

Minutes of 3rd meeting of Expert Appraisal Committee (Infra-2) for Projects related to All ship breaking yard including ship breaking unit, Common Hazardous Waste Treatment, Storage and Disposal Facilities, Ports and Harbours, Aerial Ropeways, CETPs, Common Municipal Solid Waste Management Facility, Building/Construction Project, Townships and Area Development projects held on 23rd February, 2016

Venue: Teesta Conference Hall, Yavu Wing, First Floor, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-03

Tuesday, 23rd February, 2016

Time: 10.00 A.M.

3.0 Opening Remarks of the Chairman

At the outset, Chairman welcomed the members of the Expert Appraisal Committee (Infra-2). Thereafter, agenda items were taken up for discussion. The deliberations held and decisions taken are as under.

3.1. Confirmation of Minutes of 2nd EAC Meeting for Infra-2 held on 20th– 21st January, 2016.

The minutes of the 2nd Reconstituted Expert Appraisal Committee (Infrastructure- 2) meeting held during 20th– 21st January, 2016 were confirmed

3.2. Consideration of Proposals

3.2.1 Solid Waste Management Facility at Kot Bhalwal, Jammu, Jammu & Kashmir by M/s Jammu Municipal Corporation-Finalization of ToR

The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to common municipal solid waste management facility are listed at 7(i) of schedule of EIA Notification, 2006 covered under category 'B' and appraised at state level. However, applicability of general condition i.e. Ramnagar (Manda) Wildlife Sanctuary located at a distance of 4.8 km, proposal is treated as category 'A' project.

M/s Jammu Municipal Corporation has identified three sites i.e. (i) Existing Dump Site at Bhagwati Nagar; (ii) Site at Kara Madana Village (iii) Site at Village Kot Balwal. However, Site at Kot Balwal has been identified as best suited site for setting up of solid waste management project. Project area is 45 acres. River Chenab is flowing at a distance of 8.2 km. Ramnagar (Manda) Wildlife sanctuary is located at a distance of 4.8 km. Quantity of solid waste generation is 350 T/day. Cost of project is Rs. 138.056 Crores. Proposed MSW project will consist of engineered landfill; composting process of municipal solid waste; waste to energy of 2 MW using RDF as fuel. It is noted that PP has submitted online proposal for the Bhagwati Nagar. Therefore, the Committee suggested them to upload the form1 application for project site at Kot Balwal.

After detailed deliberations on the proposal, the Committee *recommended for*

grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity and the following TOR in addition to Standard ToR for preparation of EIA-EMP report:

- i. Importance and benefits of the project.
- ii. Details of various waste management units with capacities for the proposed project.
- iii. List of waste to be handled and their source along with mode of transportation.
- iv. A sensitivity analysis of the site shall be carried out as per the MoEF criteria and form part of the EIA report.
- v. The design period of the sanitary land fill should be as per the MSW rules and should be increased beyond 5 years as proposed.
- vi. The load on the sanitary land fill should be calculated on the basis of segregated wastes.
- vii. The project proponents should consult the Municipal solid waste Management manual of the Ministry of Urban Development, Government of India and draw up project plans accordingly.
- viii. Details of air Emission, effluents, solid waste generation and their management.
- ix. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- x. Process description along with major equipments and machineries, process flow sheet (quantative) from waste material to disposal to be provided
- xi. Hazard identification and details of proposed safety systems.
- xii. Layout maps of proposed Solid Waste Management Facilities indicating storage area, plant area, greenbelt area, utilities etc.
- xiii. Details of Drainage of the project upto 5 km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided.
- xiv. Details of effluent treatment and recycling process.
- xv. Action plan for measures to be taken for excessive leachate generation during monsoon period.
- xvi. Action plan for any pollution of ground water is noticed during operation period or post closure monitoring period.
- xvii. Detailed Environmental Monitoring Plan as well as Post Closure Monitoring Plan.
- xviii. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made.
- xix. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
- xx. A tabular chart with index for point wise compliance of above TORs.

It was recommended that '**TOR**' along with **Public Hearing** prescribed by the Expert Appraisal Committee (Infrastructure- 2) should be considered for preparation of EIA /

EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.

3.2.2

Enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facilities GIDC Ankleshwar, Dist. Bharuch, Gujarat by M/s Bharuch Enviro Infrastructure Limited- Finalization of ToR

The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to Common hazardous waste treatment, storage and disposal facilities (TSDFs) are listed at 7(d) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.

M/s Bharuch Enviro Infrastructure Limited has proposed for installation of additional incinerator at Common Hazardous Waste Treatment, Storage and Disposal Facilities GIDC Ankleshwar, District Bharuch, Gujarat. PP informed that the reasons for requirement of additional incinerator is incinerable waste generation in the region is high, BEIL is not able to treat the requirement of member industries. Also during the breakdown and maintenance of existing incinerators, there is requirement for an incinerator. Plot area of the site is 69 acres (2,79,233.09 m²). Proposed incinerator area is 1800 m². No additional land is required. Details of existing and proposed hazardous waste management facilities are as given below:

S.N.	Existing Capacity	Proposed Capacity	Additional Capacity
1	1 st Incinerator (6.5 Million K Cal/hr.)	Incinerator Capacity : 12 Million K Cal/hr.	
2	2 nd Incinerator (6.5 Kcal /hr.)		
3	Treatment, Storage and Disposal Facilities (CHWTSDF) Phase-I 6 Lakh MT; Phase – II 17 Lakh MT; Phase –III 11.58 MT.	---	

Cost of project is 32 Crores. This incineration system will consist of rotary kiln, secondary combustion chamber, heat recovery boiler, air pollution control system, continuous monitoring system and other requirement.

After detailed deliberations on the proposal, the Committee *recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity* and the following TOR in addition to *Standard ToR* for preparation of EIA-EMP report:

- i. Importance and benefits of the project.
- ii. A separate chapter on status of compliance of Environmental Conditions granted by State/Centre to be provided. As per circular dated 30th May, 2012 issued by MoEF, a certified report by RO, MoEF on status of compliance of conditions on existing unit to be provided in EIA-EMP report.
- iii. Details of various waste management units with capacities for the existing and proposed project.

	<ul style="list-style-type: none"> iv. List of waste to be handled and their source along with mode of transportation. v. Other chemicals and materials required with quantities and storage capacities. vi. Details of temporary storage facility for storage of hazardous waste at project site. vii. Details of pre-treatment facility of hazardous waste at TSDF. viii. Details of air Emission, effluents, hazardous/solid waste generation and their management. ix. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract) x. Process description along with major equipments and machineries, process flow sheet (quantative) from waste material to disposal to be provided xi. Hazard identification and details of proposed safety systems. xii. Layout maps of proposed Solid Waste Management Facilities indicating storage area, plant area, greenbelt area, utilities etc. xiii. Action plan to control and monitoring of dioxin and furon from the incineration process. xiv. Management and disposal of incinerated ash. xv. Details of effluent treatment and recycling process. xvi. Detailed Environmental Monitoring Plan as well as Post Closure Monitoring Plan. xvii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case. xviii. A tabular chart with index for point wise compliance of above TORs. <p>Public hearing is exempted as per para 7(i) III Stage (3)(i)(b) of EIA Notification, 2006 for preparation of EIA/EMP Report, being site is located in the Notified GIDC industrial area, Ankleshwar. Copy of notification of industrial area to be submitted.</p>
<p>3.2.3</p>	<p>Expansion of Jabalpur Airport at Villages Dumna, Gadheri and Chakdehi, District Jabalpur, Madhya Pradesh by M/s Airports Authority of India-Finalization of ToR</p> <p>The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to Airports are listed at 7(a) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.</p> <p>M/s Airports Authority of India has proposed for expansion of Jabalpur Airport at villages Dumna, Gadheri and Chakdehi Jabalpur, Madhya Pradesh. Jabalpur airport is spread over an area of 659.18 acres in the state of Madhya Pradesh. It is located at a distance of about 8.0 km, west from Jabalpur town. The terminal building already exists and at present CRJ 700 and Q-400 aircrafts are operating. Further daily there are 2 numbers of non-scheduled operations of BCH- 1900 type of aircrafts. The present peak hour traffic of scheduled flights is 1 number of aircraft for which apron is available.</p> <p>Considering the projected traffic in the year 2017-18, there is a need to propose new terminal building, apron and allied works at the location available within the existing land and additional 101.14 acres to be acquired for the extension of runway. The extension of</p>

runway including resurfacing of flexible portion of runway and taxiway, construction of new terminal building, ATC tower cum technical block, fire station, apron extension, drainage works, boundary wall and other associated works along with electrical works at C.A. Jabalpur. Cost of project is Rs. 165 Crores. Forests (i.e. Lowergaur RF (0.03 Km, E), Chhatri RF (5.8 Km, NE), Bijapuri RF (6.6 Km, ENE), Sakri RF (7.6 Km), Gangai RF (8.4 Km) and Pondi RF (8.9 Km) are located within 10 km distance. Water bodies i.e. Khandari Reservoir (1.2 Km SWS), Pariat Nadi (2.7 Km, N), Gaur Nadi (3.0 Km and Pariat Tank are located within 10 km distance. Water requirement from the ground source will be 90 m³/day. Power requirement from state electricity board will be 1000 KVA. DG set will be installed as standby facility.

After detailed deliberations on the proposal, the Committee *recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity* and the following TOR in addition to *Standard ToR* for preparation of EIA-EMP report:

- i. Importance and benefits of the project.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Layout maps of proposed project indicating runway, airport building, parking, greenbelt area, utilities etc.
- iv. Cost of project and time of completion.
- v. A note on appropriate process and materials to be used to encourage reduction in carbon foot print. Optimize use of energy systems in buildings that should maintain a specified indoor environment conducive to the functional requirements of the building by following mandatory compliance measures (for all applicable buildings) as recommended in the Energy conservation building code (ECBC) 2007 of the Bureau of Energy Efficiency, Government of India. The energy system include air conditioning systems, indoor lighting systems, water heaters, air heaters and air circulation devices. Use
- vi. Details of Emission, effluents, solid waste and hazardous waste generation and their management.
- vii. Noise monitoring shall be carried out in the funnel area of flight path.
- viii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- ix. The E.I.A. should specifically address to vehicular traffic management as well as estimation of vehicular parking area.
- x. Details of fuel tank farm and its risk assessment. A robust Disaster Management plan including that for storage and handling of fuel shall be prepared along with the EIA.
- xi. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made.
- xii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and

	<p>compliance/ATR to the notice(s) and present status of the case.</p> <p>xiii. A tabular chart with index for point wise compliance of above TORs.</p> <p>It was recommended that 'TOR' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure- 2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</p>
<p>3.2.4</p>	<p>Common integrated landfill & incineration facility at Sy. No. 399, 400, 401, 402, 403, 404, 405/2, 406, Village Saragvada, Taluka Dholka, District Ahmedabad, Gujarat by M/s Industrial Waste Management Service-Finalization of ToR</p> <p>The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to Common hazardous waste treatment, storage and disposal facilities (TSDFs) are listed at 7(d) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.</p> <p>M/s Industrial Waste Management Service has proposed for setting up of Common integrated landfill & incineration facility at Sy. No. 399, 400, 401, 402, 403, 404, 405/2, 406, Village Saragvada, Taluka Dholka, District Ahmedabad, Gujarat. Total plot area is 226089 m². Cost of the project is Rs. 144.44 Crore. PP informed that three alternative sites i.e. (i) Saragwada (ii) Saragwada Village (iii) Varna Village have been indentified and examined. Site at Saragwada Village has been found suitable for proposed TSDF site. It is reported that tributary of Bhogawao River is located at a distance of 7 km. TSDF site will be developed phase wise. First phase will be completed up to 2017 and will following facilities will be developed at proposed project site:</p> <ul style="list-style-type: none"> i) Landfill of 15,00,000 MT in two cells ii) Incineration (liquid/solid) Capacity – 5 MT/hr. (2 nos.) iii) A Multiple Effect Evaporator (MEE) – 500 KLD effluent <p>Cyclone separator, bagfilter, ventury scrubber and alkali scrubber will be provided to incinerator to control air pollution. Fresh water requirement during operation phase will be 390 m³/day. Effluent generation will be 647 m³/day and treated in the ETP. No effluent will be discharged outside the plant premises. Incineration ash will be sent to proposed landfill site.</p> <p>After detailed deliberations on the proposal, the Committee <i>recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity</i> and the following TOR in addition to <i>Standard ToR</i> for preparation of EIA-EMP report:</p> <ul style="list-style-type: none"> i. Importance and benefits of the project. ii. Examine the site as per the knock out criteria as provided by the MoEF. iii. The project should be very specific on the wastes to be handled. Only those wastes which are specified as Hazardous – under the Hazardous Wastes (Transboundary Movement, management and Handling rules) should be accepted in the TSDF. If other wastes are accepted a detailed plan for secure segregation and disposal along

	<p>with environmental impacts of each should be submitted.</p> <ul style="list-style-type: none"> iv. Details of various waste management units with capacities for the proposed project. v. List of waste to be handled and their source along with mode of transportation. vi. Other chemicals and materials required with quantities and storage capacities. vii. Details of temporary storage facility for storage of hazardous waste at project site. viii. Details of pre-treatment facility of hazardous waste at TSDF. ix. Details of air Emission, effluents, hazardous/solid waste generation and their management. x. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract) xi. Process description along with major equipments and machineries, process flow sheet (quantative) from waste material to disposal to be provided xii. Hazard identification and details of proposed safety systems. xiii. Layout maps of proposed Solid Waste Management Facilities indicating storage area, plant area, greenbelt area, utilities etc. xiv. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. xv. Ground water quality monitoring in and around the project site. xvi. Give justification for using 22.6 ha of land for the project. xvii. Status of the land purchase in terms of land acquisition Act and study the impact. xviii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land. xix. R&R details in respect of land in line with state Government policy xx. Details of effluent treatment and recycling process. xxi. Leachate study report and detailed leachate management plan to be incorporated. The report shall provide for leachate estimations, both qualitatively and quantitatively, leachate and run off impact assessments and a robust leachate and run off management plan. xxii. Action plan for measures to be taken for excessive leachate generation during monsoon period. xxiii. Action plan for any pollution of ground water is noticed during operation period or post closure monitoring period. xxiv. Detailed Environmental Monitoring Plan as well as Post Closure Monitoring Plan. xxv. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made. xxvi. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case. xxvii. A tabular chart with index for point wise compliance of above TORs.
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It was recommended that **'TOR' along with Public Hearing** prescribed by the Expert Appraisal Committee (Infrastructure- 2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.

3.2.5 Passenger Ropeway between Dharamshala to Mc Ledoganj, Kangra, Himachal Pradesh by M/s Dharmshala Ropeway Ltd.- Finalization of ToR

The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to Aerial Ropeway are listed at 7(g) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.

M/s Dharmshala Ropeway Ltd. has proposed for setting up of Passenger Ropeway between Dharamshala to Mc Ledoganj, Kangra, Himachal Pradesh. The land requirement for the proposed project is about 2.2438 ha. out of which, forest land involved 1.6958 ha land. It is reported that no eco-sensitive places and national park/wildlife sanctuary is located within 15 km. Cost of project is Rs.144.9 Crore. The broad parameters of the ropeway are given below:

S. N.	Item	Parameters
1	System	Mono-cable Detachable Gondola
2	Capacity(Designed), PPHPD (Passengers per hour per direction)	Minimum 600 @ max speed
3	Line speed, m/sec	4 to5
4	Horizontal distance between stations rail back loop crs, m	2310 (=1080+1230)m
5	Vertical rise, m	391 (=305+86)m
6	Line gauge,m	4
7	Capacity of cabin, persons	6 – 8
8	Cabin Spacing, m	65 m
9	Total no of cabins (minimum), in no.	18 to 24
10	Travel time one way, min	540 sec
11	Type of cabin	Fully enclosed cabin with ventilation. D
12	Hauling rope 45mm6x19(so) or operation –	1770N/mm2 poly
13	Main drive motor, KW	300 HP AC variable speed 0-1500rpm
14	Boarding/Deboarding	In motion. Speed should not be

		more than 0.3 m/sec. Cabin should be guided.
15	Handling of cabin in station	Cabin conveyor system
16	Auxiliary drive (diesel engine) for emergency, HP	25, AC
17	Line speed with emergency engine, m/sec	0.5 to 1.0(Max)
18	Line Rescue System	At least two systems
19	D.G. set @ Lower station, KVA	320
20	Stand by D.G. set @ Upper station for station lighting, KVA	50
21	Ambient temp	(+) 24° C max and 0°
22	Relevant standard	CEN & IS Code, Himachal Ropeway
23	Location of Tension Gears	Upper Terminal near Bus Stand Parking Mcleodganj
24	Location of Drive gears	Lower Station near Bus Stand Dharmshala

During presentation, PP confirmed that horizontal distance between stations rail is 1750 m.

Total water requirement during operation is about 220.2 KLD. Water supply for both the requirement will be met from HPIPH. Total power requirement is about 536KW, which is obtained from HPSEB. Total solid waste generates during construction and operation are 10.0 kg/day and 480 kg/day respectively.

After detailed deliberations on the proposal, the Committee *recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity* and the following TOR in addition to *Standard ToR* for preparation of EIA-EMP report:

- i. Importance and benefits of the project.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Stage – I forest clearance to be submitted.
- iv. Layout maps of proposed project indicating Location of upper station and lower station, building, food court, parking, greenbelt area, utilities etc.
- v. Cost of project and time of completion.
- vi. A note on appropriate process and materials to be used to encourage reduction in carbon foot print. Optimize use of energy systems in buildings that should maintain a specified indoor environment conducive to the functional requirements of the building by following mandatory compliance measures (for all applicable buildings) as recommended in the Energy conservation building code (ECBC) 2007 of the Bureau of Energy Efficiency, Government of India. The energy system include air conditioning systems, indoor lighting systems, water heaters, air heaters and air circulation devices.

	<p>Use</p> <ul style="list-style-type: none"> vii. Details of Emission, effluents, solid waste and hazardous waste generation and their management. viii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract) ix. The E.I.A. should specifically address to vehicular traffic management. x. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made. xi. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case. xii. A tabular chart with index for point wise compliance of above TORs. <p>It was recommended that 'TOR' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure- 2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</p>
<p>3.2.6</p>	<p>Common Effluent Treatment Plant at Paithan Mega Food Park, Post Wahegaon and Dhangaon, Taluka Pathan, District Aurangabad by M/s Paithan Mega Food Park-Finalization of ToR</p> <p>The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to CETPs are listed at 7(h) of schedule of EIA Notification, 2006 covered under category 'B' and appraised at State level. However, applicability of general condition i.e. location of eco-sensitive area Jaikwadi Bird Sanctuary at a distance of 2.425 km, proposal is treated as category 'A' project.</p> <p>M/s Paithan Mega Food Park has proposed for setting up of Common Effluent Treatment Plant at Paithan Mega Food Park, Post Wahegaon and Dhangaon, Taluka Pathan, District Aurangabad. M/s Paithan Mega Food Park Pvt. Ltd. is the special purpose vehicle (SPV) formed by the aim of developing and promoting this mega food park in Pithan, Maharashtra through Public Private Partnership. PMFPL is a model which would create infrastructure at a focal point (hub) with satellite points (spoke) in the park shed area. The component is seeking EC for CETP and CSTP provided for all unit holders. Total plot area of the food park is 39.644 ha. Cost of project is Rs. 12.456 Crore. Total no. of food processing units to</p>

	<p>be expected is 24 units. Total water requirement from MIDC water supply will be 2000 m³/day. Quantity of effluent generation will be 900 m³/day. Quantity of sewage generation will be 250 m³/day. Capacity of common STP will be 300 m³/day. Capacity of CETP is 1000 m³/day. CETP will consist of primary, secondary and tertiary treatment facilities. STP will be based on SBR technology. The Committee suggested them to obtain integrated environmental clearance for the Industrial area as well as CETP. PP committed that he will check the requirement of environment clearance for the food park as there is no red category unit. However, PP requested to grant the TOR for the CETP project at this stage.</p> <p>After detailed deliberations on the proposal, the Committee <i>recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity</i> and the following TOR in addition to <i>Standard ToR</i> for preparation of EIA-EMP report:</p> <ol style="list-style-type: none"> i. Importance and benefits of the project. ii. Status of environmental clearance for entire food park. iii. A chapter on Quantification and Characterization of inlet characteristic including methodology adopted. iv. Process flow diagram of the proposed CETP. v. Layout plan of CETP vi. Cost of project and time of completion. vii. Area earmarked for CETP. viii. Method for conveyance of effluent from the individual industrial unit to CETP. ix. Reuse and Recycle option of treated effluent. x. Disaster Management Plan. xi. Layout plan of proposed Greenbelt. xii. Status of court case pending against the project. xiii. A tabular chart with index for point wise compliance of above TORs. xiv. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made. <p>It was recommended that 'TORs' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure-2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</p>
<p>3.2.7</p>	<p>Development & Operation of Airport in Singrauli District, Madhya Pradesh by M/s Madhya Pradesh Road Development Corporation Ltd- Finalization of ToR</p> <p>The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to Airports are listed at 7(a) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.</p>

M/s Madhya Pradesh Road Development Corporation Ltd. has proposed for development & Operation of Airport in Singrauli District, Madhya Pradesh. Proposed site is located at a distance of 14 km from waidhan Town in SW direction. Terrain is flat with a gradual slope is 0.4 to 0.5 percent. Mayar River is flowing at a distance of 0.7 km. Gobind Ballabh Pant Sagar reservoir is located at a distance of 6.0 km. It is reported that no ecological sensitive places within 10 km distance. Total land requirement is 154.93 ha. Out of which 80 acre land is already acquired and 74.25 acre is under acquisition. The proposed development works include construction of new runway, turning pads, taxiways, apron, isolation bay, shoulders to airfield pavements, Approach road, internal roads, boundary wall Passenger Terminal building for 100 incoming and 100 outgoing passengers, Airfield lighting, PAPI, Navigational Aids including VOR-DME, ATC tower, sub-station, crash fire rescue building, water storage tank, sub- station equipments and provision for bulk power supply for the airport. Cost of project is Rs.162.62 crores.

After detailed deliberations on the proposal, the Committee recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity and the following TOR in addition to Standard ToR for preparation of EIA-EMP report:

- i. Importance and benefits of the project.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Layout maps of proposed project indicating runway, airport building, parking, greenbelt area, utilities etc.
- iv. Cost of project and time of completion.
- v. A note on appropriate process and materials to be used to encourage reduction in carbon footprint. Optimize use of energy systems in buildings that should maintain a specified indoor environment conducive to the functional requirements of the building by following mandatory compliance measures (for all applicable buildings) as recommended in the Energy conservation building code (ECBC) 2007 of the Bureau of Energy Efficiency, Government of India. The energy system include air conditioning systems, indoor lighting systems, water heaters, air heaters and air circulation devices. Use
- vi. Details of Emission, effluents, solid waste and hazardous waste generation and their management.
- vii. Noise monitoring shall be carried out in the funnel area of flight path.
- viii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- ix. The E.I.A. should specifically address to vehicular traffic management as well as estimation of vehicular parking area.
- x. Fuel tank farm and its risk assessment.
- xi. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made.
- xii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and

	<p>compliance/ATR to the notice(s) and present status of the case.</p> <p>xiii. A tabular chart with index for point wise compliance of above TORs.</p> <p>It was recommended that 'TOR' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure- 2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</p>																				
<p>3.2.8</p>	<p>Extension of validity of Tor for the project for the change of port facility within the SEZ Andhra Pradesh by M/s Kakinada SEZ Pvt Ltd</p> <p>MoEF&CC has issued TOR for preparation of EIA report to M/s Kakinada SEZ Pvt Ltd on 7.02.2013. TOR was valid upto 6.02.2016. PP informed that they have conducted baseline study, oceanographic studies, model studies. Public hearing could not be taken up due to delay in land transfer. Out of total land extent of 2,094.74 acres, APIIC has allotted 1,879.51 acres of land in October, 2015. As extent of land has changed from 2,094.74 acres to 1,879.51 acres, planning of port back –up area has to be revised.</p> <p>After detailed deliberation, the Committee recommended the extension of validity for another one year till 6.02.2017.</p>																				
<p>3.2.9</p>	<p>EC for Proposed "The Marina" – A Mixed Development of Mall, Hotel, Multiplex and Residential Apartments by Allied Majestic Promoters and OMR Mall Developers Pvt Ltd.- Further consideration</p> <p>MoEF&CC vide letter no 21-562/2007 IA III has issued environmental clearance to M/s Allied Majestic Promoters (P) Ltd. for the above mentioned project on 01.10.2008. Now, PP informed that the following changes have been made in the project configuration :</p> <table border="1" data-bbox="293 1473 1497 2024"> <thead> <tr> <th>S.N.</th> <th>Details</th> <th>Existing EC</th> <th>Proposed Changes</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Project</td> <td>"The Marina – A mixed Development of Mall, Hotel, Multiplex"</td> <td>"The Marina – A mixed Development of Mall, Hotel, Multiplex and Residential Apartment"</td> </tr> <tr> <td>2</td> <td>Facilities</td> <td>a) Mall b) Hotel (270 Rooms) c) ---- d) 2 floor basement and multilevel car parking (68645.76 m²)</td> <td>a) Mall b) Hotel (126 rooms) c) Residential (i) Apartment (88 nos.) (ii) EWS (18 Nos) d) 3 Basements parking (48590.67 m²).</td> </tr> <tr> <td>3</td> <td>Area break up</td> <td>FSI- 56471.54 m² Non FSI- 5685.93 m² Parking – 68645.76 m²</td> <td>FSI- 56471.54 m² Non FSI- 6001.95 m² Parking – 48590.67 m²</td> </tr> <tr> <td>4</td> <td>Total plot</td> <td>25292.85 m²</td> <td>25130.90 m²</td> </tr> </tbody> </table>	S.N.	Details	Existing EC	Proposed Changes	1	Project	"The Marina – A mixed Development of Mall, Hotel, Multiplex"	"The Marina – A mixed Development of Mall, Hotel, Multiplex and Residential Apartment"	2	Facilities	a) Mall b) Hotel (270 Rooms) c) ---- d) 2 floor basement and multilevel car parking (68645.76 m ²)	a) Mall b) Hotel (126 rooms) c) Residential (i) Apartment (88 nos.) (ii) EWS (18 Nos) d) 3 Basements parking (48590.67 m ²).	3	Area break up	FSI- 56471.54 m ² Non FSI- 5685.93 m ² Parking – 68645.76 m ²	FSI- 56471.54 m ² Non FSI- 6001.95 m ² Parking – 48590.67 m ²	4	Total plot	25292.85 m ²	25130.90 m ²
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4	Total plot	25292.85 m ²	25130.90 m ²																		

	area		
5	Built up area	130803.23 m ²	110835.03 m ²
6	Project Cost	160 Crores	Rs. 147.9 Crore
7	Number of Floors	2 Basements + Ground + 9 Floors	3 Basements + Ground + 11 Floors
8	Power Requirement	6843 KVA	6248 KVA
9	Water requirement (KLD)	Total water requirement -830	Total Water requirement – 529

The Committee noted that PP has submitted the fresh form1, IA and conceptual plan for the above changes. The Committee noted that ECBC norms has not incorporated in the proposed project.

After detailed deliberation, the Committee sought following addl. Information :

- a) Monitoring report from the Regional Office, Chennai for the current status of compliance of the existing EC's conditions to be submitted.
- b) A report on mandatory compliance measures taken for proposed buildings as recommended in the Energy conservation building code (ECBC) 2007 of the Bureau of Energy Efficiency, Government of India.
- c) Solar power to be included.
- d) Details of rain water harvesting system to be incorporated.
- e) Details of car parking norms to be followed.
- f) Source of water supply.
- g) Details of DG sets and its stack height as well as acoustic enclosure.

The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.

3.3.10 EC for Proposed Mall, club house and Residential development at SF No.199/1, 200, 201, 206, 205 part, Saravanampatti Village, Coimbatore (Tamil Nadu) by M/s Alliance Mall Developers Co Pvt. Ltd – Further Consideration

The Committee noted that environmental clearance obtained for mall from SEIAA vide letter no SEIAA/TN/F.N. 459/EC/8 (a)/163/2012 dated 03.05.2013. The Committee noted that there is huge change in the built up area.

After detailed deliberation, the Committee sought following addl. Information :

- a) Fresh form1, IA and conceptual plan.
- b) Tabular statement mentioning details of the existing EC and proposed changes.
- c) Monitoring report from the Regional Office, Chennai for the current status of compliance of the existing EC's conditions to be submitted.
- d) A report on mandatory compliance measures taken for proposed buildings as recommended in the Energy conservation building code (ECBC) 2007 of the Bureau of Energy Efficiency, Government of India.
- e) Solar power to be included.
- f) Details of rain water harvesting system to be incorporated.

	<p>g) Norms for solid waste management. h) Details of car parking norms to be followed. i) Fresh water balance. Source of water supply. j) STPs should be located at one place. k) Details of DG sets and its stack height as well as acoustic enclosure.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
<p>3.3.11</p>	<p>Modernization of existing facility and addition of new facilities entailing capacity at Vishakhapatnam Port by M/s Vishakhapatnam Port Trust –Environmental Clearance</p> <p>The project authorities and their consultant (M/s WAPCOS) gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken as per Draft Terms of References (TORs) awarded during the 122nd Meeting of the Expert Appraisal Committee (Infrastructure) held during 25th - 26th March, 2013 for preparation of EIA-EMP report. All the projects related to Ports and Harbour i.e. ≥ 5 million TPA of cargo handling capacity (excluding fishing harbours) are listed at 7(e) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.</p> <p>M/s Vishakhapatnam Port Trust has proposed for modernization of existing facility and addition of new facilities entailing capacity at Vishakhapatnam Port. As a part of the proposed developments in Visakhapatnam Port, the following facilities are proposed to be developed:</p> <ol style="list-style-type: none"> i. Up-gradation of Existing Facility and creation of new facility at VPT for Iron ore handling on DBFOT basis (OHC & WQ-I) by providing closed conveyor with built up dust suppression system and to replace the ship loader so as to improve the handling efficiency resulting in modernized equipment for dust control at all transfer points. ii. Development of West Quay North (WQ-7 & WQ-8) berth with mechanized handling facilities for handling bulk cargoes on DBFOT basis: Presently the cargo such as blast furnace slag, gypsum and ores other than iron ore proposed under this project (WQ-7 & WQ-8), which are already being handled in the semi mechanized method elsewhere in port and in now proposed to be changed to fully mechanized handling system. iii. Extension of Existing Container Terminal in the Outer Harbour of Visakhapatnam Port on DBFOT basis: <p>This project envisages extension of the existing container terminal along with streamlining the transportation activities of the container handling hither to being carried through trucks up to the container freight station destination, situated at a far-off place. The present proposal envisages transportation of containers by rail movement / shuttling operations with a contiguous rail line. The Rail share of the evacuation which is currently Zero would be slowly improved with the active participation of all the stake holders. Cost of project is Rs. 845 Crores.</p> <p>Additionally, the PP informed the Committee that ambient air quality monitoring was carried out at 4 locations during January, 2014 - April, 2014 and submitted baseline data indicates that ranges of concentrations of PM₁₀ (36.2 $\mu\text{g}/\text{m}^3$ to 75.2 $\mu\text{g}/\text{m}^3$), PM_{2.5} (14.4 $\mu\text{g}/\text{m}^3$ to 34.6 $\mu\text{g}/\text{m}^3$), SO₂ (8.4 $\mu\text{g}/\text{m}^3$ to 14.5 $\mu\text{g}/\text{m}^3$) and NO_x (15.6 $\mu\text{g}/\text{m}^3$ to 33 $\mu\text{g}/\text{m}^3$) respectively. The Committee suggested them to get baseline data collected for NH₃ and VOC.</p>

SCZMA Recommendation: Department of Environment, Forests, Science and Technology, Government of Andhra Pradesh has recommended the project proposal to MoEF&CC as per conditions laid down under CRZ regulation 2003/ CRZ Notification 2011.

The Committee deliberated upon the issues raised during the Public Hearing / Public Consultation meeting conducted by the AP Pollution Control Board on 10th April, 2015. The issues were raised regarding dust problem facing by the residents of Kataveedhi and Gnanapuram areas; adequate drainage system; funds allocation for the pollution control measures; air pollution due coal dust; lively hood of fishermen etc. The Committee suggested them submit tabular statement highlighting issues raised and commitments made by the project proponent with financial budget for complying with the commitments made.

HTL/LTL line demarcation: CRZ mapping indicating HTL and LTL and proposed project layout has been done through Institute of Remote Sensing (IRS) Anna University, Chennai. It is reported that as per the clause No.3 (i), (a) of the CRZ Notification of 6th January, 2011, proposed expansion and modernization activity at Visakhapatnam port is permissible activity.

Quantity of Capital Dredging to be carried out is 9.66 lakh cum. The Committee noted that dispersion modelling carried out for the existing capital dredging and not done for the proposed dredging. Therefore, the Committee suggested them to carry out dispersion modelling for the proposed additional capital dredging.

After deliberation, the Committee observed that there are certain deficiencies in the report. Therefore, Committee sought following additional information:

- (i) Tabular statement indicating details of (a) existing facilities as per existing EC obtained; (b) proposed additional facilities; (c) total capacity after expansion to be provided.
- (ii) CRZ classification of the project area.
- (iii) Dispersion modelling for the dumping of the additional dredge materials shall be carried out. The study report shall be incorporated.
- (iv) Baseline ambient air quality monitoring data in respect of parameters such as methane and VOC to be collected
- (v) Details of the air pollution control measures to be undertaken for the coal handling berth and well as bulk cargo handling berth.
- (vi) Layout map of greenbelt proposed around the coal handling berth and bulk cargo berth.
- (vii) Water balance chart indicating fresh water requirement and waste water generation for the existing port as well as after expansion.
- (viii) Issues raised during public hearing and commitments made by the project proponent in the form of tabular chart with financial budget for complying with the commitments made.

The proposal was deferred till the desired information is submitted through online. The above information shall be provided with the uploading of minutes on the website.

3.3.12 Establishment of Common Effluent Treatment Plant (To be managed by The Ahmedabad Hand Screen Printing Association) at Block No. 138/part & 154/part, Behrampura, Ahmedabad, Gujarat. – TOR regarding

The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to CETPs are listed at 7(h) of schedule of EIA Notification, 2006 covered under category 'B' and appraised at State level. However, applicability of general condition i.e. location of critically polluted area, Ahmedabad at a distance of 5 km, proposal is treated as category 'A' project.

Ahmedabad Hand Screen Printing Association has proposed for establishment of common effluent treatment plant at Block No. 138/part & 154/Part, Behrampura, Ahmedabad, Gujarat. The proposal is to set up the CETP of 30 MLD expandable 40 MLD for the effluent from member units. Effluent being generated by its member textile/hand screen printing industries and there will be no interlinked project. At present there are about 730 no of such unit obtained membership. Total plot area is 20087 m². Cost of project is Rs. 143.08 Crores. Fresh water requirement from the Ahmedabad Municipal Corporation will be 10 m³/day. ETP sludge, used oil, discarded container /liner will be handled and disposed as per guidelines under HW rules 2008.

After detailed deliberations on the proposal, the Committee *recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity* and the following TOR in addition to *Standard ToR* for preparation of EIA-EMP report:

- i. Importance and benefits of the project.
- ii. A chapter on Quantification and Characterization of inlet characteristic including methodology adopted.
- iii. Process flow diagram of the proposed CETP.
- iv. Layout plan of CETP
- v. Cost of project and time of completion.
- vi. Total area earmarked for CETP.
- vii. Method for conveyance of effluent from the individual industrial unit to CETP.
- viii. Efforts shall be made to reuse and recycle of treated effluent for non potable purpose.
- ix. Environment Management Plan
- x. Disaster Management Plan.
- xi. Layout plan of proposed Greenbelt.
- xii. Status of court case pending against the project.
- xiii. A tabular chart with index for point wise compliance of above TORs.
- xiv. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made.

It was recommended that '**TORs**' along with **Public Hearing** prescribed by the Expert Appraisal Committee (Infrastructure-2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the

	<p>'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</p>
<p>3.3.13</p>	<p>EC for Mixed used development "Trivedi Tower" CTS No 551/13 at junction of Madan Mohan Malviya Road, & 18.30 wide D P Road of village Nahur Mulund (w), Mumbai, Maharashtra by M/s Chhaganlal Khimji & Co Ltd.</p> <p>MoEF&CC vide letter no F.N. 21-74/2006 IA III dated 17th October, 2006 has issued environmental clearance to M/s Chhaganlal Khimji & Co Ltd. for the above mentioned project. PP informed that they reapplied to MoEF&CC for amendment in environmental clearance on dated 30.09.2014 in absence of SEAC-2, Maharashtra. PP presented their case in the 142nd EAC meeting. However, lack of clarity on the project proposal and its recommendation, Authority again referred to the EAC (Infra-2) for their views.</p> <p>The Committee noted that PP silent about the validity of environmental clearance and could not produce any documentary proof the same.</p> <p>After detailed deliberation, the Committee sought following addl. Information :</p> <ol style="list-style-type: none"> a) Fresh form1, IA and conceptual plan. b) A report on mandatory compliance measures taken for proposed buildings as recommended in the Energy conservation building code (ECBC) 2007 of the Bureau of Energy Efficiency, Government of India. c) Solar power to be included. d) Details of rain water harvesting system to be incorporated. e) Solid waste management. f) Details of car parking norms to be followed. g) Fresh water balance. Source of water supply. Details of STP. <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
<p>3.3.14</p>	<p>Environment and CRZ Clearance for Construction of fifth Oil Berth at Jawahr Dweep, Mumbai by M/s Mumbai Port Trust.</p> <p>The project authorities and their consultant (M/s L&T Infra Engineering) gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken as per Draft Terms of References (TORs) awarded during the 122nd Meeting of the Expert Appraisal Committee (Infrastructure) held during 25th - 26th March, 2013 for preparation of EIA-EMP report. All the projects related to Ports and Harbour i.e. ≥5 million TPA of cargo handling capacity (excluding fishing harbours) are listed at 7(e) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.</p> <p>M/s Mumbai Port Trust has proposed for construction of fifth Oil Berth at JawahrDweep, Mumbai. Considering the limited life of the existing fourth oil berth and no other berths can cater to large vessels, it is necessary to construct the 5th oil berth catering to the fully laden Suez Max Vessels and Light Drafted VLCC with sharing of cost of construction by Oil PSUs.</p>

The proposed berth will accommodate vessel upto LOA of 349 m and draft upto 17.6 m. Components of proposed development includes the following:

- i. Offshore berth with six (06) mooring dolphins of size 15.6 m x 15.6 m.
- ii. Four berthing dolphins of size 20m x 16 m.
- iii. Central service plat form size 50 m x 25 m
- iv. Approach trestle : length of trestle is approximately 2.4 km and overall width is 14.9 m (of cross beam; road width is 4.3 m).
- v. Operation buildings over the offshore berth.
- vi. Dredging of 4 to 5.0 million m³.
- vii. Laying of additional submarine pipeline of 42" diameter next to the existing submarine pipeline for handling crude import from JD to MbPT Manifold at Pir Pau. Cost of project is Rs. 811 Crores. It is reported that there are no reserve forests. Some mangroves area are located within 15 km radius of the project location.

The Committee noted that that this is a replacement project where the Berth no. 4 would be discontinued for use and a new Berth, designated as Berth no. 5 shall be established. No decommissioning of birth no. 4 is proposed and no dismantling or demolition of any structure is proposed. The proponents were advised that if any demolition works in berth no. 4 are proposed, a separate Environmental Clearance should be applied for. Except for the link way connecting the Pump house at JD4 to JD5, no other linkage shall be provided.

Maharashtra Coastal Zone Management Authority vide letter no. CRZ-2015/CR-298/TC 4 dated 5th February, 2016 has recommended the proposal to MoEFCC for CRZ clearance. The total area of construction for offshore structure is 16810 m². MCZMA has not recommended reclamation of land for at Jawahar Deep for tank farm.

The Committee deliberated upon the issues raised during the Public Hearing / Public Consultation meeting conducted by the Maharashtra Pollution Control Board on 30th January, 2016. The issues were raised regarding safety and security measures during construction of piping; source of water supply; disposal of dredging materials; etc.

After detailed deliberation, the Committee sought following addl. Information :

- i. As per MSCZMA recommendation, dredging shall be done about 4-5 million m³. However, PP informed that quantity of dredging is 6 million m³. PP has to confirm the quantity of dredging to be done.
- ii. The project proponents would clearly specify as to where does the project site fall, as regards to the coastal regulation zones, as certified in the report submitted to this effect.
- iii. Mangroves conservation plan to be submitted.
- iv. Pipeline to be laid 50 m away from the mangroves area. Therefore, revised maps with coordinates for the location especially with reference to mangroves to be submitted.
- v. SCZMA has not recommended the reclamation. Therefore, revised layout map to be submitted.

The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.

LIST OF PARTICIPANTS OF EAC (INFRASTRUCTURE-2) IN 3rd MEETING OF EAC (INFRASTRUCTURE-2) HELD ON 23rd February, 2016

S.N.	Name	Designation	Attendance
1	Prof. T. Haque	Chairman	P
2	Shri K. Gowarappan	Member	P
3	Dr. Yashpal Singh	Member	P
4	Dr.AyiVaman N. Acharya	Member	P
5	Dr. S.K. Bhargava	Member	P
6	Dr.Chandrasah Deshpande	Member	P
7	Shri A.P. Singh	Member	P
8	Ms. Mili Majumdar/Dr.Hina Zia Representatives of TERI	Member	Ms. Mili Majumdar
9	Prof.Dr. Sanjay Gupta	Member	P
10	Dr. L. P. Singh	Member	A
MOEF&CC Representative			
14.	Shri A. N. Singh	Joint Director & Member Secretary	P
