, Forest & Climate Change vide letter No. J-11015/524/2017-IA. II (I) dated 09/09/2021 for fencing of project site with prefabricated structures for the purpose of protecting the area from encroachment.
  - b. During inspection it was found that soil is spread over the sand for hardening the top surface in the approach to the site. As submitted by the IDCO officials, the prefabricated structures are heavy and cannot be transported by head loaders or manually and to facilitate easy transportation of prefabricated structures to the sites of their fixation, tractors were being used. It was also informed by the project authorities that since the soil in the project site comprises of loose terrain, to facilitate easy movement of the tractors.
  - c. It is noted that the fencing activity is being carried out in the forest area, diverted for non-forestry activity, for which the project has obtained forest clearance which has been transferred in their name by the Ministry of

Environment and Forest, Government of India vide Ministry's letter No.8-63/2007-FC dated 16/10/2019 and by the Forest and Environment Department, Government of Odisha vide letter No.20649/F&E dated 30/10/2019.

- d. During the visit, no construction of road at site was found.
- e. Disturbance to sand dunes, caused if any: The observation made at site reveals that there are two areas of sand dunes in the project. It was found that the fencing activity which has been undertaken recently in the project area has not caused any disturbance to the existing sand dunes located in the project area.

3.3.5 The EAC, taking into account the submission made by the project proponent, clarifications provided by the PP (03.09.2021) and RO (dated 07.02.2022) towards several complaints received, has a detailed deliberation in its 291<sup>st</sup> meeting during 10<sup>th</sup> March, 2022 and **recommended** the proposal for consideration of the Environmental and CRZ Clearance with the specific conditions, as mentioned below, in addition to all standard conditions applicable for such projects:

- i. Construction activity shall be carried out strictly according to the provisions of the CRZ Notification, 2011. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- ii. All the recommendations and conditions specified by the Odisha Coastal Zone Management Authority (OCZMA) vide letter No OCZMA/56/2020/41/OCZMA dated 01.02.2021 shall be complied with.
- iii. Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- iv. The project proponent shall comply with the air pollution mitigation measures as submitted.
- v. PP shall not construct any ISP facility on north-eastern portion of High Tide Line and sand dunes in the vicinity of the project site.
- vi. Sand dunes in the vicinity of the project measuring 11.53 ha shall be preserved and maintained by PP. Green belt (CRZ-1A sand dune) is a prohibited activity as per extant norms of the CRZ Notification, 2011. Also no plantation should be done on sand dunes except those species of grasses and creepers which naturally occur and are native to the area.
- vii. Two level Interlock control measures one the higher level, where all dredging operations will be stalled and the other the lower limit at which the dredging operations will start, shall be provided on dredging machines to maintain turbidity level in the river bed/sea within the limits.

- viii. Fluorine and phenol levels shall be measured quarterly and report submitted to Regional Office of the MoEF&CC.
- ix. Environment monitoring program for marine water quality, sediment quality and ecology monitoring shall be initiated two weeks prior to start of dredging activity and shall be continued throughout the project life.
- x. No construction activities related to the ISP project shall be undertaken in the CRZ area.
- xi. Two streams passing through the plot shall be diverted and merged with the peripheral drain designed to carry cyclonic run off.
- xii. The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.
- xiii. No underwater blasting is permitted.
- xiv. Necessary approvals to be taken during implementation and commissioning from statutory bodies concerned.
- xv. No filling and raising of land beyond 2950.10 acres (constituting 973.533 acres for green belt) shall be permitted.
- xvi. During raising of the level of plant and Jetty side by filling with dredged material, project proponent shall ensure that at no point in time during implementation of this activity, the slurry is allowed to escape to drains and contaminate water bodies leading to sea. Local material with geomats shall be used to raise the bund around the site for land filling with dredged material.
- xvii. Shoreline should not be disturbed due to dumping. Six monthly study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring report to the regional office of the Ministry.
- xviii. Continuous online monitoring of air and water covering the total area shall be carried out and the compliance report of the same shall be submitted along with the 6 monthly compliance reports to the regional office of MoEF&CC.
- xix. Sediment concentration should be monitored fortnightly at source and disposal location of dredging while dredging.
- xx. Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.
- xxi. Necessary arrangements for the treatment of the effluents and solid wastes/ facilitation of reception facilities under MARPOL must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986. The provisions of Solid Waste Management Rules, 2016. E- Waste Management Rules, 2016, and Plastic Waste Management Rules, 2016 shall be complied with.

- xxii. Dredging, etc will be carried out in the confined manner to reduce the impacts on marine environment. Dredged material shall be disposed safely in the designated areas as per CWPRS recommendations, and in no case shall be disposed in the marine environment,
- xxiii. Dredging shall not be carried out during the fish breeding season.
- xxiv. While carrying out dredging, an independent monitoring shall be carried out by Government Agency/Institute to check the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.
- xxv. All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.
- xxvi. Necessary arrangement for general safety and occupational health of people should be done in letter and spirit.
- xxvii. As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory Afforestation etc, either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.
- xxviii. The PP shall, at its own cost, constitute an Environmental Management Cell and an Environmental Advisory Committee. The Environmental Management Cell would comprise of, inter alia, an Ecologist and a Marine Biologist. The Environmental Advisory Committee would comprise of one senior Environmental Expert as Chairman with experts from National Institute of Oceanography (NIO) or NIOT, Chennai, representative of Regional Office of SPCB and experts from any National Institute/ University as members. A member of the Environmental Management Cell shall act as the Member Secretary of the Advisory Committee. The Committee shall be reconstituted once in three years and should meet at least twice a year. The committee can co-opt other subject specific Experts, if required. The function of the committee, inter alia, will be carrying out continuous monitoring of coast line and its ecology, assess and monitor the status of functioning of various ecosystems, shoreline changes throughout the project period and advice the Environmental Management Cell for suitable measures to maintain it as per action plan recommended by NCSCM. The Environmental Management Cell and the Advisory Committee should be put in place during development phase of the project itself and continue to operate till the life of the project.
- xxix. An independent sea turtle monitoring should be carried out by a competent agency like GUIDE, SACON, ZSI etc during pre-construction, construction and post construction period for atleast 10 years. Adequate financial allocation be made for the studies

including but not limited to open sea monitoring of sea turtle congregations and satellite tagging to understand movement of sea turtles. A comprehensive sea turtle conservation plan should be developed based on these studies and including collision avoidance mechanism, periodic closure of operation in the case of very large breeding congregations of sea turtles in the navigation routes etc. The six monthly reports of the same to be submitted to the regional office of the MoEFCC.

- xxx. Shoreline up to five kilometers on either side of the project location should be monitored for sea turtle nesting as well as changes in sandy shore profile (including accretion/erosion) with the help of a competent agency like GUIDE, SACON or ZSI during pre-construction, construction and post construction period for atleast 10 years. Mitigation measures as advised by the agency be implemented for which adequate financial provisions be made as a part of EMP. The six-monthly reports of the same to be submitted to the regional office of the MoEFCC.
- xxxii. Sand dune management and restoration should be undertaken by a competent agency like GUIDE, Swaminathan Foundation etc. Adequate financial allocation be made for the restoration of the sand dunes. The six monthly reports of the same to be submitted to the regional office of the MoEFCC.
- xxxiii. Green belt should be developed using native trees and grasses with the help from competent agency like CSIR-National Botanical Research Institute or Botanical Survey of India etc. The six monthly reports of the same to be submitted to the regional office of the MoEFCC.
- xxxiiii. A state of art health care facility should be developed for the locals. Adequate financial allocation be provided for the same including infrastructure establishment and its operations.

#### **Agenda No. 3.4**

#### **Development of Kuduthini Industrial Area (Phase-1) in area of 261 ha (645.18 acres) at Kuduthini village, Bellary Taluk, Bellary District, Karnataka by M/s Karnataka Industrial Areas Development Board - Terms of Reference**

**[Proposal No. IA/KA/NCP/259088/2022 and File No. 10/37/2021-IA.III]**

*“The EAC noted that the Project Proponent and the consultant have given in the application and enclosures are true to the best of their knowledge and belief and no information has been suppressed in PFR/DPR/Form-1/Annexure-III. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and ToR/Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.”*

#### **Chronology of the Project:**

ToR application submission	Proposal no. IA/KA/NCP/192205/2021 Date: 09/01/2021
ToR Presentation (Submission under general category)	<b>253<sup>rd</sup> EAC meeting Agenda No. 3.4.</b> Dated: 18 -19 January 2021 As per the MoM - The proposal was rejected, stating that the PP has already started construction work before grant of TOR, and it is a case of violation.
ToR Presentation	<b>273<sup>rd</sup> EAC meeting Agenda No. 3.5</b> Dated: 16-17 September 2021 EAC observed that this is a case of violation and there is no mechanism to consider these type of proposal in the Ministry till the final directions from the Court. Hence, the aforementioned proposal was not considered by the EAC in its 273rd meeting during 16 <sup>th</sup> - 17 <sup>th</sup> September, 2021 and it was returned in its present form.
ToR application uploaded under violation	<b>Proposal No. IA/KA/NCP/259088/2022 Dated: 01/03/2022</b> (with reference to the OM issued by the Ministry dated 28 <sup>th</sup> January 2022 PP again applied for TOR)
ToR Presentation	<b>291<sup>st</sup> EAC meeting Agenda no. 3.4 Date: 10/03/2022</b>

3.4.1 The aforementioned proposal was considered in 291<sup>st</sup> meeting during 10<sup>th</sup> March, 2022. The project proponent along with the EIA consultant M/s. Hubert Enviro Care Systems (P) Ltd, Chennai has made a presentation through Video Conferencing and provided the following information:

3.4.2 The proposal is for development of Kuduthini Industrial Area Phase I at Kuduthini Village, Bellary District, Karnataka State in an area of 261 Ha (645.18 Acres). The industrial Area has two components namely Kuduthini Industrial Area Phase 1 and Women Entrepreneurs Park.

3.4.3 The proposed project falls under 7(C) – Industrial Park, Category A and appraisal in MoEF&CC (since Karnataka – Andhra Pradesh State Boundary is within 10 Km radius) and it is under violation. Secondary Metallurgical Processing industries (Rerolling mills -capacity >30,000 TPA) falling under schedule 3 (a) and CETP are proposed for the Industrial Area, which attracts EC apart from Non EC category industries. Since General condition is applicable for the project, appraisal is required at Central level. Total investment/cost of the project is Rs 23300 Lakhs.

3.4.4 Case of violation under notification S.O 804(E) dated 14.03.2017: Construction activities have already started. Roads, storm water drains and Overhead tank are already constructed at site. The project was considered in 253rd EAC meeting held on 18-19 January 2021, Agenda No.3.4. The proposal was rejected, stating that the PP has already started construction work before grant of TOR, and it is a case of violation.

3.4.5 Geo-coordinates of project site:

Latitude	15°9'39.60" N to 15°11'31.52" N,
Longitude	76°43'59.85" E to 76°45'40.69" E

3.4.6 Land use/ Land cover (approx. area) of the project site is as following:

S. No	Land use / Land cover	Area in Hectares	Area in %	Remarks if any (Area in Acres)
1	Industrial Area	172.18	65.9	425.46
2	Commercial Area	4.78	1.8	11.81
3	Amenities	6.55	2.5	16.18
4	Road	26.61	10.2	65.76
5	Park (Green belt)	10.12	3.9	25.03
6	Nala	6.79	2.6	16.77
7	Peripheral Greenbelt (15m)	19.95	7.7	49.30
8	Parking	5.34	2.0	13.20
9	Utilities	8.78	3.4	21.67
<b>Total</b>		<b>261.0</b>	<b>100</b>	<b>645.18</b>

The industrial Area has two components namely Kuduthini Industrial Area Phase 1 and Women Entrepreneurs Park.

**Proposed Area break up for Kuduthini Industrial Area Phase 1**

S. No	Description	Area in Ha	Area in Acres	%
1	Industrial Area	158.25	391.05	65.04
2	Commercial Area	4.17	10.31	1.71
3	Amenities	5.74	14.18	2.36
4	Road	25.33	62.60	10.41
5	Park (Green belt)	9.66	23.88	3.97
6	Nala	6.79	16.77	2.8
7	Buffer Zone (green)	19.95	49.30	8.2
8	Parking	4.88	12.05	2.0
9	Utility	8.56	21.13	3.51
<b>Total</b>		<b>243.33</b>	<b>601.27</b>	<b>100</b>

**Proposed Area breakup for Women Entrepreneurs Park**

S. No	Description	Area in Ha	Area in Acres	%
1	Industrial Area	13.93	34.41	78.36
2	Commercial Area	0.61	1.50	3.42
3	(CFC) Amenities	0.81	2.00	4.55
4	Road	1.28	3.16	7.20
5	Park (green belt)	0.46	1.15	2.62
6	Parking	0.46	1.15	2.62
7	Utility	0.22	0.54	1.23
<b>Total</b>		<b>17.77</b>	<b>43.91</b>	<b>100</b>

3.4.7 Land use/Land cover around 10 km radius of project site:

S No	Land use / Land cover	Hectares	%	Remarks (Area in sq. Km)
1	Cropland	16695.9	37.493	166.959
2	Scrub land	14907	33.476	149.07
3	Urban	4231	9.501	42.31
4	Scrub Forest	2656	5.964	26.56
5	Fallow land	1546	3.472	15.46
6	Reservoirs/ Lakes/ Ponds	1208.1	2.713	12.081
7	Barren Rocky Area	1024	2.300	10.24
8	Rural	645	1.448	6.45
9	Gullied/Ravinous Land	599	1.345	5.99
10	Mining	472	1.060	4.72
11	River/ Stream/ Canals	296	0.665	2.96
12	Forest Deciduous	215	0.483	2.15
13	Salt Affected Land	26	0.058	0.26
14	Plantation	10	0.022	0.1
<b>Total</b>		<b>44531</b>	<b>100</b>	<b>445.31</b>

3.4.8 List to industries to be housed with the proposed project site:

S. No	Category of Industries	Type of industries Proposed	Schedule & Category as per EIA Notification 2006 and its amendments	CPCB Classification	Pollution potential *	Area (Ha)	Plotted Area (%)
1	Metallurgy	Secondary Metallurgical Processing industries (Rerolling mills -capacity >30,000 TPA)	3(a) –B (Applicability of General Condition Hence appraisal by MoEF&CC)	Red	A2F1, W15	45.25	26.3
2		Foundry units <5MT/Hr	Nil	Orange	A2F1, W15	18.45	10.7
3		Forging of Metals	Nil	Orange	Group A2F1	6.70	3.9
4		Fabrication	Nil	Orange	W13, A1D	6.37	3.7
5		Steel and Steel products using furnaces	Nil	Orange	A2F1, W15	15.10	8.8
6		Metal extraction involving furnaces	Nil	Orange	Group A2F1, HW4	12.27	7.1



S. No	Category of Industries	Type of industries Proposed	Schedule & Category as per EIA Notification 2006 and its amendments	CPCB Classification	Pollution potential *	Area (Ha)	Plotted Area (%)
7	Textile	Textile Processing	Nil	Red	W13, Group A2F2	25.72	14.9
8		Readymade Garments	Nil	White	Nil	4.77	2.7
9	Food products	Fruits and Vegetables processing	Nil	Orange	W13, A1D	14.56	8.5
10		Bakery and confectionaries/ Vegetable oil	Nil	Orange	W13, Group A2F2	5.91	3.4
11		Dairy and Dairy products	Nil	Orange	W13, Group A2F2	4.47	2.6
12		Dal mills and Flour mills	Nil	Green	Group A1D	2.43	1.4
13		Spice grinding	Nil	Green	Group A1D	3.52	2.0
14	Formulation of soaps, detergents and cosmetics by mixing and blending	Soaps, Detergents and cosmetics	Nil	Orange	W13, Group A1D	5.69	3.3
15	Cement products manufacturing	Cement products and tiles	Nil	Green	Group A1D	0.97	0.7
16	CETP	CETP – For industries within the Industrial Area	7(h) (Applicability of General Condition Hence appraisal by MoEF&CC)	Red	W12, Group A1D		

3.4.9 Terrain and Topographical Features: Site elevation of the proposed project is an average of ~505 m above sea level. The terrain is almost flat and elevated towards south end.

3.4.10 Water Bodies: There is one unnamed Halla within the site. Other water bodies near the site are Natta Halla ≈0.58 km (E), Odakana Halla ≈0.61 km (NE), Dasara Halla ≈0.22 km (E), Kudatini Reservoir adjacent to site. For securing the water bodies 15 m green belt is proposed along the periphery of the site and along the nala.

3.4.11 Water requirements: **Construction Phase:** During construction Phase, water requirement is estimated to be 35 KLD. The source water through private tankers. **Operation Phase:** Total water requirement for the project is 5232.5 KLD. Fresh water requirement is 3573 KLD which is utilized for domestic requirement, process and green belt development. Fresh water requirement will be met from Tungabadhra high level canal which is ~2.69 km from project site. 1659.5 KLD is met from recycled water. Water requirement for greenbelt (275 KLD), utilities for industrial purpose (471 KLD) and process (913.5 KLD) will be met from recycling of treated wastewater.

3.4.12 Tree Cutting: Around 20 trees will be uprooted and placed in green belt area proposed. Detailed number and its mitigate plan with species will be given in EIA.

3.4.13 Forest land/Protected area: There is no forest land and protected area in the project site. However, Daroji Bear Sanctuary Core is located ~11.49 Km (WNW) of project site.

3.4.14 Waste Management: **CETP:** Effluent quantity of 1400 KLD of which effluent from Process is estimated to be 1200 KLD and utilities 200 KLD. The effluent will be treated in CETP of 1700 KLD followed by RO, MEE and ATFD. Individual industries will be mandated to bring the effluent generated from their unit to the standards prescribed for CETP inlet and send to CETP through conveying system. **STP:** Sewage generated is estimated to be 275 KLD. This will be treated in CSTP of 350 KLD.

3.4.15 Land acquisition and R&R issues: Land has been already acquired by KIADB for the proposed project site.

3.4.16 Employment potential: During construction phase 100 no of employers and during operation phase 6800 employment are expected to be generated.

3.4.17 Benefits of the project: Socio-economic benefit to the locals as it would provide both indirect employment and direct employment during construction and operation of the Industrial Area. There will be positive impact on social conditions in and around the site due to the proposed project.

3.4.18 Details of Court cases: No Court Case is pending against the proposed project.

3.4.19 *During deliberation, EAC observed and noted the following:*

- i. *PP has to submit an undertaking stating that there is no construction activity after violation with suitable documents and photo graphs in Ariel view of the proposed project site.*
- ii. *The EAC has confirmed the case to be of violation of the EIA Notification, 2006*

3.4.20 The EAC, taking into account the submission made by the project proponent has a detailed deliberation in its 291<sup>st</sup> meeting during 10<sup>th</sup> March, 2022 and confirmed the case to be

of violation of the EIA Notification, 2006. The Committee **recommended** the proposal for grant of Terms of Reference (ToR) with the specific conditions, as mentioned below, in addition to all standard conditions applicable for such projects:

- i. The State Government/SPCB to take action against the project proponent under the provisions of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.
- ii. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR).
- iii. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- iv. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter (13) in the EIA report by the accredited consultants.
- v. Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly.
- vi. The project proponent shall require to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- vii. The planning of Industrial Estate should be based on the criteria mentioned in this Ministry's Technical EIA Guidance Manual for Industrial Estate (2009) prepared by IL&FS as well as CPCB's Zoning Atlas Guidelines for siting industries.
- viii. Water balance chart be prepared and submitted along with EIA/EMP report.
- ix. Proponent shall ensure the conservation and development of nearby water bodies in the surrounding areas.
- x. Detailed land use breakup of proposed Industrial area with green belt to be submitted.
- xi. The terrain of the project area has to be detailed with hydrological study and its impact need to be carried out on the catchment and drainage system in core and buffer zones.
- xii. The PP shall not use groundwater without obtaining approval from CGWA/SGWA as the case may be. The project proponent shall obtain necessary permission from Competent Authority to use water from Tungabhadra channel.
- xiii. Proponent shall establish captive treatment, storage, and disposal facility (TSDF) to ensure the effective Solid Waste Management.
- xiv. Submit a certificate from local DFO that no forest land is involved in the proposed Industrial Park.
- xv. The Action Plan on the compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA. I (M) dated 25th October, 2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.

### **Agenda No. 3.5**

#### **Proposed development of AHOY Marina in Mormugao Port Trust Waters, Goa by M/s Kargwal Constructions Pvt. Ltd. – Terms of Reference**

**[Proposal No. IA/GA/NCP/257252/2022 and File No 10-38/2016-IA.III]**

*“The EAC noted that the Project Proponent and the consultant have given in the application and enclosures are true to the best of their knowledge and belief and no information has been suppressed in EIA/EMP. If any part of data/information submitted is found to be false/misleading at any stage, the project will be rejected and ToR/Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.*

It has been observed by the EAC that the CZMP of Goa is still not approved and the matter related to finalization of CZMP is still pending. In view of this, EAC advised PP to submit the proposal once CZMP is finalized and approved by the Ministry.

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**Annexure-A**

**Following members were present during the 291<sup>st</sup> EAC(Infra-1) meeting held on 10<sup>th</sup> March, 2022.**

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Remarks</b>
			<b>10<sup>th</sup> March 2022</b>
1.	Dr. Deepak Arun Apte	Chairman	Present
2.	Sh. S. Jeyakrishnan	Member	Present
3.	Sh. Manmohan Singh Negi	Member	Present
4.	Sh. Sham Wagh	Member	Present
5.	Dr. Mukesh Khare	Member	Present
6.	Dr. Ashok Kumar Pachauri	Member	Present
7.	Dr. V. K Jain	Member	Requested leave of absence
8.	Dr. Manoranjan Hota	Member	Present
9.	Sh. R Debroy	Member	Absent
10.	Dr. Rajesh Chandra	Member	Absent
11.	Dr. M. V Ramana Murthy	Member	Requested leave of absence
12.	Smt. Bindu Manghat	Member	Absent
13.	Dr. Niraj Sharma	Member	Present
14.	Dr. Nirmalendu Kumar	SoI	Absent
15.	Sh. Amardeep Raju	Scientist 'E' & MS, MoEF&CC	Present
16.	Dr. Rajesh Prasad Rastogi	Scientist 'C', MoEF&CC	Present
17.	Mr. P. Balakumar	Consultant MoEF&CC	Present