

Minutes of the 132nd meeting of Expert Appraisal Committee for Projects related to Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects held from 21st - 22nd March, 2014 at Conference Hall, IOC, Scope Complex, New Delhi – 110 003.

1. Opening Remarks of the Chairman.

The Chairman welcomed the members to the 132nd meeting of the Expert Appraisal Committee.

2. Confirmation of the Minutes of the 131st Meeting of the EAC held on 28th February, 2014 and 1st March, 2014 at New Delhi.

The EAC confirmed the minutes of the 130th Meeting.

In items No. 4.4 to 4.7 “ Construction of shoreline protection structures in Tamil Nadu, the word NIO shall be read as ‘NIOT’

3. Consideration of old Proposals

10.30 A.M to 1.30 P.M	
3.1	<p>Correction in Environmental & CRZ Clearance granted for setting up of coal conveyor system, Captive jetty and laying intake and outfall pipeline for the proposed power plant at Perunthottam and Agaraperunthottam villages of Sirkali Taluk, Nagapattinam District by M/s Sindya Power Generated Company Ltd [F. No. 11-62/2012-IA-III]</p> <p><i>The Committee decided to defer the project, since the project Proponent requested for postponement.</i></p>
3.2	<p>Amendment in ToR granted for expansion of Adani Petronet (Dahej) Port Private Limited, Dahej, Bharuch District, Gujarat by M/s Adani Petronet (Dahej) Port Pvt. Ltd. [F.No.11-37/2007-IA.III (P)]</p> <p>PP informed that the ToR for expansion of Adani Petronet (Dahej) Port Private Limited, Dahej, Bharuch District, Gujarat was granted on 02.12.2013. The component ‘Strengthening of existing Ro-Ro ramp’ which was part of Form-I and Project report was not included in the ToR, hence requested to add in the project component.</p> <p><i>The EAC after deliberation recommended inclusion of component ‘Strengthening of existing Ro-Ro ramp’ in the TORs.</i></p>
3.3	<p>Amendment in Environmental and CRZ Clearance granted for expansion of Dhamra Port at Dhamra, Bhadrak Dist of Orissa by M/s Dhamra Port Company Ltd. [F. No. 11-104/2009-IA.III]</p> <p>PP informed that Ministry has granted Environmental and CRZ Clearance for</p>

	<p>expansion of Dhamra Port on 01.01.2014.</p> <p>The capacity of the project as “The cargo handling capacity is 71.3 MTPA including 36.34 dry bulk cargo (coal and limestone), 26.96 MTPA of liquid bulk cargo (crude and naphtha), one million containers and 8 MTPA of clean cargo (steel).”</p> <p>PP requested to amend the clearance as “The cargo handling capacity is 71.3 MTPA including 36.34 dry bulk cargo, 26.96 MTPA of liquid and gas cargo, one million containers and 8 MTPA of clean cargo as contained in the EIA report.”</p> <p>In response to the query the PP informed that the cargo mentioned in the EAC was based on the ToRs however, EIA has been done for the additional cargo also.</p> <p><i>The EAC decided to defer the proposal and requested the Ministry to examine the Form-I & ToRs vis-a vis the request of the PP before considering the matter further.</i></p>
3.4	<p>Corrections in the Minutes of 130th EAC Meeting for the proposal of CRZ clearance for laying of roads and railway line for the SEZ, Dahej, Taluka Vagra, Dist. Bharuch by M/s Dahej SEZ Ltd. [F. No. 11-50/2011-IA-III]</p> <p>The EAC in January, 2014 has recommended the proposal for grant of clearance stipulating certain conditions. PP requested for correction of certain typo clerical error. The EAC recommended the following correction:</p> <p>The agency carried out HTL demarcation to be read as ‘Institute of Remote Sensing (IRS), Anna University, Chennai’ instead of ‘Institute of Environmental Studies and Wetland Management, Kolkata’ .</p> <p>The area falling within CRZ area shall be read as 304.85 acres instead of 224 ha .</p> <p>The condition (i) shall be read replaced by ‘There shall be no allotment of plot in 304.85 acres of CRZ area to industries except for port and harbour or any activity requiring foreshore facilities.’</p>
3.5	<p>CRZ Clearance for construction of Beach Resort in Kanathur village and Vadapatnam village of Cheyyur Taluk, Kancheepuram by M/s V.G. Park Beach Resorts Pvt. Ltd. [F.No.11-34/ 2013- IA.III]</p> <p>The proposal was examined by the EAC in October, 2013 and it had sought the details of water source, permission of Central / State Ground Water Authority, measures to tackle emergencies during natural disasters viz. Tsunami, cyclone etc.</p> <p>PP submitted and presented the details. EAC noted that the water is proposed to be transported from PP’s own site located about 12-14 km through tankers. This did not seem to be a very practical and sustainable arrangement.</p> <p><i>The EAC after deliberation decided to defer the project and suggested to the PP to consider the transportation of water through pipeline and submit the details</i></p>

	<i>along with the permission for the drawal/allotment of water by the Competent Authority.</i>
3.6	<p>CRZ Clearance for construction of Beach Resort in Mahabalipuram village of Thirukalukundaram Taluk, Kancheepuram district by M/s VGS Estates Pvt. Ltd. [F.No.11-35/2013-IA.III]</p> <p>The proposal was examined by the EAC in October, 2013 and it had sought the details of water source, permission of Central / State Ground Water Authority, measures to tackle emergencies during natural disasters viz. Tsunami, cyclone etc.</p> <p>PP submitted and presented the details. EAC noted that the water is proposed to be transported from PP's own site located about 12-14 km through tankers. This did not seem to be a very practical and sustainable arrangement.</p> <p><i>The EAC after deliberation decided to defer the project and suggested to the PP to consider the transportation of water through pipeline and submit the details along with the permission for drawal/allotment of water by the Competent Authority.</i></p>
3.7	<p>Environmental and CRZ clearance for setting up of ship recycling facility near Mundra in Kutchch, Gujarat by M/s Adani Ports and Special Economic Zone Ltd [F.No. 11-7/2012-IAIII]</p> <p>The EAC examined the project in January, 2014 and after deliberation the Committee suggested to the PP to submit the additional information viz. details of the measures to prevent the spillage of oil and paint waste etc, details of Hazardous wastes disposal along with MoU made with the TSDF facility, details of facility of detection of any radioactive materials, details of transportation of waste water, bilge and slop water to the CETP, cumulative impact etc.</p> <p>PP submitted and presented the details based on the cumulative impact. PP also informed that control on handling of radioactive material would be through clearance of the designated agency of Department of Atomic Energy. It was noted that the PP has proposed EMP in respect of ballast, bilge and slop waters, oil, paint wastes, etc, PP has made MoU with M/s Saurashtra Enviro Projects Pvt Ltd , Smakhiyali for disposal of hazardous wastes. PP explained at length the measures proposed to be taken for preventing spillage of oil and paint waste and also the control of the Gujarat PCB on various activity.</p> <p><i>The details submitted and presented by the PP are examined by the EAC. The EAC after deliberation decided the following:</i></p> <ul style="list-style-type: none"> <i>i) PP informed that IMO regulation required all ships above 400 NRT to follow stipulated maritime guidelines. For ships less than 400 NRT , PP shall undertake to provide oil filtration system to remove oil so that it shall be less than 15 ppm</i> <i>ii) The green belt shall also be provided along the new connectivity proposed from west port to the facility.</i> <i>iii) PP shall submit in table form the environmental issues along with EMP of</i>

	<p><i>existing activities, proposed activity and the overall management.</i></p> <p><i>iv) The EAC also decided to call a representative from Gujarat PCB to the next meeting to be assured of its control on stated aspects.</i></p>
3.8	<p>Extension of validity of ToR granted for Port based Multiproduct SEZ at Kandla Port, Bhuj District, Gujarat by M/s Kandla Port Trust [F.No. 11-82/2011-IA-III]</p> <p>PP informed that MoEF had finalized ToR for conducting EIA studies for the proposed “Port Based Multiproduct SEZ at Kandla Port, Bhuj District, Gujarat by M/s Kandla Port Trust” vide letter dated 17.2.2012. The validity period of ToR is 2 years. Accordingly, Kandla Port vide letter dated 16.1.2014 has submitted request in prescribed Form (Updated Form I) for extension of validity period of ToR for a further period of one year i.e. from 17.2.2014 to 16.2.2015.</p> <p>The ToR granted consists of 33 points which requires a detailed study on various Environmental parameters/components & technical aspects also. The proposed project also involves CRZ Clearance .Hence, recommendation of SCZMA is also required to be obtained as per ToR. Therefore, PP requested extension of Validity Period for further period of 1 year i.e. from 17.2.2014 to 16.2.2015.</p> <p><i>EAC recommended for extension of validity of ToR for one year.</i></p>
3.9	<p>CRZ Clearance for intake and outfall facilities for 1X350MW Coal based Supercritical Thermal Power Plant at Ankulapatur Village,Chillakur Mandal, SPSR Nellore District, A.P. by M/s VSF Projects limited, Hyderabad [F.No. 11-79/2012-IA.III].</p> <p><i>The EAC decided to defer the project to the next meeting as the PP requested for postponement.</i></p>
3.10	<p>Environmental & CRZ clearance for Single Mooring Point (SMP) and allied facilities of Veera in Gulf of Kutch for handling crude oil on BOT basis in the State of Gujarat by M/s Kandla Port Trust [F.No.11-27/2010-IA-III]</p> <p>PP informed that MoEF had granted Environmental/CRZ Clearance for the subject project on 11/12/2013. The capacity of SPM has been mentioned as 9 MMTPA and Project cost has been mentioned as Rs. 830 crores against 12 MMTPA and Rs. 621.53 crore in the EC letter. Hence requested for amendment in capacity & estimated cost. PP also informed that the initial estimation was 9 MMTPA however, in the detailed estimation the facility could handle 12 MMTPA and the EIA has been done for 12 MMTPA hence Ministry was requested for amendment of ToR on 26.07.2010.</p> <p>The EAC noted that the clearance is based on statements Form-I and the PP has not got amended the ToR.</p> <p><i>Therefore, the EAC has deferred the project and suggested the Ministry to examine the correspondence made with Ministry regarding the amendment for further consideration of the request.</i></p>

3.11	<p>CRZ Clearance for construction of auction platform at Chennai Fishing Harbour by M/s Chennai Port Trust. [F.No.11-47/2013-IA.III]</p> <p>The proposal was appraised in the 127th EAC meeting held on 28th - 30th October, 2013 and the Committee sought details about the proposal with location, coordinates and dimension details of reclamation work.</p> <p>The details submitted and presented by the PP were examined by the EAC. PP has submitted that subsoil consists of loose to medium dense sand at the top 6m, followed by medium dense to dense sand up to 15m. The proposed expansion of the wharf that is fish auction platform and reclamation can be carried out by Rock bund, Secant Pile wall, Sheet pile wall and Diaphragm wall. The chemical analysis of soil samples and water samples suggest that there are no toxic chemicals are present. The reclamation on seaward side can be carried out with the available material from the excavation. It was also further clarified that the excavation to be carried out for foundation of block wall will be utilized for refilling the backup area. The quantity of excavated material is about 4,800 Cum and the same quantity would be sufficient for back filling and reclamation of the land.</p> <p><i>After deliberation recommended for grant of clearance stipulating following conditions:</i></p> <ul style="list-style-type: none"> <i>(i) All the recommendations of TCZMA shall be strictly complied with.</i> <i>(ii) There shall be no solid, liquid waste disposal on coast.</i> <i>(iii) The excavated material from the construction of foundation block shall be utilised for filling and reclamation.</i>

2.00.PM to 6.00 P.M	
3.12	<p>Environmental and CRZ Clearance for dredging, laying of pipelines at Sikka Shore Terminal by Gujarat State Fertilizers and Chemicals Ltd, by M/s GSFC [F.No. 11-90/2012-IA-III]</p> <p>As presented by the project proponent the proposal involves dredging, laying of pipelines at Sikka Shore Terminal. Gujarat State Fertilizer & Chemicals Ltd, a Gujarat State enterprise was established in 1962 at village Sikka, District Jamnagar, Gujarat. For importing raw materials of fertilizers like liquid Ammonia and Phosphoric Acid, a liquid cargo berth has been constructed in Sikka creek during the year 1987. The present fertilizer production is ~10 lac MT per annum. GSFC intends to expand production looking to the demand for fertilizers. According to the planned expansion, the requirement of liquid Ammonia and Phosphoric acid will be 21.5 Lac MT per annum.</p> <p>The Jetty is located inside Sikka Creek about 3 nautical miles from the anchorage area at Latitude: 22^o 27' 24" N and Longitude: 69^o 47' 51" E. Being a tidal port, the berthing and de-berthing at existing jetty is done only during high tide. There is no night navigation facility, hence, navigation is being done only in</p>

	<p>high tide of the day. The jetty is being used for handling the import of raw materials needed for DAP production at Sikka. The draft allowable is 8m. For the import of raw materials required in keeping with the proposed expansion of fertilizers production, it is required to dredge berthing area up to -11.70m to allow vessels up to 33,000DWT to berth. It is also required to create turning circle of 400m diameter with -8.00 m bed levels for safe manoeuvring of the vessels. The proposal before the EAC includes (i) dredging in berthing area and turning circle near the existing captive jetty to the tune of 2.5 lac Cum. (ii) part of Ammonia (6 inch dia. LTCS line with cold PUFF insulation) and phosphoric acid (6 inch SS 316 L) pipe line from Sikka Shore Terminal (SST) to Motikhavdi plant site located approximately 9.5 km distance and (iii) Installation of additional Ammonia and phosphoric acid storage tank, two 10,000 MT Ammonia Tanks and three 10,000 MT Phosphoric Acid Tanks in the existing premises of SST.</p> <p>The EAC in December, 2012 finalised ToR including conduct of Public Hearing. The Public Hearing was conducted on 17.01.2014 at Sikka. The major issues raised during the PH were employment, transportation facility for school children maintenance of existing pipeline corridor, dredging near MNP etc. The response of the PP was examined. EAC noted that the issues relating to provision of bus facility for school children, disposal of arsenic, etc needed a more positive response from PP. Hence EAC suggested to the PP to consider the issues raised more seriously and sympathetically and provide details.</p> <p>The PP informed that the Notification on Eco- sensitive Zone around MNP &S was made on 22.08.2013. The project is outside the ESZ. The CCF, MNP, Jamnagar vide letter dated 29.01.2014 has stipulated certain conditions.</p> <p><i>The EAC noted that CRZ map does not show the details of the MNP & S and location of dredge material dumping. Therefore the EAC suggested to the PP to submit the revised CRZ map showing all the proposed components, MNP & S with their boundary, dredge location, dredge material disposal etc . the EAC also wanted a more positive and reassuring response on Public Hearing issues like protection of bus facility for school children and disposal of arsenic etc.</i></p>
3.13	<p>Finalization of ToR for expansion of CETP from 55 MLD to 100 MLD in GIDC Vapi Vapad, Gujarat by M/s Vapi Waste & Effluent management Pvt. Ltd. [F.No.10-03/2014-IA.III]</p> <p>As presented by the PP, the proposal is for enhancement of treatment facility from 55 to 100 KLD including addition of tertiary treatment. The existing CETP is in operation for the past 15 years. The treated effluent is being discharged into the adjacent river. Anticipating the additional load, it is proposed to enhance the capacity and also provide tertiary treatment.</p> <p><i>EAC noted that the site is close to a river and the proposed expansion is also proposed close to the river. The EAC after deliberation sought the following information:</i></p> <p>(i) <i>PP should provide the details of Flood plain area, HFL from the PWD/</i></p>

	<p><i>Irrigation Department and superimpose the project layout, Flood plain, HFL, existing facilities and proposed facilities, disposal point on the site map</i></p> <p><i>(ii) Details of consent status, compliance with norms,</i></p> <p><i>(iii) The Committee noted that Vapi is a CEPI area, where there is moratorium for expansion of industries hence PP shall submit justification for creating additional facilities and how additional effluent was expected.</i></p>
3.14	<p>CRZ Clearance for construction of a Beach Resort at S.N.No.125/1A3 of Kokilamedu village, Thirukalukundram Taluk, Kancheepuram District by M/s Silver Reeds Hotels and Resorts Pvt. Ltd. [F.No.11-80/2013-IA.III]</p> <p>The proposal was examined by the EAC in January, 2014 the Committee sought additional information viz. Layout maps and Drawings of each unit/ Module, details of source of water supply, details of tertiary water treatment facility, details of energy saving, details of parking.</p> <p><i>PP submitted and presented the details. PP informed that the required water will be met from Panchayat supply. The EAC was not satisfied with the kind of assured provision for water that was presented by the PP. EAC suggested that the PP should get proper permission for water drawal from the Competent Authority handling ground water drawal or authorized to provide water by the State.</i></p>
3.15	<p>Environment Clearance for second stage expansion of Bengaluru International Airport, Bengaluru, Karnataka by M/s Bangalore International Airport Ltd.[F.No.10-24/2012-IA.III]</p> <p>As presented by the Project Proponent, Bangalore International Airport Limited (BIAL) proposes to expand Bengaluru International Airport operations to cater to 55 MPPA by 2029-2030 along with the required airport infrastructural facilities and non-aeronautical developments including supporting ancillary projects required for International Airport operations. Earlier in July 2011, Ministry had approved the first stage expansion enhancing the passenger handling capacity from 11.4 MPPA to 17.2 MPPA. The Stage 1 expansion has been completed in December 2013. To accommodate the future traffic growth which is forecast to reach the level of 55 MPPA by 2030, this 2nd stage expansion project has been envisaged.</p> <p>The proposed expansion project will be developed within the existing airport site area. No additional land acquisition is involved as all the proposed aeronautical /non-aeronautical infrastructure facilities are planned within the existing airport site area of 1622 ha (4009 acres).</p> <p>Aeronautical Zone (airside) is spread on total site area of around 1213 ha (2998 acres) accounting for approximately 75% of total area of BIA. Aeronautical Zone</p>

is planned to provide all required aviation operational infrastructure to enable ultimate passenger capacity of approximately 55 million and about 1 million tonnes of cargo handling per annum. The airside development will include construction of new passenger terminal along with new second runway, taxiways, aprons & aircraft parking, all aviation facilities & structures etc.

Non aeronautical zone (city-side) covers approximately 409 ha (1011 acres) accounting for approximately 25% of total area of BIA. The non aeronautical development will include aviation/ non-aviation commercial development, hospitality, entertainment, health care, business park, institutional, recreation & commercial facilities, convention centre including creation of new and expanded road network, drainage, utility provisions, parking infrastructure along with development of open/green areas, landscape etc. The proposed non-aeronautical development will support and complement the aviation operations.

The total water requirement of BIAL by 2030 is 53.25 MLD based on the demand forecasts. This will be mainly met by recycling of treated water and rain water harvesting. Fresh water demand will be about 20 MLD, required in phases. Estimated power requirement is 320.57MVA by 2029-30 and will be supplied by BESCOM in phases. For back-up power approx. 10.9 MVA DG is also planned for emergency operational requirements.

As presented by PP, presently well connected sewage collection & treatment system exist in BIAL. The future sewage generation is estimated to be 26.42MLD. New STP Plants based on state-of-the-art technology (MBR, MBBR, SBR) would be installed for sewage treatment in phases as required. Estimated quantity of solid waste generation from airside and city side facilities would be about 59.65 TPD and 122.62 TPD respectively by 2030. With the proposed expansion on aeronautical and non-aeronautical zones, total direct & indirect employment generation potential is about 2.24 lakhs. The overall project cost is around INR 14,867 crores.

The project was examined by the EAC in April, 2012 which finalised the ToR including conduct of Public Hearing. PH was conducted on 29th August 2013. Major issues raised during PH were employment, ground water drawal, basic facilities in adjacent villages etc.

EAC noted that the PP has submitted the compliance of EC conditions to the Regional Office, MoEF at Bengaluru. The report from R.O MoEF, Bengaluru reveals that all the conditions have been complied with.

After deliberation EAC recommended grant of clearance stipulating the following conditions:

- (i) *Clearance shall be obtained from Central Ground Water Board for the ground water drawal as applicable.*
- (ii) *The material for filling and construction shall be sourced from approved quarry only.*
- (iii) *The treated wastewater shall be recycled for green belt, cooling*

	<p><i>system, flushing etc.</i></p> <p>(iv) <i>Green belt shall be developed as committed.</i></p> <p>(v) <i>Rainwater harvesting shall be provided as committed with well planned</i></p> <p>(vi) <i>CSR activities viz. Medical schemes, education, infrastructure facilities shall be carried out as committed.</i></p> <p>(vii) <i>All the recommendations of the EMP shall be complied with in letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF along with half yearly compliance report to MoEF-RO.</i></p> <p>(viii) <i>The responses/commitments made during public hearing shall be complied with in letter and spirit.</i></p>
3.16	<p>Environment Clearance for Bhal Industrial Park at village Moti Boru & Bholad of Taluka:Dholka Distt. Ahmedabad, Gujarat by M/s Gujarat Construction Ltd. [F.No.21-1111/2007-IA.III]</p> <p><i>The Committee decided to defer the project, since the project Proponent requested for postponement.</i></p>
3.17	<p>CRZ Clearance for marine disposal of treated effluent through dedicated pipeline to bay of Bengal from the proposed Bulk Drug unit located in Lankalapalli Palem, Pusapati Rega Mandal, Vizianagaram AP by M/s Loven Labs Pvt. Ltd. [F.No.11-87/2013-IA.III]</p> <p>M/s. Loven Labs Private Limited proposes to establish Synthetic Organic Chemicals (Bulk Drugs) manufacturing unit at Survey. Nos: 49, 50 to 54, 65, 67 & 69, Lankalapalli Palem Village, Pusapati Rega Mandal, Vizianagaram District, Andhra Pradesh.</p> <p>The total water requirement is 408 KLD which shall be drawn from ground water source. The effluent generated from the proposed project is 272.3 KLD containing 121.3 KLD of process and washing effluent. Water requirement and effluent generation is calculated for the worst case 20 products. These effluents are to be treated in effluent treatment plant.</p> <p>The effluent treatment plant consists of equalization tank, neutralization tank, clarifier, stripper and multiple effect evaporator. High TDS and COD effluents from process will be treated in primary treatment consisting of equalization, neutralization and clarifier. The supernatant from the clarifier is sent to stripper to strip/remove the organics. The distillate is sent to incinerator/cement plants for thermal oxidation. The stripped effluents are taken to Multiple Effect Evaporator (MEE) for forced evaporation followed by Agitated thin film dryer (ATFD) for further concentration. The salts from the ATFD are sent/disposed to TSDF and the condensate both from MEE & ATFD will be further treated in the biological</p>

	<p>treatment plant (ETP) to reduce the BOD and COD of the effluents. The treated effluents are subjected to bioassay to ensure compliance with marine disposal standards, before disposal at marine outfall.</p> <p>The proposed plant is about 8 km from the beach and the buried pipeline of marine outfall is alongside of the Kandivalasa Creek (northern side) through the beach into the sea. Rapid marine environmental impact assessment study was conducted by NIO and it was concluded that the prevailing currents at the discharge point during different seasons will further help in dilution and dispersion of the effluents causing no concern for the existing conditions of the marine environment. The report recommended that the discharge point should be beyond 9 m water depth i.e. at 18°04'22'' N and 83°40'14''E which is 1.2 km from LFP. For maximum dispersal of treated effluents a 2 port diffuser system of 0.042 m diameter is recommended with a jet velocity of 2.0 m/sec considering the prevailing physico-chemical and bathymetry data of the study area.</p> <p>National Institute of Oceanography (NIO) conducted the HTL demarcation, according to the demarcation the boundaries of the proposed plant do not fall within the 500 metres from the HTL. The development area does not fall in or contain in its vicinity, any environmentally sensitive and important ecosystem. The Land Fall Point (LFP) and part of proposed buried pipeline route fall within the CRZ area.</p> <p>The NIO suggested the disposal point at 9 m water depth from 1.2 km from HTL. With a two port diffuser system of 0.042 m diameter to attain about 202 times dilution</p> <p>APCZMA conveyed NOC vide letter dated 05.12.2013.</p> <p><i>The EAC after deliberation decided to defer the project and suggested the PP to submit the following:</i></p> <p style="padding-left: 40px;">(i) <i>PP shall submit the details of laying of pipeline below bed of sea/ creek along with the depth, safety etc.</i></p> <p style="padding-left: 40px;">(ii) <i>PP shall obtain NOC from APCB as required under the CRZ Notification, 2011.</i></p>
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2nd Day: 22nd March, 2014

4. Consideration of New Proposals

10.00 A. M to 3.30 P. M	
4.1	<p>Amendment in CRZ / EC granted for 2640 MW Bhavanapadu Thermal Power Project at Kakrapalli Village, Santhabommali Mandal, Srikakulam by M/s East Coast Energy Pvt. Ltd [F.No.10-48/2009-IA.III]</p> <p>East Coast Energy Private Limited (ECEPL) is setting up the 2640MW Bhavanapadu Thermal Power Project at Kakrapalli Village, Santhabommali</p>

	<p>Mandal, Srikakulam District of Andhra Pradesh.</p> <p>Environment Clearance (EC) for the project has been accorded by Ministry of Environment & Forests (MoEF) vide Order No. J-13011/36/2008-IA.II(T) dated 09.04.2009 and Amendment order dated 22.09.2011. The Environment and CRZ clearance was issued by MoEF vide Order No. 10-48/2009-IA.III dated 12.07.2012.</p> <p>The Environment and CRZ clearance was issued for construction of intake facilities for drawal of sea water and discharge of waste water facilities, construction of Jetty for handling of coal, fly ash including closed conveyer system and associated facilities.</p> <p>The Power Project is under implementation in two Phases i.e. Phase I and Phase II of 1320 MW each and the Phase I of the Project is under implementation for commissioning by March, 2016. The Jetty for handling of coal, fly ash including closed conveyer system and associated facilities for the project is now proposed to be constructed as part of the Phase-II of the project, thus requiring a revision in the scheme of the marine facilities.</p> <p>Approved facility: Captive jetty along with <u>Sea water intake facility</u> <u>Intake and outfall pipeline</u> along with closed conveyer on Trestle</p> <p>Proposed facility: Onshore pump house in CRZ area, with intake head along with buried pipeline/outfall in the offshore area No change in the Captive jetty and associated facilities</p> <p>In view of the change in the scheme for the construction of the Marine facilities for the Project, the following studies were carried out:</p> <ol style="list-style-type: none"> a) Addendum to the marine EIA Report carried out by M/s. Indomer Coastal Hydraulics Pvt. Ltd., Chennai b) Revised CRZ, HTL & LTL demarcation carried out by Institute of Remote Sensing, Anna University, Chennai <p>The Andhra Pradesh Coastal Zone Management Authority (APCZMA) issued NOC vide letter dated 23.10.2013.</p> <p>The EAC after deliberation decided to defer the project and suggested the PP to submit the following:</p> <p style="text-align: center;"><i>Design details of the intake, pump house and outfall etc along with laying of pipe line. PP to also give details of facilities he wishes to retain as indicated in EC.</i></p>
4.2	<p>CRZ clearance for improvement of Sion- Panvel State Highway by PWD, Govt of Maharashtra [F.No. 11-5/2014-IA-III]</p> <p><i>The EAC decided to defer the project and suggested that a Senior Officer / Chief Engineer, PWD should attend the meeting.</i></p>

4.3	<p>Finalization of ToR for Edible Oil Park at village Buchenelli, District Medak, AP. M/s Andhra Pradesh Industrial Infrastructure Corporation[F.No.21-24/2010-IA.III(p)]</p> <p>It is noted that the ToR was finalised by EAC in February, 2010 however, the same has not been issued. PP has prepared EIA based on the minutes and got Public Hearing done on 02.04.2013. EAC felt that it was not convinced why ToR was not issued in accordance with the minutes of the EAC meeting. The PP stated that he had gone ahead with the EIA on the basis of the EAC meeting of feb 2010</p> <p><i>EAC desired that the Ministry should check about the issue of ToR in terms of EAC decision of Feb. 2010. It desired that the minutes of the EAC Feb 2010 should be put up and clarify on the issue why the PP went ahead with the EIA.</i></p>
4.4	<p>CRZ for construction of a new lighthouse at Vembar Village, Villathikulam Taluk, Thoothukkudi District. M/s Directorate of Light houses and Lightships. [F.No.11-14/2014-IA.III]</p> <p><i>The EAC decided to defer the project since the PP did not circulate the required document / information to the members.</i></p>
4.5	<p>CRZ Clearance for marine disposal of treated effluent through dedicated pipeline to bay of Bengal at Donepeta, Mentada Village Ranasthalam Mandal, Srikakulam District. M/s Hyacinth Pharma Pvt. Ltd.[F.No.11-13/2014-IA.III]</p> <p>Hyacinth Pharma Private Limited (HPPL) proposes to set up Bulk Drugs (APIs and API Intermediates) Unit at Survey No. 286,287,288, 289/1, 290/1-4 & 291/1, Sancham (V), Ranasthalam (M), Srikakulam (Dist), Andhra Pradesh in an area of 59.1 acres with an investment of Rs. 150 crores</p> <p>The Main project was accorded environmental clearance by MOEF on 09.04.2013. The proposal for CRZ clearance involves laying and operating an outfall pipeline to discharge treated wastewater of 446 KLD in to the sea from the proposed bulk drug unit. The proposed pipeline passes through 200-500 m Development zone and traverses along the bank of the creek towards north-eastern direction and joins the Land Fall Point (LFP) at 18o05'18" N Latitude and 83o04'51" E Longitude. It is located on the northern end of the meandering mouth of Kandivalasa River. The outfall diffuser will be located at 1000 m distance from HTL (shoreline). The outfall will have a multiple port diffuser arrangement system consisting of 4 x 100 mm diameter ports giving rise to initial and secondary dilution of 1000 times. The discharge plume in the sea water will not merge with the discharge of neighbouring unit. The APCZMA granted NOC vide letter dated 18.10.2013. PP obtained NOC from PCB vide dated 07.07.2011.</p> <p>The EAC noted that there are many marine outfalls in the vicinity and the cumulative impact in the event of simultaneous discharge by all outfall needs to be examined. The EAC suggested that the Ministry should address a</p>

	<p>communication to SPCB to consider scheduling the discharge timings for various outfalls based on the quantity, tidal variation etc and have on-line monitoring of outfall area and regular monitoring of the receiving body. The Ministry should also get comments from APPCB on how they plan to control pollution and monitor the area.</p> <p><i>The EAC after deliberation decided to defer the consideration of the project and await the response of APCB.</i></p>
4.6	<p>CRZ Clearance for laying of additional phosphoric acid pipeline from jetty (Kakinada Seaport) to its Plant at Kakinada, Andhra Pradesh by M/s. Coromandel International Ltd. [F.No.11-62/2013-IA.III]</p> <p>The proposal was examined by the EAC in January, 2014 and after deliberation, the EAC sought additional information viz. the exact location of the tanks and details regarding insulation system to be provided for the pipeline passing through the viaduct and also a system for continuous photography of the same as these are corrosive and hazardous substances. The Committee also suggested to submit details for the pressure monitoring system at the site for the proposed and existing pipeline system under the viaduct to detect any leakage in the pipeline during operation.</p> <p>The details submitted and presented by the PP were examined by the Committee. The EAC after deliberation recommended the project for grant of clearance stipulating following conditions;</p> <p><i>(i) As regards continuous monitoring of the pipelines CCTV arrangement shall be provided as committed by PP.</i></p> <p><i>(ii) There shall be storage of only the permissible products within CRZ area.</i></p> <p><i>(iii) All the conditions stipulated by APCZMA shall be strictly complied with.</i></p>
4.7	<p>CRZ Clearance for construction at Sy no. 25/9 to 14, Rushikonda Village, Bheemlili Beach Road, Division no. 06, Zone-I, GVMC, Vishakhapatnam. M/s Ananthakoti Raju Developers Pvt. Ltd. F.No.11-15/2014-IA.III</p> <p>The PP presented the proposal for construction of resort at Survey no. 25/9 to 14, Rushikonda Village, Bheemlili Beach Road, Division No. 06, Zone-I, GVMC, Vishakhapatnam. The geographical location of the site is 17°47'14.11"N latitude and 83°23'4.20" E Longitude on the road connecting Visakhapatnam to Bheemunipatnam.</p> <p>Three no. of blocks namely Main building, Function Hall & Meditation Hall which comprises a Stilt, G + First Floor are proposed to be constructed. The total site area is 4152.05 Sq.mts and the total Built up area (Stilt +G + First floor) will be of 2289.05 Sq mts. The Stilt area has been totally allocated for Parking</p>

	<p>only.</p> <p>HTL demarcation was done by IRS, Anna University. An area of 3771.94 Sq.mt fall in 200-500 m from HTL of CRZ-III and 380.11 sqm is falling within No Development Zone i.e in 0-200 m from HTL as per the approved Coastal Zone management Plan of the area.</p> <p>The water requirement is projected as 3.75 KLD for drinking and 8.0 KLD for other functions. Total Fresh water will be met from GVMC on chargeable basis. GVMC consented supply of water vide letter dated 21.10.2013. The sewage will be treated in STP which comprises of Screen Chamber, Collection Tank, Equalization Tank, Aeration Tank, Secondary clarifier and Territory system like Sand filter and activated carbon filter. The treated waste water will be used for lawn development, green belt area usage and Toilet flushing. Total land allocated for green belt development will be of 2084.34 Sq.mts. The solid waste generated is 20 kg/day will be sent to GVMC – Kapuluppada dumping site.</p> <p>The APCZMA has recommended the project vide letter dated 01.03.2014.</p> <p>The project estimated cost is Rs. 1.15 crores and out of which 0.30 lakhs will be spent for Environmental Management.</p> <p>The EAC wanted details of parking adequacy. The possibility of congesting the main highway by parking of vehicle should be avoided. The EAC after deliberation decided to defer the project and suggested the PP to submit the following:</p> <ul style="list-style-type: none"> (i) <i>Details of parking requirement along with proposed parking and traffic circulation plan etc at peak utilization time considering parking of buses etc.</i> (ii) <i>Details on emergency evacuation in case of disasters/ natural disasters</i> (iii) <i>Details of green belt on the layout.</i> (iv) <i>Details of energy savings along with the estimation.</i>
4.8	<p>Reconstruction of existing Beach Resort at S.M.No. 47/3, 3(a) and 3(b), Devaneri village, Thirukalukundram Taluk, Kancheepuram District. M/s Kences Constructions Pvt. Ltd.F.No.11-75/ 2013-IA.III</p> <p><i>The EAC decided to defer the project since the PP neither circulated the documents nor attended the meeting.</i></p>

Minutes of the 132nd meeting of Expert Appraisal Committee for Projects related to Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects held from 21st - 22nd March, 2014 at Conference Hall, IOC, Scope Complex, New Delhi – 110 003.

List of Participants

Expert Committee

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|---------------------------|----------------------|
| 1. Shri Anil Razdan | Chairman |
| 2. Shri. M.L. Sharma | Vice Chairman |
| 3. Sh. R. Radhakrishnan | Member |
| 4. Shri Prabhakaran | Member |
| 5. Dr. M.V. Ramana Murthy | Member |
| 6. Dr. Anuradha Shukla | Member |
| 7. Shri S.K. Sinha | Member |
| 8. Shri Y.B. Kaushik | Member |
| 9. Ms. Mita Sharma | Representative, CPCB |
| 10. Shri Lalit Kapur | Member Secretary |

MoEF official

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| 10. Shri E. Thirunavukkarasu | Scientist 'C', MoEF |
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