

MINUTES

Minutes of 141st meeting of Expert Appraisal Committee for Projects related to Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects held during 26th to 28th November, 2014.

1. Opening Remarks of the Chairman.

The Chairman welcomed the members to the 141st meeting of the Expert Appraisal Committee.

2. Confirmation of the Minutes of the 140th Meeting of the EAC held on 27th – 29th October 2014 at New Delhi.

The EAC confirmed the minutes of the 140th Meeting of the EAC held on 27th – 29th October 2014 at New Delhi.

3. Consideration of Proposals

3.1 Finalisation of Model ToRs for infrastructure projects

3.1.1 The model draft ToRs for the Airport, Industrial Estate and Port & Harbor were circulated to Members for comments so as to finalize the ToRs.

3.2. Extension of validity of CRZ Clearance granted for intake and outfall facility of 2x660MW Coal based thermal Power plant near Thiyagavalli and kudikadu villages of Cuddalore district, Tamil Nadu by M/s Cuddalore PowerGen Corporation Limited [F. No. 11-116/2008-IA.III]

3.2.1 The Project Proponent informed that the CRZ clearance was granted on 11.06.2009, there is delay in acquisition of land hence requested for extension of validity for a period of five years. There is no change in the scope of the project. The application was made on 9th May, 2014 within validity period.

3.2.2 The EAC recommended for extension of validity of CRZ clearance dated 11.06.2009 for a period of five years with effect from 11.06.2014.

3.3 Extension of validity of CRZ and Environmental Clearance granted for development of deep water port (Phase-I) at Machilipatnam, Andhra Pradesh by M/s Machilipatnam Port Limited [F.No. 10-5/2009-IA-III]

3.3.1 The Project Proponent informed that the Environment and CRZ clearance was granted on 25.11. 2009, there is delay in transfer of land by the Government of Andhra Pradesh hence requested for extension of validity for a period of five years. There is no change in the scope of the project.

3.3.2 The EAC recommended for extension of validity of CRZ clearance dated 25.11.2009 for a period of five years.

3.4 Extension of validity of Environmental Clearance granted for construction of ropeway project between Janki Chatti to Yamunotri, Uttarakhand by M/s Uttarakhand Infrastructure Projects Company Ltd. [F.No.10-128/2007-IA-III]

3.4.1 The Committee decided to defer the project, since the project proponent did not attend the meeting.

3.5 CRZ Clearance for entire complex of R.N. Shetty Trust at Murudeshwar by M/s R.N. Shetty Trust and M/s Naveen Hotels Ltd. (F.No. 11-77/2011-IA-III)

3.5.1 The EAC, in its meeting held in June, 2014 advised the proponent to make a clear legal distinction in identifying, which structures are part of the Trust and which are of the commercial ventures. The proponent was to submit the building plans approved by the local Planning Department, land mutations showing that the area belongs to the Trust or the Hotel.

3.5.2 The proponent made a presentation and informed that:

- i. Government of Karnataka allotted 7 acres on 4.08.1989 to Murudeshwara Temple Trust and 4 acres on 04.06.2002 to Naveen Hotels Ltd.
- ii. Trust leased its hotel to Naveen Hotels Ltd for operation.
- iii. All the structures, for which CRZ clearance is sought, are located on the temple and RN Shetty trust premises.

3.5.3 The Committee noted that a report of the site visit by a team from MoEF was submitted to the Hon'ble High Court recommending the project for a "Post Facto Clearance" subject to the project proponent submitting the EIA report of Murudeshwar complex. Ministry accepted the report and filed a reply in court accordingly. Based on the affidavit by the Ministry, the Hon'ble High Court disposed the case. Accordingly, PP submitted EIA Report. The Committee also noted that this is a case of post-facto approval of EC to the project. This appears to be a violation case. However the High Court has taken up the matter and issued directions after the visit by an MoEF team. The Committee noted that the trust has leased the commercial properties to its related commercial entity, namely, Naveen Hotels Ltd. This is distinct from the temple complex, and appears quite different in time and architecture from the temple and related religious structures. The Committee was inclined to send a sub-committee for more in depth delineation of religious and commercial ventures. However, as a team from MoEF has already visited in the past, MoEF&CC may take its own view in the matter, in the given complexity.

3.6. Environmental and CRZ Clearance for additional coal berths (CB3 and CB4) at Ennore Port, Tamil Nadu by M/s Ennore Port Limited. [F. No. 11-51/2012-IA.III]

3.6.1 The proposal was considered by the EAC in its meeting held in August, 2014. The EAC sought the following information:

- i. It was observed that the port proposed to cut a part of land within the port limit to an extent of 300 m X 300 m and up to a depth of 16 m to construct the proposed berths. The Committee advised the PP to come up with such cases which have obtained Environmental and CRZ clearance by creating a cut within the port area along with the possible impact on the environment and tranquillity of harbour.
- ii. The details of coal handling system from vessel to stockpile be submitted.
- iii. PP proposed a sand trap to prevent siltation of Ennore creek, which is located 2 km south of the Port. The details of sand trap and strategies for dredging of sand trap and disposal of dredge spoil with current situation were asked for.

3.6.2 The proponent made presentation and informed that:

- i. The land portions were cut for creation of port facility at many ports namely New Mangalore Port Trust, Vishakapatnam Port Trust, Paradip Port Trust, Gangavaram Port Trust and Karaikal Port Trust.
- ii. Coal will be transported to the Thermal Power Plant in an elevated conveyor system and also will be stocked in the stack yard. The conveyor system is fully covered with galvanised sheets and translucent sheets at regular intervals. Deck sheets at the bottom of the conveyor will be provided wherever necessary.
- iii. Water sprinklers will be provided for dust control at coal stock yard.
- iv. The Project will be completed in 24 months.
- v. Dredged sand from the sand trap at Ennore creek should be disposed on north of port to prevent erosion of northern coast, which is practiced at vizag port.

3.6.3. The EAC after deliberations recommended for grant of Environment and CRZ clearance with the following conditions:

- i. Dust screens shall be provided with a height of 2 meter above the maximum stack height. Water sprinkling shall be carried out for settling dust. Three layers of green belt of tall growing trees shall be provided on all sides.
- ii. Transportation of coal shall be through covered/ closed trucks/ rail only. Closed conveyor belt shall be used for loading the product in the barges.
- iii. Water sprinklers be provided in the area of coal loading and unloading, storage and vehicle path/roads.
- iv. Energy conservation measures shall be provided which may include use of solar panels, wind mill etc.

3.7. Amendment in CRZ Clearance granted for sea water intake and outfall system and rail line for coal transportation at Palavalasa, Visakhapatnam, Andhra Pradesh by M/s Hinduja National Power Corporation Limited [F.No.11-58/2011-IA.III]

3.7.1 The proposal was considered by the EAC in its meeting held in September, 2014. The EAC noted that the CRZ Notification is silent on the issue of a railway line. Though the Ministry officials clarified that the railway lines are ostensibly being dealt in line with the provisions relating to roads under the Notification, the EAC recommended that the

Ministry should take a conscious and unambiguous view in the matter, whether railway lines in CRZ area can be dealt in a manner similar to roads. In the meanwhile, the project proponent should indicate the exact length of the proposed railway line in the CRZ along with its construction drawings and details.

3.7.2. The Project Proponent made presentation and informed that:

- (i) Out of 2.63 km total length of railway line, 0.375 km is in CRZ-III area. PP presented the CRZ map superimposed with railway line.

3.7.3. The EAC after deliberation suggested to the PP to submit HTL map in KMZ file format. The Committee requested its members, Shri S.K. Sinha and Dr. Ramana Murthy to provide comments relating to alignment of proposed railway line vis-à-vis the HTL line demarcated by the authorized agency using satellite imagery of an appropriate time frame. If any structure of the proposed railway line is within HTL, it should be on stilts. It was agreed that an effort would be made to keep the railway line out of the HTL alignment.

3.8 Environmental and CRZ Clearance of proposed redevelopment of residential building on plot bearing C.S. No.579 at Malabar Hill, Mumbai by M/s Group Satellite Developers Ltd. [F.No.11-70/2007-IA-III]

3.8.1 The proposal was considered by the EAC in its meeting held in September, 2014. The EAC deferred the project and suggested to the PP to submit the recommendation of MCZMA as required under CRZ, Notification, 2011.

3.8.2 The Project Proponent presented and informed that:

- i. MoEF has granted CRZ clearance on 10.07.2007.
- ii. The clearance was for FSI/FAR norms as on 19.02.1991.
- iii. MCZMA granted CRZ clearance vide letter No. CRZ-2011/CR-199/TC-3 dated 07.07.2012.
- iv. Public Hearing was conducted on 12.10.2011 as required under CRZ Notification, 2011.
- v. Proposed construction involves Ground +1 to 4 Podium + 5th Stilt Floor + 6th Floor Service/Refuge area + 7th to 38th residential floors. Duplex-16 Nos. height 150.45 m.
- vi. Total plot area is 5212.41 sqm, FSI area is 6932.51 sqm and Total construction area is 28919.07 sqm.
- vii. Estimated water requirement is 24 KLD, 10 KLD fresh water will be met from MCGM supply, 12 KLD from recycling of treated water and 2 KLD fresh water through tankers for Swimming pool.
- viii. The wastewater generation is estimated to be 13 KLD, STP of 15 KLD capacity is proposed. About 12 KLD of treated water will be recycled for flushing and gardening.
- ix. D.G sets of 700 KVA and 50 KVA in Phase-I and 750 KVA and 200 KVA in Phase-II are proposed as standby.
- x. Parking for 131 four wheelers will be provided against the requirement of 80 (local norms).
- xi. Energy conservation measures with 26.02 % saving are proposed.

3.8.3. The EAC after deliberation recommended for grant of Environmental and CRZ clearance with the following specific conditions:

- i. The treated wastewater shall be recycled and reused for flushing of toilets and landscape to reduce the demand of fresh water as committed.
- ii. Solid waste management shall be collected, treated disposed in accordance with the rules.
- iii. NOC/Clearance from Fire Department shall be obtained prior to start of work.
- iv. The Operation and Maintenance of STP shall be made in the MoU with STP supplier. PP shall ensure regular operation and maintenance of the STP.
- v. Parking facility shall be provided as committed.
- vi. All conditions stipulated by the MCZMA shall be complied with.
- vii. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.9 Environmental Clearance for establishment of common Hazardous waste management facility in Bharuch Gujarat by M/s Innovative Envirocare Jhagadia Ltd. [F.No.10-11/2013-IA-III]

3.9.1 The Project Proponent made the presentation and informed that:

- i. The proposal involves establishment of common hazardous waste management facility in Bharuch, Gujarat on a total plot area of 21632 sqm. Capacity of 30 TPD of Common Hazardous Waste Management facility components: 10 TPD Plasma Gasification System, 20 TPD Incineration System and 100 TPD Multiple Effect Evaporation. The proposed project is located in Industrial area of Jhagadia GIDC.
- ii. Total water requirement is estimated to be 239.2 KLD (Fresh water –195.6 KLD + recovered – 43.6 KLD).
- iii. The power requirement is 2500 KVA.
- iv. Out of total land area of 21,632 sqm. approximately 30% will be used for green belt development. The proposed greenbelt area is 7419 sqm. Species like Baval, Kadam, Neem, Bili, Gulmohar, Ashoka, Ambo, Badam, Pipro, Vadetc are suggested for plantation. The total estimated cost of the project is Rs. 51 crores.
- v. Effluent generation will be about 43.6 KLD which is proposed to be treated in ETP followed by MEE to achieve zero discharge.
- vi. The Sewage generation will be about 19KLD and can be treated in STP and used for gardening.
- vii. Incinerator ash – 1.2 TPD and residue from MEE – 1.5 TPD will be sent to secured Landfill site. The slag -0.88 TPD is proposed to be used as land fill/ construction purposes.

3.9.2 ToRs were finalised by the EAC in its meeting held in April, 2013. Public hearing was conducted on 08.08.2014. Major issues raised during the Public Hearing, inter alia, regarding providing employment to the affected persons.

3.9.3. The EAC after deliberation sought the following from the Project Proponent:

- i. Certification from National Chemical Laboratory on the Safe method of usage of slag.

- ii. Layout showing green belt of at least 5 m width all along the periphery.
- iii. Details on the availability of capacity of the secured land fill facility where the incinerator ash and MEE residue are proposed to be disposed.
- iv. Details of responses on the issues raised during Public Hearing in a tabular form indicating issues raised, and commitments by proponent along with the action plan.

3.10. Finalization of ToR for proposed Strategic Storage of Crude oil Cavern, Manglore, Karnataka by M/s ISPRL [F.No.21-94/2014-IA.III]

3.10.1 The proposal was for CRZ clearance for laying of 1.4 km pipeline and was examined by the EAC in its meeting held in September, 2014 and recommended for grant of CRZ Clearance.

3.11. Finalization of ToR for up-gradation of existing ship recycling yard at Alang Sosiya, Gujarat for undertaking safe and environmentally sound ship recycling operations by M/s Gujarat Maritime Board [F.No.11-43/2014-IA.III]

3.11.1 The Project Proponent made the presentation and informed that:

- i. Alang is located on the Western part of Gulf of Cambay in South Gujarat (Latitude 21⁰15'-21⁰29' N; Longitude 72⁰5'-72⁰15' E).
- ii. Stretching over 10 km of the coastline, extending about 100 m inland from the shore, the area is covered by the port limits of Talaja. At present there are 167 ship recycling plots that are leased out to private entrepreneurs.
- iii. In operation since 1982, over 5500 vessels have been scrapped in the yard, including warships, tankers and even oil rigs.
- iv. Ships are grounded/beached by their own propulsion in high tide.
- v. After the beaching is completed, residual fuels are removed and gas free confirmed.
- vi. Large hull blocks are cut by gas torch.
- vii. Hull block cut will be pulled by winch and further cut to smaller sizes.
- viii. Remaining hull will be towed to shore side by using winches.
- ix. Hull steels and other materials are cut down to truck size or smaller size as required by the market
- x. Main engines or other large equipment will be finally pulled up to the shore and lifted by utilizing cranes.
- xi. All the regulatory requirements on ship recycling procedures such as Gas Free Certificate: Safe for entry and hot work certified by Department of Explosive (PESO), Inventory of Hazardous Waste on board by Gujarat Pollution Control Board (GPCB), Ship Recycling Facility Management Plan (RFMP) and Ship Recycling Plan (SRP) by GMB etc, will be followed.
- xii. Lightening: reduce weight by removing oil, equipment, furniture etc., prior to beaching to tidal amplitude for beaching.
- xiii. Grounding and preparatory works
- xiv. Before commencement of work, all tanks are decontaminated & checked by GPCB.
- xv. Sludge is cleaned with sand and packed, transferred to TSDF with the control of manifest system

- xvi. Asbestos is extracted by trained workers with PPEs, Scattering protection, packed in double sealed bags and transferred to TSDF.
- xvii. Present up-gradation included (i) Pilot project to improve existing infrastructure in Alang area -impervious flooring for 70 plots (150 x 60 or 150 x 90 m) in Phase-I and remaining 97 in Phase-II, (ii) Dry Dock facility for the purpose of pre-cleaning of hazardous materials and wastes, (iii) Waste oil treatment system and Incinerator and (iv) Housing, Hospital facilities, community centre, community school to be developed for welfare of labourer's working at the yard.

3.11.2 The EAC after deliberation recommended for granting ToR with the following specific ToRs:

- i. Details of the processes for each activity, generation of wastes, types quantity and methodology for collection, storage, treatment and disposal of wastes be submitted.
- ii. MoU with authorized agency for disposal of hazardous wastes if any be submitted,
- iii. Detailed base line marine water quality vis-a-vis likely impact due to ship breaking and mitigation proposed be submitted.
- iv. Details of personal prospective equipments (gas masks, dust masks, hand gloves, safety shoes, safety goggles, etc) for workers engaged for cutting, dismantling, isolation and segregation process be submitted.
- v. Details of the reclamation along with the source of materials and its quantity & quality be submitted .
- vi. Details of shore line changes along with the shore protection if nay required be submitted .
- vii. Details of Environmental Management Plan and Environmental Monitoring Plan with parameters and costs be submitted
- viii. Details of Oil Spill Contingent Management Plan be submitted .
- ix. Details of Risk Assessment, Disaster Management Plan including emergency evacuation during natural and man-made disaster like floods, cyclone, tsunami and earth quakes etc. be submitted
- x. Public Hearing should be conducted for the project in accordance with provisions of Environment Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan along with the action plan.

3.12 Finalization of ToR for proposed construction of Industrial Park at Attivaram Village, TalukaOzili, District Sree Potti Sriramulu Nellore, Andhra Pradesh by M/s APIIC [F.No.21-93/2014-IA.III]

3.12.1 The Project Proponent made a presentation and informed that:

- i. A Market Demand Study was carried out and the markets were found to be of good scope in the District for Engineering Fabrication Industries, Steel Alloy Manufacturing Units, Active Pharmaceutical Ingredients, Glass Manufacturing Units, Electroplating units, Lubricating oil manufacturing units, Electrical and electronics assembling and the given site is being proposed to develop the potentials in these field. One Bulk Allotment is made for M/s. DRA Industries Ltd. (104.23 Area). This industry is already existing at site – 93978 MTPA Steel Alloy manufacturing Industry. Another Industry M/s. Nithya Steels & Alloys Pvt. Ltd. (20.45 Acres) already exists at site.
- ii. Total area is 406.26 acres, there are a total 64 plots proposed for the site.
- iii. Internal road of 24 m width is proposed within the site.
- iv. Common Facility Area (12.21 Acres = 4.04 %) includes Administration Building, Common Facilities Like Bank, ATM, Canteen, Post Office, Weigh Bridge, Truck Parking Area, Fire Station and Occupational Health Centre, truck parking area of 4500Sqm for about 200 trucks.
- v. Apart from this raw water storage tank, waste processing area, are proposed.
- vi. The water requirement is estimated to be 2287 KLD (10 KL/acre) will be sourced from the Kandaleru Reservoir which is around 46 Km from site.
- vii. 10 m width buffer Zone (Green Belt) will be provided all along the boundary of Industrial park
- viii. A water body is present adjacent to the site
- ix. Nearest habitation is about one km from the boundary of the site

3.12.2 The EAC after deliberation recommended for granting ToR with the following specific ToRs:

- i. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. Justification for site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
- ii. Examine details of land use around 10 km radius of the project site including the presence of eco- sensitive zones, National park, Wildlife Sanctuary. Analysis should be made based on latest satellite imagery for land use with raw images.
- iii. Examine impacts of proposed project on the nearest settlements.

- iv. Examine baseline environmental quality along with projected incremental load due to the project.
- v. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area.
- vi. Examine details of the land use break-up for the proposed project. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
- vii. Details of Green belts.
- viii. Details of the trees to be felled for the project be submitted.
- ix. Details of the infrastructure to be developed be submitted.
- x. Details regarding R&R involved in the project be submitted.
- xi. Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act be submitted.
- xii. Ground water classification according to the Central Ground Water Authority be submitted.
- xiii. Examine the details of water requirement, source of water vis-à-vis waste water to be generated along with treatment facilities proposed, use of treated waste water and prepare a water balance chart.
- xiv. Examine the details of rain water harvesting. Proposals should be made with due safeguards for ground water quality; maximizing recycling of water and utilization of rain water.
- xv. Details of solid waste generation, treatment and its disposal examined.
- xvi. Details of use of solar energy and alternative source of energy to reduce the fossil energy consumption be examined and submitted.
- xvii. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment be examined and submitted.
- xviii. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
- xix. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.

- xx. Details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster be submitted.
- xxi. Public Hearing should be conducted for the project in accordance with provisions of Environment Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan.

3.13 Environmental Clearance for expansion of PWD Chembur Project at S. No. - 469 (A), Chembur, Mumbai, Maharashtra by M/s Joynest Premises Pvt. Ltd. [F.No.21-57/2014-IA-III]

3.13.1 The proposal was considered by the EAC in its meeting held on 18th October, 2014. The EAC noted that the PWD is owner of the plot and M/s Joynest Premises Pvt is the concessionaire. From a scrutiny of the concession agreement, it is gathered that there are several clauses relating to suo-moto termination of concession agreement in case of violations. The Committee was of the view that it would be proper to get endorsement from PWD, GoM that there is no adverse proceeding against the concessionaire and the concession agreement holds good to proceed with the proposal. The proposal will be taken up after the receipt of the above details/endorsement.

3.13.2. The Project Proponent made the presentation and informed that:

- i. Superintendent Engineer, Thane (PW) Circle vide letter No. TC/PB-6/BCD/5279 of date 21.10.2014 conveyed that the agreement with M/s Joynest Premises Pvt Ltd is in full force.
- ii. Total plot area is 40,000 sq.m. and total construction area is 1,48,484.23sq.m. The ground structures will comprise of 20 Residential Buildings. FSI area is 99071.26sqm and total construction area of 1,48,484.23sqm. Total 729 flats shall be developed. Maximum height of the building is 46 m.
- iii. During construction phase, total water requirement is expected to be 100 KLD which will be met by water tankers. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for labor force.
- iv. During operational phase, total water demand of the project is expected to be 623 KLD and the same will be met by the MCGM/Recycled Water. Wastewater generated (429 KLD) from domestic uses will be treated in three STPs of total 450 KLD capacity. 276 KLD of treated wastewater will be recycled (189 for flushing, 50 for gardening). About 148 KLD will be disposed in the municipal drain.
- v. About 2.07 TPD solid waste will be generated in the project. The biodegradable waste (1.17 TPD) will be processed in OWC and the non-biodegradable waste generated (0.90 TPD) will be handed over to authorized local vendor.
- vi. The total power requirement during construction phase is 100 KVA.

- vii. The total parking space provided for 2437 nos against the requirement of 2279.
- viii. Rooftop rainwater of buildings will be collected in 5 RWH tanks of total 694 KLD capacity for harvesting after filtration.
- ix. Parking facility for 2437 ECS is proposed to be provided against the requirement of 2279 ECS (according to local norms).
- x. Proposed energy saving measures would save about 26.8 % of power.

3.13.3 The EAC noted that project included FSI of 65071.26 sqm from Fungible FSI, available by Development Right etc FSI which is yet to be purchased by the PP. PP has requested for grant of EC for the presently available FSI of 34,000 sqm

3.13.4 The EAC after deliberation recommended for grant of EC for the presently available FSI of 34,000 sqm with the following specific conditions:

- i. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- ii. Solid waste management shall be collected, treated disposed as rules.
- iii. PP shall comply with the conditions of NOC/Clearance obtained from fire department.
- iv. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- v. Parking facility with 6 m driveway shall be provided as committed.
- vi. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- vii. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- viii. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.14. Environmental Clearance for proposed redevelopment of L.I.G-II A, B & C situated on land bearing S.No.22, H.No.1 to 11(pt) at village Chikanghar, tal: Kalyan, dist: Thane by M/s Tycoons Avanti Projects LLP [F.No.21-75/2014-IA.III]

3.14.1 The Project Proponent made a presentation and informed that:

- i. Proposed project consists of one rehab building with two towers and 1 sale building with 3 towers. The plot area of proposed site is 8,790.83 sqm. FSI area is 41,004.21 sqm and total construction area of 1,14,093.76sqm. Total 705 tenements shall be developed. Maximum height of the building is 91.35 m.
- ii. Total water requirement is estimated to be 490 KLD which will be met from the supply of KDMC and reuse of treated wastewater. Fresh water requirement will

be 322 KLD. The wastewater generation is estimated to be 457 KLD which is proposed to be treated in two STP of total 480 KLD capacity. PP proposed to reuse about 168 KLD of treated wastewater for flushing, about 50 KLD for landscape.

- iii. Total solid waste generation is estimated to be 1823 kg/day.
- iv. Parking facility for 380 ECS is proposed to be provided against the requirement of 359 ECS (according to local norms).
- v. Rooftop rainwater harvesting potential is estimated to be 85 KLD and will be collected in 4 RWH tanks of total 170KLD capacity for harvesting after filtration.
- vi. Proposed energy saving measures would save about 23.06% of power. Two D.G sets of 320 KVA proposed as standby.
- viii. The project cost is Rs.260 Cr.

3.14.2 The EAC after deliberation sought the following additional information for further consideration:

- i. The DG sets are proposed to be located at the boundary, the Committee suggested to relocate them inside the plot and submit a revised layout.
- ii. PP shall obtain Fire clearance.
- iii. Keeping in view of the commercialisation of the building, the parking proposed appears inadequate and will clog the road. PP shall provide adequate parking and submit revised layout.

3.15 Environmental Clearance for proposed redevelopment of M.I.G.-I A & B situated on land bearing S.No.22, H.No.(1+2+3+4+5+6+7+8+9+10+11)(PT), S.No. 42A, H.No. 1(Pt), S.No. 42A, H.No. 2(Pt) at Village Chikanghar, Tal: Kalyan, Dist: Thane by M/s Tycoons Avanti Projects LLP[F.No.21-76/2014-IA.III]

3.15.1. The Project Proponent made a presentation and informed that:

- i. The proposed site of redevelopment project is planned at Village Chikanghar in Kalyan district located on 19°14'49.96"N Latitude and 73°08'41.12"E Longitude.
- ii. Project is accessibly by 18 m wide DP road on east side leading to 30 m wide state highway, 9 m wide road on North Side and 6 m road on west side. The proposed site is located at about 2 km from Kalyan Railway Station.
- iii. Project comprises of rehab building with 2 towers and sale building with 3 towers. The total number of tenements are 571 (Sale 355 + Rehab 216) and 10 no. of convenient shops and 12 Nos. of offices. The plot area of proposed site is 9640 sqm, FSI area is 38,112.98 sqm and total construction area of 1,01,080.53 sqm. Total 571 tenements shall be developed. Maximum height of the building is 85.55 m.
- iv. Total water requirement is estimated to be 392 KLD which will be met from the supply of KDMC and reuse of treated wastewater. Fresh water requirement will be 259 KLD. The wastewater generation is estimated to be 366 KLD which is proposed to be treated in the STP of 380 KLD capacity. PP proposed to reuse about 133 KLD of treated wastewater for flushing, 50 KLD for landscape. Total solid waste generation is estimated to be 1457 kg/day.

- v. Parking facility for 500 four wheelers is proposed to be provided against the requirement of 450 (according to local norms).
- vi. Rooftop rainwater harvesting potential is estimated to be 90 KLD and will be collected in 2 RWH tanks of total 80 KLD capacity for harvesting after filtration.
- vii. Proposed energy saving measures would save about 22.59 % of power.
- viii. The project cost is Rs250 Cr.

3.15. 3. The EAC after deliberation sought the following additional information for further consideration:

- i. The DG sets are proposed to be located at the boundary, the Committee suggested to relocate inside the plot and submit the revised layout
- ii. PP shall obtain Fire clearance
- iii. Keeping in view of the commercialisation of the building, the parking proposed appears inadequate and will clog the road. PP shall provide adequate parking and submit revised layout.

3.16. Environmental Clearance for residential project with MCGM Parking Scheme on plot bearing CTS No. 1588 of sub plot 'C' of village Dahisar, Mumbai by M/s Tanvi Construction Pvt. Ltd. [F.No.21-78/2014-IA.III]

3.16.1 The Project Proponent presented and informed that:

- i. The proposed site of residential project is planned at Village Dahisar in Mumbai Suburban district located on 19°15'16.38" Latitude and 72°52'06.56" Longitude.
- ii. The proposed project is accessible by 18.5 m wide DP road abutting Western Express Highway. The proposed site is located at about 1.6 km from Dahisar Railway Station.
- iii. The project comprises of residential building with 2 Wings (Wing A& Wing B) having configuration of 2B+G+ 7P + 8thto 44thFloor. The plot area of proposed site is 6,710.20 sqm, FSI area is 24,372.77 sqm and total construction area of 70,242.92. Total 340 tenements shall be developed. Maximum height of the building is 141.25 m.
- iv. Total water requirement during construction phase is 42KLD which will be met through private water tankers. During operation phase, the total water requirement is estimated to be 241 KLD which will be met from the supply of MCGM and reuse of treated wastewater. Fresh water requirement will be about 160 KLD. The waste water generation is estimated to be 225 KLD which will be treated in the STP. Sewage Treatment Plan of total capacity of 230 KLD will be provided. About 87 KLD of treated water will be reused (81 KLD for flushing and 6 KLD for gardening).
- v. Construction waste is proposed to be reused in pavement. During operational phase, the solid waste generation is estimated to be 867kg/d. It will be segregated into biodegradable (waste vegetables and foods, etc.) and recyclable (paper, cartons, thermocol, plastics, glass, etc.) components and collected in separate bins.
- vi. The total power demand is estimated to be 5.7 MW which will be met from MSEDCL.
- vii. DG sets of 500 kVA capacity for power back up are proposed.

- viii. Parking facility for 434 numbers for four wheelers and two wheelers 1763 Nos proposed to be provided against the requirement of 389 numbers (according to local norms).
- ix. Rooftop rainwater harvesting potential is estimated to be 13.4 KLD and will be collected in 100 KLD tank capacity for harvesting after filtration.
- x. Proposed energy saving measures would save about 21.99 % of power.
- xi. The project cost is Rs153.46Cr.

3.16.2 The EAC after deliberation recommended for grant of EC to the project with the following specific conditions:

- i. The project falls within 10 km from Sanjay Gandhi National Park and therefore requires clearance from the NBWL
- ii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- iii. Solid waste management shall be collected, treated and disposed according to the Rules.
- iv. PP shall comply with the conditions of NOC/Clearance obtained from fire department.
- v. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- vi. Parking facility with 6 m driveway shall be provided as committed.
- vii. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- viii. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- ix. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.17. Environmental Clearance of redevelopment of Borla Soc, property bearing C.T.S. No. 104, 104/1 to 22 of village Wadhivali, Chembur, Mumbai by M/s Vardhaman Developers Limited [F.No.21-79/2014-IA.III]

3.17.1 The Project Proponent made the presentation and informed that:

- i. The proposed site of redevelopment and is planned at Village Wadhivali, in Chembur located on 19°02'47.09"N Latitude and 72°54'07.17"E Longitude.
- ii. The proposed project is accessible from 36.6 m wide Choitram Gidwani Marg and 24.4 m wide Aloysies Soares Marg. The proposed site is located about 1.7 km away from Chembur Railway Station.
- iii. The project comprises of residential building with 5 wings of 2B+S+17 upper floors and 1 wing of 2B+S+14 upper floors. The Plot area of proposed site is 13,940.20 sqm, FSI area is 33,694.78 sqm, Non FSI area 39,648.85 sqm and Total Construction Area is 60,477.19 sqm. Total 382 nos. of tenements shall be developed. Maximum height of the building is 53.25 m.
- iv. Total water requirement during construction phase is 45 KLD which will be met through private water tankers. During Operation phase, the total water requirement is estimated to be 258 KLD which will be met through Municipal

Corporation of Greater Mumbai and treated waste water. Fresh water requirement will be about 172 KLD during Non-Monsoon Season and 110 KLD in Monsoon Season. The Waste water generation is estimated to be 241 KLD which will be treated in the STP. Sewage Treatment Plant of total capacity 250 KLD will be provided. About 103 KLD of treated waste water will be reused (86 KLD for flushing and 17 KLD for gardening).

- v. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 955 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.
- vi. The total connected load is estimated to be 7.2 MW which will be met from Tata/Reliance. DG sets of 1500 kVA capacity for power back up are proposed.
- vii. Parking facility for 817 numbers for four wheelers proposed to be provided against the requirement of 389 numbers (according to local norms).
- viii. Rooftop rainwater harvesting potential is estimated to be 62 KLD. 4 RWH tanks of total 140 KLD capacity for harvesting after filtration are proposed.
- ix. Proposed energy saving measures would save about 22 % of power.
- x. The project cost is Rs. 212 Crore.

3.17.2 The EAC after deliberation sought the following additional information for further consideration

- i. The DG sets, STP, Sub- Station are proposed to be located at the boundary, the Committee suggested to relocate them inside the plot and submit the revised layout
- ii. PP shall obtain Fire clearance
- iii. Minimum 6 m driveway

3.18. Environmental Clearance for Residential Building on plot bearing C.T.S. No. 1269[Pt] Of Village Kirol at Chittaranjan Nagar Rajawadi, Ghatkopar [East] Mumbai by M/s Tanishq Builders & C.A. to Chittaranjan Nagar Vidya CHS. Ltd. [F.No.21-80/2014-IA.III]

3.18.1 The Project Proponent made a presentation and informed that:

- i. The proposed site of redevelopment is planned at Village Kirol, in Ghatkopar (E) located on 19°04'47.10"N Latitude and 72°53'56.19"E Longitude.
- ii. The proposed project is accessible by 9.1m wide Chittaranjan Road and 6.1 m wide road connecting to R N Gandhi Road. The proposed site is located about 0.16 km away from Vidyavihar Railway Station.
- iii. Proposed project consists of one residential building with 5 wings. The Plot area of proposed site is 7,806.72 m², FSI area is 26,347.01sqm, Non FSI area 15,846.20 sqm and Total Construction Area is 42,193.21 sqm. Total 382 nos. of tenements shall be developed. Maximum height of the building is 48.15 m.
- iv. Total water requirement during construction phase is 36 KLD which will be met through private water tankers. During Operation phase, the total water requirement is estimated to be 192 KLD which will be met through Municipal Corporation of Greater Mumbai and treated waste water. Fresh water requirement will be about 128 KLD during Non-Monsoon Season and 78 KLD in

Monsoon Season. The Waste water generation is estimated to be 173 KLD which will be treated in the STP. Sewage Treatment Plant of total capacity 180 KLD will be provided. About 67 KLD of treated waste water will be reused (64 KLD for flushing and 3 KLD for gardening).

- v. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 710 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.
- vi. The total energy consumption is estimated to be 2.6 MW which will be met from Reliance. DG sets of 750 kVA capacity for power back up are proposed.
- vii. Parking facility for 360 numbers for four wheelers proposed to be provided against the requirement of 328 numbers (according to local norms).
- viii. Proposed energy saving measures would save about 21.30 % of power.
- ix. Rain Water harvesting potential is estimated to be 42.8 KLD. 4 RWH tanks of total 100 KLD capacity for harvesting after filtration are proposed.
- x. 17 numbers of trees to be cut and 60 numbers of tree saplings to be planted.
- xi. The project cost is Rs. 93 Crore.

3.18.2 The EAC after deliberation recommended for grant of EC for the project with the following specific conditions:

- i. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- ii. Solid waste management shall be collected, treated, and disposed according to the Rules.
- iii. PP shall comply with the conditions of NOC/Clearance obtained from fire department.
- iv. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- v. Parking facility with 6 m driveway shall be provided as committed.
- vi. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- vii. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- viii. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.19. Environmental Clearance for Educational Complex on plot bearing CTS No. 1100 G (4), M. G. Road, Kandivali (W), Mumbai by Shree Ramkrishna Shikshan Mandal[F.No.21-81/2014-IA.III]

3.19.1 The project proponent did not attend the meeting and the project was deferred.

3.20 Environmental Clearance for proposed Residential cum Commercial Project at land bearing CTS No. 16, 17, 18, 19, 20, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40 of village Tembhari, Taluka - Khalapur, Raigad, Maharashtra by M/s Proficient Projects Buildcon Pvt Ltd. [F.No.21-84/2014-IA.III]

3.20.1 The Project Proponent made the presentation and informed that:

- i. The proposed site of residential project is planned at Village Tembhari in Raigad district located on 18°53'01.76" N Latitude and 73°12'40.76" E Longitude.
- ii. The proposed project is accessible by 12.5 m wide MIDC Pipe Line Road off - NH4 and abutting to the Mumbai-Pune Expressway. The proposed site is located at about 3.67 km from Chowk Railway Station.
- iii. Proposed project consists of 176 residential building of S + 4F, 18 row houses, 18 twin houses, school building, hospital, shopping area, club house, transport hub and substation. The plot area of proposed site is 4, 35,438 sqm, FSI area is 1,53,293 sqm and total construction area of 2,32,983 sqm. Total 3600 tenements shall be developed.
- iv. Karnala Bird Santuray is about 10.5 km, and Matheran is about 12.3 km.
- v. Total water requirement during construction phase is 69 KLD which will be met through private water tankers. During operation phase, the total water requirement is estimated to be 2497 KLD which will be met through Maharashtra Jeevan Pradhikaran. Fresh water requirement will be about 1642 KLD. The waste water generation is estimated to be 2333 KLD which will be treated in three STPs of total capacity of 2500 KLD. About 1293KLD of treated water will be reused (855 KLD for flushing and 438 KLD for gardening).
- vi. Construction waste is proposed to be reused in pavement. During operational phase, the solid waste generation is estimated to be 9300 kg/d. It will be segregated into biodegradable (waste vegetables and foods, etc.) and recyclable (paper, cartons, thermocol, plastics, glass, etc.) components and collected in separate bins.
- vii. The total power demand is estimated to be 20 MW which will be met from MSEDCL. DG sets of 2500 kVA capacity for power back up are proposed.
- viii. Parking provision of four wheelers is 760 Nos. and two wheelers 1763Nos. are made.
- ix. Parking facility for 760 numbers for four wheelers and 1763 numbers for two wheelers, 6 School Buses and 3 Ambulances proposed to be provided against the requirement of 612 numbers (according to local norms).
- x. Proposed energy saving measures would save about 21.73 % of power.
- xi. 4RWH tanks of total 100 KLD capacity for harvesting after filtration are proposed
- xii. 13 trees to be cut and 2177 tree saplings to be planted

3.20.2 The SEAC -2 (MMR) has recommended the ToRs in its 8th meeting held on 31.01.2013 and based on which the PP has submitted the EIA report has on 07.02.2014. The file from SEIAA was transferred to MoEF&CC.

3.20.3 The EAC after deliberation recommended for granting EC to the project with the following specific conditions:

- i. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- ii. Solid waste management shall be collected, treated and disposed according to the Rules.

- iii. PP shall comply with the conditions of NOC/Clearance obtained from fire department.
- iv. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- v. Parking facility with 6 m driveway shall be provided as committed.
- vi. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- vii. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- viii. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.21. Environmental Clearance for proposed Residential Project with Rental Housing Scheme at Survey No 5/2, 5/3, 5/5, 5/6, 6, 11/1 & 2, 12/1, 12/2, 12/3, 12/5, 12/7, 12/9, 12/11, 13/1, 13/2A etc., village Balkum, Thane by M/s Dosti Enterprises. [F.No.21-85/2014-IA.III]

3.21.1 The Project Proponent mad a presentation and informed that:

- i. The proposed site of residential project is planned at Balkum Village in Thane located on 19°13'38.78" N Latitude and 72°59'49.38"E Longitude.
- ii. The proposed project is accessible from a 45 m wide road, 30 m wide road, HCTMR road, 20 m wide road and 60 m wide Old Agra Road on the south side. The proposed site is located at about 4.5 km from Thane Railway Station.
- iii. Proposed project consists of 4282 sale flats, 27 shops, 7834 rental housing flats. The plot area of proposed site is 2, 80,420 sqm, FSI area is 5, 33,713.44 sqm and total construction area is 8, 33,031.72 sqm. Total 12,116 nos. of tenements shall be developed. Maximum height of the building is 89.85 m.
- iv. Total water requirement during construction phase is 70 KLD which will be met through private water tankers. During operational phase, the total water requirement is estimated to be 8211 KLD which will be met through Thane Municipal Corporation and treated waste water. Fresh water requirement will be about 5467 KLD. The Waste water generation is estimated to be 7659 KLD which will be treated in the STP. Sewage Treatment Plant of total capacity 8000 KLD will be provided. About 2938 KLD of treated waste water will be reused (2744 KLD for flushing and 194 KLD for gardening).
- v. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 30,410 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins. Biogas Plant of 12 TPD capacity is proposed.
- vi. The total energy consumption is estimated to be 70.9 MW which will be met from MSEDCL. DG sets of 12350 kVA capacity for power back up are proposed.
- vii. Parking facility for 9168 numbers for four wheelers and 4530 numbers for two wheelers, proposed to be provided against the requirement of 9155 and 4498 numbers respectively (according to local norms).
- viii. Proposed energy saving measures would save about 20.86 % of power.
- ix. Rooftop rainwater of buildings will be collected in 24 RWH tanks of total 1025 KLD capacity for harvesting after filtration.

- x. 13 trees to be cut and 2177 tree saplings to be planted
- xi. The project site is about 4 km from Sanjay Gandhi National park.
- xii. The plot is partially affected by the CRZ, no activities are proposed in CRZ areas. MCZMA recommended the project vide letter no. CRZ-2013/CR-257/TC-4 of date 16.06.2014.
- xiii. The project cost is Rs. 1956Crore.

3.21.2 The SEIAA has recommended the ToRs in its 31st SEAC meeting held on 30.01.2010, accordingly the EIA report has been submitted on 20.08.2014 .The file from SEIAA has been transferred to MoEF&CC.

3.21.3 The EAC after deliberation recommended for granting EC to the project with the following specific conditions:

- i. PP shall submit an undertaking that there shall be no activity within CRZ areas.
- ii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- iii. Solid waste management shall be collected, treated and disposed according to the Rules.
- iv. PP shall comply with the conditions of NOC/Clearance obtained from fire department.
- v. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- vi. Parking facility with 6 m driveway shall be provided as committed.
- vii. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- viii. PP shall submit the information in accordance with the OM dated 20.08.2014 with respect to Wild life Clearance.
- ix. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- x. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.22. CRZ Clearance for proposed construction of Surya Integrated Water Supply Scheme for Bulk Water Supply to Western Sub-Region of MMR by M/s MMRDA, Mumbai[F.No.21-95/2014-IA.III]

3.22.1 The title of the project was wrongly mentioned as 'ToR instead of CRZ clearance. Therefore, the title was corrected as 'CRZ clearance'

3.22.2 The Project Proponent made the presentation and informed that:

- i. The project involves laying of pipeline of 2.2 m dia from Kawadas pickup weir 5km d/s of Surya Dam reservoir located at Tal. Jawhar, Dist. Thane to Mira Bhainder Municipal Corporation and Vasai-Virar City Municipal Corporation. The pipeline is passing Vasai Creek through tunnel, Tansa River and Vaitarna River.

- ii. The tunnel (880 m) in Vasai creek, area falls within CRZ-III area. MCZMZ considered the proposal in its 87th Meeting held on 20th January 2014 and recommended the project vide letter No. CRZ-2013/CR-336/TC-4 of date 24th April 2014 subject to certain conditions:

3.22.3 The EAC after deliberation recommended for granting EC to the project with the following conditions:

- i. The proposed construction should be carried out strictly according to the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines / clarifications given by MoEF from time to time.
- ii. The material excavated (soil debris) generated will be reused for back filling purposes / disposed to authorised waste disposal site outside CRZ area.
- iii. Water treatment plant shall be located in Non CRZ area.
- iv. Five times the number of mangroves destroyed/ cut during the construction process should be replanted. The plan for the same shall be submitted to MCZMA.
- v. Hon'ble High Court permission is mandatory, if construction activity is in mangrove or its 50 metre buffer zone area
- vi. All the other mandatory permission from different statutory authorities should be obtained prior to commencement of work.

3.23. Environmental Clearance for redevelopment project at C.S. No. 585,587,588 & 589 of Girgaum Division, Amrutwadi, V. P. Road, Khotachiwadi, Mumbai by M/s. Rohan Developers Pvt. Ltd. [F.No.21-97/2014-IA.III]

3.23.1 The Project Proponent made a presentation and informed that:

- i. Proposal is under modified DC regulation 33(7) for redevelopment of 'A' category cessed structures.
- ii. Municipal Commissioner has granted approval to the project.
- iii. The project site is occupied by 9 old residential buildings with shops, which will be demolished & site will be developed into residential development with shops
- iv. The project will rehabilitate 336 number of residential tenants and 25 non residential in a new building with hygienic conditions of modern living.
- v. The proposal involves construction of three building Two for rehabilitation and one for sale. Redevelopment Building No. 1 with 2 Wings A & B: Ground (Part Stilt) + 22nd upper floors, Height - 69.84 m. Building No. 2 : Ground floor structure, Total flats: 336 nos and Shops: 25 nos. Sale Building with Wing C & D : Basement + Ground (Part Stilt) + 1st to 4th Parking floor + 5th to 20th upper floors. Height is 69.80 mt. Total flats -92.
- vi. 20 numbers of Parking for Two wheelers are proposed.

3.23.2 The EAC after deliberation recommended for granting EC to the project with the following conditions:

- i. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- ii. Solid waste management shall be collected, treated and disposed according to the Rules.
- iii. PP shall comply with the conditions of NOC/Clearance obtained from fire department.
- iv. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- v. Parking facility with 6 m driveway shall be provided as committed.
- vi. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- vii. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- viii. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.24. Environmental Clearance for construction of “Prerna Co-op Housing Society” at Plot bearing C.S. No.777 (pt.), 778 (pt.),779(pt.)780(pt.), New C.S.No.1004 of Worli-Div known as "New Municipal Labour Camp, G/South Ward, at Sasmira Marg, Worli, Mumbai. State - Maharashtra by M/s. Saumya Buildcon Pvt. Ltd. [F.No.21-102/2014-IA.III]

3.24.1 The Project Proponent made the presentation and informed that:

- i. The proposed construction is under the Redevelopment scheme.
- ii. CRZ clearance obtained from MOEF on 24th January 2007
- iii. Got approval of Brihan Mumbai Mahanagarपालिका for FSI of 2.0 vide letter No. Dy.ch.E (P.I.Cell)/1881 of 22.03.2007.
- iv. MCZMA recommended the project vide letter No. CRZ-2013/CR-197/TC-3 dated 14.11.2013. According to MCZMA, the site is in CRZ -II area on landward side of Sasmira Marg.
- v. Public consultation was carried out on dated 20.06.2012
- vi. RCC and Civil work completed for redevelopment building
- vii. School completed up to slab level of 4th Floors
- viii. Foundation partly completed for sale building and shops
- ix. Total plot area is 7872.14. FSI area is 15,645.70 sqm and Total construction built-up area is 44,582.38sqm. Proposed project consists of 4 Nos of building-redevelopment building -Ground / Stilt + 13 upper floors with 99 flats and three shops and shopping building -G+1 with 6 shops, sale building -Basement + Ground +1st to 8th podium with 30 flats.
- x. Total water requirement is 131 KLD which will be met through Municipal Corporation and treated waste water. Fresh water requirement will be about 58 KLD. The Waste water generation is estimated to be 85 KLD which will be treated in two. Sewage Treatment Plant of total capacity 115 KLD will be provided. About 58 KLD of treated waste water will be reused (45 KLD for flushing and 13 KLD for gardening).
- xi. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 372 kg/day. It will be

segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.

- xii. Parking facility for 168 numbers for four wheelers, proposed to be provided against the requirement of 135 numbers (according to local norms).
- xiii. Proposed energy saving measures would save about 22.97 % of power.
- xiv. Rooftop rainwater of buildings will be collected in RWH tanks of total 50 KLD capacity for harvesting after filtration.
- xv. There are encroachments by slum in the proposed site, owned by them, which will be utilised for the inner roads.
- xvi. 13 trees are to be cut, 21 trees to be transplanted and 31 tree sapling to be planted.
- xvii. The project site is about 7 km away from Sanjay Gandhi National Park.
- xviii. Total cost of the project is Rs 73.0651 crores.
- xix. The project falls within 10 km from Sanjay Gandhi National Park, hence clearance from the NBWL is required.

3.24.2. The EAC wanted clarity how part construction has already been completed and why the present proposal has come. Also the latest status of Wild Life Clearance be given.

3.25. Environmental Clearance for proposed construction of slum and non slum redevelopment of property bearing CTS no.472 b, 472b/1to 78 ,472 b/82 to 90 472 b/93 to 122 of village Malad (E) at Rani Sati Marg, Taluka -Borivali, Malad(E),Mumbai by M/s Shah Housecon Pvt. Ltd [F.No.21-106/2014-IA.III]

3.25.1 The Project Proponent made the presentation and informed that:

- i. Proposed slum and non-slum redevelopment is at Latitude: 19° 10' 55.70" N and Longitude: 72° 51' 18.05" E.
- ii. Proposed project consists of 2 Nos of building (Composite Bldg 1-Wing A & Wing B & Rehab bldg no.2). The plot area of proposed site is 4696.84 sqm, FSI area is 1490.52 , and total construction area is 28540.91 sqm. Total flats in Sale building -313, rehab -131 nos. of tenements shall be developed. Maximum height of the building is 69.40m.
- iii. Total water requirement is 205 KLD which will be met through Municipal Corporation and treated waste water. Fresh water requirement will be about 127 KLD. The Waste water generation is estimated to be 185KLD which will be treated in the STP. Sewage Treatment Plant of total capacity 200 KLD will be provided. About 77 KLD of treated waste water will be reused (73 KLD for flushing and 4 KLD for gardening).
- iv. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 710 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.
- v. Parking facility for 141numbers for four wheelers, proposed to be provided against the requirement of 141numbers (according to local norms).
- vi. Proposed energy saving measures would save about 20 % of power.

- vii. Rooftop rainwater potential estimated to be 32 KL. One RWH tank for harvesting after filtration is proposed.
- viii. There are encroachments by slum in the proposed site, owned by them, which will be utilised for the inner roads.
- ix. Only one tree is to be cut.
- x. The project site is about 7 km away from Sanjay Gandhi National Park
- xi. Total cost of the project is Rs73.0651 crores.

3.25.2 The EAC after deliberation suggested to seek clarification from State Government on Circular dated 17.01.2014 of Environment Department, GoM regarding requirement of EC.

3.26. Environmental Clearance for construction of proposed AMITY Educational Complex on bearing S.No. 161/2B/1, 166/1B, 166/2, 166/3, 166/4B, 166/5,167/2, 167/3, 167/4, 168/1, 168/2A, 168/2B, 171/1, 171/3, 173/2, 173/3, 173/4, 173/5, 173/6A, 173/6B, 176/1, 176/2, 176/3, 176/4, 176/5, 177/2, 177/3A, 177/3B, 177/4, 177/5, 179/1, 179/2, 180/2B, 180/3, 180/4, 180/5B, 180/6B, 182/2, 182/3B, 182/6B, 183/1, 184/B,176/2, 182/5,167/1,182/4 of Bhatan, Panvel, Dt: Raigad, Maharashtra by M/s. Ritnand Balved Educational Foundation & AMITY Global Varsity Pvt. Ltd. [F.No.21-107/2014-IA.III]

2.26.1 The Project Proponent made a presentation and informed that:

- i. The Geographical coordinates of the proposed site is Latitude: 18°55'55.93" N; Longitude: 73°09'47.88"E.
- ii. Proposed project consists of 6 Buildings Block-A – Auditorium: 1B+ G + 2 upper floors, Block B – Management Building: 1B+ Stilt + 4 upper floors, Block C - Hostel Higher Academic: 1B+ 4 upper floors, Block D – Academic Building Higher Academic: B+ 4 upper floors, Block E- School: Gr.+ 1upper floor, Block F – Hostel for School: Gr.+ 2 upper floor. The plot area of proposed site is 110790.00 sqm, FSI area is 68840.00, and total construction area is 105966.00 sqm.
- iii. Total water requirement is 824 KLD which will be met through Local Authority/Tanker/R.W. Hand treated waste water. Fresh water requirement will be about 237 KLD. The Waste water generation is estimated to be 400 KLD which will be treated in the STP of total capacity 440 KLD will be provided. About 360 KLD of treated waste water will be reused (207 KLD for flushing and 153 KLD for gardening).
- iv. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 2036 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins. E waste will be generated after 5 years latency period and the expected e waste will be 11.44 T/year
- v. Parking facility for 759numbers for four wheelers and 695 two wheelers proposed to be provided against the requirement of 689 numbers (according to local norms).
- vi. Proposed energy saving measures would save about 22.45% of power.
 - i. Matheran Eco Sensitive Zone is about 3.00 km and Karnala Bird Sanctuary is about 6.00 km from the site.

- ii. Project Cost:Rs. 250 Crore.

3.36.2 The EAC after deliberation recommended to MoEF&CC to seek clarification from Government of Maharashtra on the issues relating to violations, the hearing given by the State Government and court case filed by the State Govt against the PP.

3.27 Environmental Clearance for construction of proposed redevelopment residential project on plot bearing CTS No. 512 - B, 512-B/1 to 30, 514,514/1 to 18 , Village Malad, Malad (W) Mumbai by M/s. Vishal Construction [F.No.21-108/2014-IA.III]

3.27.1 The Project Proponent made a presentation and informed that:

- i. The project site is located is Latitude: 19011'25.30"N; Longitude: 72050'55.46"E.
- ii. Proposed project consists of 4Nos of building (one building constructed prior to 2004) The plot area of proposed site is 15556.60 sqm, FSI area is 29191.31sqm, and total construction area is 46063.93 sqm. Total flats in Sale building -313, rehab -131 nos. of tenements shall be developed. Maximum height of the building is 69.40m.
- iii. Total water requirement is 327KLD which will be met through Municipal Corporation and treated waste water. Fresh water requirement will be about 194 KLD. The Waste water generation is estimated to be 281KLD which will be treated in the STP of 164 KLD & 117 KLD. About 133 KLD of treated waste water will be reused (97 KLD for flushing and 34 KLD for gardening).
- iv. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 970 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.
- v. Parking facility for 414numbers for four wheelers, proposed to be provided against the requirement of 399numbers (according to local norms).
- vi. Proposed energy saving measures would save about 22 % of power.
- vii. The project site is about 8 km away from Sanjay Gandhi National Park.
- viii. Total cost of the project is Rs 102 crores.
- ix. PP informed that he has already taken up construction of 20,000 sqm on the basis of a State permission /Court order.

3.27.2 EAC was not clear on the scope of permission of construction of 20,000 sqm in the basis of a Court Order. The EAC after deliberation suggested to seek clarification from State Government on Circular dated 17.01.2014 of Environment Department, GoM regarding requirement of EC.

3.28 Environmental Clearance for construction of proposed "ADHIRAJ UPSCALE" at Survey No. 64/2, 66/2, 67/1, 67/2/1, 67/2/2, 67/4, 68/1A, 68/1B, 68/2, 68/4, 69/0, 70/1, 70/2, 71/2, 71/3, 71/4, 72/1A,72/1B, 72/3, 76/1, 76/2/1, 76/2/2, 77/1, 77/2, 79/3, 86/1/1, 86/1/2, 86/2, 88/0, 89/1, 89/2, 90/0, 91/3, 99/2 village -Rohinjan, Taluka - Panvel, District - Raigad, Maharashtra by M/s. ADHIRAJ CONSTRUCTIONS PVT. LTD. [F.No.21-111/2014-IA.III]

3.28.1 The Project Proponent made the presentation and informed that:

- i. It has obtained prior Environmental Clearance in 2011 from SEIAA, Maharashtra.
- ii. MMRDA granted revised Location Clearance dated 16/04/2013.
- iii. Re-applied for environmental clearance due to expansion & amendments in proposal.
- iv. Project has received project specific Terms of References (TOR) from SEAC-2, Maharashtra in its 13th meeting dated 23rd May 2013.
- v. EIA Report is prepared and submitted based on model TOR and project specific Terms of References (TOR) from SEAC-2.

3.28.2 The EAC after deliberation sought information on the following:

- i. Revise and submit the layout leaving 6 m clear free way all around.
- ii. Submit the permission for water supply.
- iii. Ministry to get the original file from SEIAA.

3.29 Environmental Clearance for construction of proposed residential project at Plot Bearing S. No. 85/1B, S. No. 85/1C, S. No. 85/2B, S. No. 85/4B, S. No. 85/5B, S. No. 85/1/1B, S. No. 86/1/1C, S. No. 86/4B, S. No. 87/17B, S. No. 87/17 C, S. No. 87/18C, S. No. 87/19, S. No. 96/4B, S. No. 96/4C, S. No. 96/5B, S. No. 96/5C & S. No. 90 at village Kolshet, Thane, Maharashtra by M/s D.D. Associates [F.No.21-112/2014-IA.III]

3.29.1 The Project Proponent made a presentation and informed that:

- i. The proposed site of residential project is planned at Village Kolshet in Thane district located on 19°14'40.44" N Latitude and 72°58'51.59" Longitude.
- ii. The proposed project is accessible by 12m wide internal road from a 40m wide RP road and a 30 m wide HCMTR passing through the plot.
- iii. Proposed project consists of 5 residential building and a clubhouse. The plot area of proposed site is 29,840sqm, FSI area is 23,117.83sqm and total construction area of 47,288.13 sqm. Total 504 tenements shall be developed. Maximum height of the building is 85.4 m.
- iv. Total water requirement during construction phase is 36 KLD which will be met through private water tankers. During operation phase, the total water requirement is estimated to be 342 KLD which will be met through MMRDA and treated waste water. Fresh water requirement will be about 227 KLD during non-monsoon season. The waste water generation is estimated to be 319 KLD which will be treated in the STP. Sewage Treatment Plan of total capacity of 260 and 70 KLD will be provided. About 159 KLD of treated water will be reused (125 KLD for flushing and 34 KLD for gardening).
- v. Construction waste is proposed to be reused in pavement. During operational phase, the solid waste generation is estimated to be 1266 kg/d. It will be segregated into biodegradable (waste vegetables and foods, etc.) and recyclable (paper, cartons, thermocol, plastics, glass, etc.) components and collected in separate bins.
- vi. The total power demand is estimated to be 4.4 MW which will be met from MSEDCL. DG sets of 2 x250 kVA capacity for power back up are proposed.

- vii. Parking provision of four wheelers is 420 Nos. and two wheelers 330 Nos. are made.
- viii. Rooftop rainwater potential estimated to be 28 KL. Three RWH tanks of 93 KL capacity for harvesting after filtration are proposed.
- ix. The project site is about 2 km away from Sanjay Gandhi National Park
- x. Total cost of the project is Rs 122 crores.

3.29.2 The EAC after deliberation sought information on the following:

- i. Details of green belt.
- ii. Revised layout showing Green belt, clear driveway of 6 m, circulation and parking be submitted.
- iii. Information in accordance with the OM dated 20.08.2014 with respect to Wild Life Clearance be submitted.

3.30. Environmental Clearance for construction of proposed redevelopment of "Darvesh Building And Nanabhai Mansion" on plot bearing C.S.NO.108/1721&107/1721 at the Junction of Dr. Maheshwari Road and Navroji Hill Road No.05 Ward, Mumbai by M/s. M.K. India Enterprises [F.No.21-113/2014-IA.III]

3.30.1 The Project Proponent made the presentation and informed that:

- i. The geographical coordinates of the proposed site is Latitude: 18° 57' 39.20" N; Longitude: 72° 50' 18.94" E. The Plot Area is 1786.51sqm, FSI area is 17334.86 sqm and total built up area is 24390.95 sqm.
- ii. The proposal involves construction of two buildings. Building one having 2 wings with Ground + 1st to 3rd Podium Floor + 4th to 21st upper residential Floors. Building two with Wing C & D : Ground + 1st to 3rd Podium Floor + 4th to 21st upper residential Floors.
- iii. Based on Intimation of Disapproval, construction was completed started on plot bearing CS No. 108/1721 admeasuring 964.7 sqm. Adjoining plot was purchased and got amalgamated, however, the CC was not granted since the total built up area is more than 20, 000 sqm(24,390.95 sqm).

3.30.2 The EAC after deliberation sought a clarification from MoEF&CC on how to address and incorporate the already constructed component in EC.

3.31 Environmental Clearance for construction of proposed Residential Complex at SY.NO'S. 978 & 979, Kukatpally (V), Balanagar (M), Ranga Reddy (D) Telangana by Mr. Ravi Surya Prakash Babu [F.No.21-116/2014-IA.III]

3.31.1 The Project Proponent made the presentation and informed that:

- i. The proposal involves construction of a Residential Complex at Sy. No: 978 & 979, Kukatpally Village, Balanagar Mandal, Ranga Reddy District of Telangana State. The plot area is 8,606.89 sqm. The total built up area is 55,126.67sqm with 313 flats, a club house. Height of building is 39.21 m. The proposed site comes under Residential Zone with respect to the Master Plan of HMDA vide GO. MS NO. 288, MA Dated 03.04.2008.

- ii. Total water requirement during construction phase is 250 KLD which will be met through private water tankers. During Operation phase, the total water requirement is estimated to be 127 KLD which will be met through HMWS&SB and treated waste water. Fresh water requirement will be about 150 KLD. The Waste water generation is estimated to be 170 KLD which will be treated in the STP of capacity 180 KLD will be provided. About 100 KLD of treated waste water will be reused (50 KLD for flushing and 50 KLD for gardening).
- iii. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 335kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.
- iv. Parking facility for 390 numbers for four wheelers and 450 two wheelers parking, proposed to be provided against the requirement of 350 numbers respectively (according to local norms).
- v. Proposed energy saving measures would save about 20 % of power.
- vi. Rooftop rainwater of buildings will be collected in tanks of 70 KLD capacity for harvesting after filtration.
- vii. The total power demand is estimated to be 230KVA. DG sets of 1 x 100 KVA & 1 x 150 KVA capacity for power back up are proposed.
- viii. Kasu Brahmananda Reddy National Park is 5 KM from the site, however it was not notified as Eco-sensitive area.
- ix. The project cost is Rs. 76.32 Crore.

3.31.2 The EAC after deliberation recommended for granting EC to the project with the following conditions:

- i. PP informed that Kasu Brahmananda Reddy National Park which is about 5 km from the site, has not been notified as Eco-sensitive area. Ministry to verify the same.
- ii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- iii. Solid waste management shall be collected, treated and disposed according to the Rules.
- iv. PP shall comply with the conditions of NOC/Clearance obtained from fire department.
- v. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- vi. Parking facility with 6 m driveway shall be provided as committed.
- vii. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- viii. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- ix. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.32. Environmental Clearance for construction of proposed redevelopment on land bearing C.S. No. 65 of Dadar Naigaum Division, known as "Latif Villa" at

Dadasaheb Phalke Marg, F/South Ward, Dadar, Mumbai by M/s. Om Shanti Housing Development Company[F.No.21-117/2014-IA.III]

3.32.1. The Project Proponent made the presentation and informed that:

- i. The proposed site of Project site is planned at Dadar Mumbai, located on 19°00'44.56"N latitude and 72°50'34.81"E
- ii. The proposed project is accessible from 18.28 m wide Dadasaheb Phalke Marg and 9 m wide road connected to 60 m wide Dr. Babasaheb Ambedkar Marg. The proposed site is located at about 0.5 km away from Dadar Railway Station.
- iii. Proposed project consists of one building with commercial and residential use. The Plot area of proposed site is 3718.26 sqm, FSI area is 14,892.75 sqm. Total Construction Area is 41,758.29 m². Total 181 nos. of tenements shall be developed. Maximum height of the building is 192.95 m.
- iv. Total water requirement during construction phase is 40 KLD which will be met through private water tankers. During Operation phase, the total water requirement is estimated to be 127 KLD which will be met through Municipal Corporation of Greater Mumbai and treated waste water. Fresh water requirement will be about 83 KLD during Non-Monsoon Season and 51 KLD in Monsoon Season. The Waste water generation is estimated to be 118 KLD which will be treated in the STP. Sewage Treatment Plant of total capacity 125 KLD will be provided. About 52 KLD of treated waste water will be reused (44 KLD for flushing and 8 KLD for gardening).
- v. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 453 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.
- vi. Parking facility for 222 numbers for four wheelers and 69 two wheelers parking, proposed to be provided against the requirement of 216 numbers respectively (according to local norms).
- vii. Proposed energy saving measures would save about 22 % of power.
- viii. Rooftop rainwater of buildings will be collected in tanks of 70 KLD capacity for harvesting after filtration.
- ix. The total power demand is estimated to be 3.5 MW. DG sets of 750 kVA capacity for power back up are proposed.
- x. The project cost is Rs. 95 Crore.

3.32.2 The EAC after deliberation recommended for granting EC to the project with the following specific conditions:

- i. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- ii. Solid waste management shall be collected, treated and disposed according to the Rules.
- iii. PP shall comply with the conditions of NOC/Clearance obtained from fire department.
- iv. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- v. Parking facility with 6 m driveway shall be provided as committed.

- vi. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- vii. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- viii. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.33. Environmental Clearance for construction of proposed residential Building on Plot Bearing S. Nos. 147/3 S. Nos. 148-1A, 148-1B,-1(Paiki or C) S. Nos. 138/2 & 138/8A, 159 S. Nos. 153-33A, 153-33C, 149-1C & 149-1D at Village Dawale, Thane, Mumbai by M/s Anantnath Developers [F.No.21-119/2014-IA.III]

3.33.1 The Project Proponent made a presentation and informed that:

- i. The proposed site of Residential Project is planned at Village Agasan, in Thane located on 19°10'51.58"N Latitude and 73°03'48.18"E Longitude.
- ii. The proposed project is accessible from 18m wide existing Agasan Gaon road. The proposed site is located at about 0.8 km away from Dativali Railway Station.
- iii. Proposed project consists of 6 residential buildings with 15 wings. The Plot area of proposed site is 23,070 m², FSI area is 38,063.51 m², Non FSI area 39,648.85 m² and Total Construction Area is 77,712.36 m². Total 999 nos. of tenements shall be developed. Maximum height of the building is 88.55 m.
- iv. Total water requirement during construction phase is 47 KLD which will be met through private water tankers. During Operation phase, the total water requirement is estimated to be 674 KLD which will be met through Thane Municipal Corporation and treated waste water. Fresh water requirement will be about 450 KLD during Non-Monsoon Season and 374 KLD in Monsoon Season. The Waste water generation is estimated to be 629 KLD which will be treated in the STP. Sewage Treatment Plant of total capacity 700 KLD will be provided. About 252 KLD of treated waste water will be reused (225 KLD for flushing and 27 KLD for gardening).
- v. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 2498 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.
- vi. The total power demand is estimated to be 7.2 MW which will be met from MSEDCL. DG sets of 1490 kVA capacity for power back up are proposed.
- vii. Parking facility for 276 numbers for four wheelers and 1015 two wheelers parking, proposed to be provided against the requirement of 204 and 999 numbers respectively (according to local norms).
- viii. Proposed energy saving measures would save about 22 % of power.
- ix. Rooftop rainwater of buildings will be collected in 2 tanks of total 160 KLD capacity for harvesting after filtration.
- x. The project cost is Rs. 125.4 Crore.

3.33.2 The EAC after deliberation recommended for granting EC to the project with the following specific conditions:

- i. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- ii. Solid waste management shall be collected, treated and disposed according to the Rules.
- iii. PP shall comply with the conditions of NOC/Clearance obtained from Fire department.
- iv. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- v. Parking facility with 6 m driveway shall be provided as committed.
- vi. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- vii. The EC granted only after the undertaking by the PP that he is in possession of all necessary and valid building and town planning permission for the entire project.
- viii. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, in perpetuity.

3.34. Environmental Clearance for construction of proposed residential Complex at Sy.No: 113 to 119, 121 &126 Kondapur (V), Serilingampally (M), Ranga Reddy District, Telangna by M/s. SMR Builders Pvt. Ltd[F.No.21-120/2014-IA.III]

3.34.1 The Project Proponent made the presentation and informed that:

- i. During operational phase, the total water requirement is estimated to be 250 KLD which will be met through HMWS &SB and treated waste water. Fresh water requirement will be about 150 KLD. The Waste water generation is estimated to be 170 KLD which will be treated in the STP of capacity 180 KLD will be provided. About 100 KLD of treated waste water will be reused (50 KLD for flushing and 50 KLD for gardening).
- ii. Construction waste is proposed to be reused in pavement. During operational phase, the Solid waste generation is estimated to be 335 kg/day. It will be segregated into biodegradable (waste vegetables and foods etc.) and recyclable (paper, cartons, thermocol, plastics, glass etc.) components and collected in separate bins.
- iii. Two DG sets of 150 and 100 kVA capacity for power back up are proposed.
- iv. Parking facility for 390 numbers for four wheelers and 450 numbers for two wheelers, proposed to be provided against the requirement of 390 (according to local norms).
- v. Proposed energy saving measures would save about 20 % of power.
- vi. Rain Water harvesting is estimated to be 4283.58 KL/Annum.

3.34.2 The EAC after deliberation sought information on the following:

- i. Energy saving measures along with estimation of % of energy saving.
- ii. Certification that there is no violation, no amalgamation and not applied earlier for clearance.
- iii. Undertaking that the conditions on maintenance of STP, energy saving measures etc.

3.35 Finalisation of ToR for development of Multimodal Corridor from Navghar to Chirner (Near JNPT) in the State of Maharashtra by M/s Mumbai Metropolitan Regional Development Authority [F.No. 10-25/2014-IA-III]

The Vice Chairman chaired the meeting in the absence of the Chairman.

3.35.1 The Project Proponent made the presentation and informed that:

- i. Multi Modal Corridor (Navghar to Chirner) is a single corridor in which multiple modes, such as buses, BRT, metro rail and cars, along with utilities such as water, sewage and gas lines are present in the same Right of Way.
- ii. The total length of the multi model corridor project is approximately 80 Km.
- iii. Proposed Multi Model Corridor start from Navghar (Near Juchandra, NH-8) and end at Chirner (near JNPT).
- iv. The project road falls in the Tehsils of Vasai, Bhiwandi, Kalyan, Ambernath, Panvel, Uran in the District Thane, Riagad in Maharashtra.
- v. Land use pattern within 10 km on either side of Multi Model Corridor project area is agriculture, forest, sanctuaries, mangrove, commercial, residencies, urban & villages.
- vi. It is a green field project and the proposed right of way (RoW) is kept as 99 m to accommodate access controlled highway lanes, service lanes, parking lane, pedestrian foot path and a metro facility at the Centre (30 m).
- vii. Approximately 725 hectares of land is proposed to be acquired in which mostly is agriculture, forest, mangrove and mud areas.
- viii. There is one National Park (Sanjay Gandhi national Park) and two Sanctuaries (Karnala Bird Sanctuary and Tungreshwar wildlife sanctuary) are located within the 10km radius of the project.
- ix. Project (Multi Model Corridor) traverse through the Sanjay Gandhi National Park and will divert 14.4ha of N.P land. Proposed Multi Model Corridor is located 153m away from the boundary of Tungareshwar Wildlife Sanctuary and 5816m away from the boundary of Karnala Bird Sanctuary.
- x. Matheran Ecological Sensitive is located within 10km radius of the project and its boundary is 105m away from the proposed alignment of the project.
- xi. The project does traverse through forest land and mangroves at few locations.
- xii. Project corridor crosses over five rivers namely Kamvadiriver, Ulhasriver, Kasadiriver, Gudhariver and Dhartar river.
- xiii. Project corridor also passes through the costal/low lying areas.
- xiv. 26 bridges, 04 ROB's, 10 Interchanges, 4 Flyovers, 34 Vehicular Underpasses, 21 Pedestrian underpasses, 19.1km elevated are proposed.
- xv. Service Road has been provided.
- xvi. Approximately 3200 families are going to affect because of land acquisition & resettlement.
- xvii. Plantation will be done on the available spare RoW.
- xviii. CRZ study, Wildlife clearance proposal and environmental monitoring is under process.
- xix. The approximate budget for environmental management works worked out to Rs. 15 Crores.
- xx. Land Acquisition including acquisition of structures and R & R Costs for resettlement and compensation is estimated as Rs. 1601 Crores.

xxi. The estimated civil cost of the project is approximately Rs. 9326 Crores.

3.35.2 The Committee after deliberation, recommended for granting ToR with following additional ToRs:

- i. Justification for selecting the alignment along with the various alternatives considered, procedures and criteria adopted for selection of the final alternative with reasons.
- ii. Submit detailed alignment plan, with details such as nature of terrain (plain, rolling, hilly), land use pattern, habitation, cropping pattern, forest area, environmentally sensitive places, mangroves, notified industrial areas, sand dunes, sea, river, lake, details of villages, teshils, districts and states, latitude and longitude for important locations falling on the alignment by employing remote sensing techniques followed by ground truthing and also through secondary data sources.
- iii. The proposal indicates the acquisition of 14.4 ha forest land in Sanjay Gandhi National Park. Necessary permission from NBWL and stage -I forestry clearance shall be obtained. The grant of ToR shall not be cited as a reason for grant of approvals for diversion of Sanctuary land / Forest land for the project.
- iv. The project involves removal of mangroves, necessary permission from High Court of Bombay shall be obtained as applicable.
- v. Any litigation(s) pending against the proposed project and/or any directions or orders passed by any court of law/any statutory authority against the project is to be detailed out.
- vi. Submit Land use map of the study area to a scale of 1: 25,000 based on recent satellite imagery delineating the crop lands (both single and double crop), agricultural plantations, fallow lands, waste lands, water bodies, built-up areas, forest area and other surface features such as railway tracks, ports, airports, roads, and major industries etc. and submit a detailed ground surveyed map on 1:2000 scale showing the existing features falling within the right of way namely trees, structures including archaeological & religious, monuments etc. if any.
- vii. Study regarding the Animal bypasses / underpasses etc. across the Sanctuary and habitation areas shall be carried out.
- viii. The information should be provided about the number of trees to be cut, their species and whether it also involved any protected or endangered species. Necessary green belt shall be provided on both side of the highway with proper central verge and cost provision should be made for regular maintenance.
- ix. If the proposed route is passing through a city or town, with houses and human habitation on the either side of the road, the necessity for provision of bypasses/diversions/under passes shall be examined and submitted. The proposal should also indicate the location of wayside amenities, which should

include petrol station/service centre, rest areas including public conveyance, etc.

- x. Submit details about measures taken for the pedestrian safety and construction of underpasses and foot-over bridges along with flyovers and interchanges.
- xi. Examine and submit the details of use of fly ash in the road construction, if the project road is located within the 100 km from the Thermal Power Plant.
- xii. Examine and submit the details of sand quarry, borrow area and rehabilitation.
- xiii. The air quality monitoring should be carried out in accordance with the new notification issued on 16th November, 2009.
- xiv. Identify project activities during construction and operation phases, which will affect the noise levels and the potential for increased noise resulting from this project. Discuss the effect of noise levels on near by habitation during the construction and operational phases of the proposed highway. Identify noise reduction measures and traffic management strategies to be deployed for reducing the negative impact if any. Prediction of noise levels should be done by using mathematical modelling at different representative locations.
- xv. Examine the impact during construction activities due to generation of fugitive dust from crusher units, air emissions from hot mix plants and vehicles used for transportation of materials and prediction of impact on ambient air quality using appropriate mathematical model, description of model, input requirement and reference of derivation, distribution of major pollutants and presentation in tabular form for easy interpretation shall be carried out.
- xvi. Also examine and submit the details about the protection to existing habitations from dust, noise, odour etc. during construction stage.
- xvii. If the proposed route involves cutting of earth, the details of area to be cut, depth of cut, locations, soil type, volume and quantity of earth and other materials to be removed with location of disposal/ dump site along with necessary permission.
- xviii. If the proposed route is passing through low lying areas, details of fill materials and initial and final levels after filling above MSL, should be examined and submit.
- xix. Examine and submit the water bodies including the seasonal ones within the corridor of impacts along with their status, volumetric capacity, quality likely impacts on them due to the project.
- xx. Examine and submit details of water quantity required and source of water including water requirement during the construction stage with supporting data and also classification of ground water based on the CGWA classification.
- xxi. Examine and submit the details of measures taken during constructions of bridges across river/canal/major or minor drains keeping in view the flooding

of the rivers and the life span of the existing bridges. Provision of speed breakers, safety signals, service lanes and foot paths should be examined at appropriate locations through out the proposed road to avoid the accidents.

- xxii. If there will be any change in the drainage pattern after the proposed activity, details of changes shall be examined and submitted.
- xxiii. If there is a possibility that the construction/widening of road will cause impact such as destruction of forest, poaching, reductions in wetland areas, if so, examine the impact and submit details.
- xxiv. Submit the details of road safety, signage, service roads, vehicular under passes, accident prone zone and the mitigation measures.
- xxv. IRC guidelines shall be followed for widening & upgradation of road.
- xxvi. Submit details of social impact assessment due to the proposed construction of road.
- xxvii. If the proposed project involves any land reclamation, details to be provided for which activity land to reclaim and the area of land to be reclaimed.
- xxviii. Details of the properties, houses, businesses etc. activities likely to be effected by land acquisition and their financial loses annually.
- xxix. Detailed R&R plan with data on the existing socio-economic status of the population in the study area and broad plan for resettlement of the displaced population, site for the resettlement colony, alternative livelihood concerns/employment and rehabilitation of the displaced people, civil and housing amenities being offered, etc and the schedule of the implementation of the project specific
- xxx. Estimated cost of the project including environmental monitoring cost and funding agencies, whether governmental or on the basis of BOT etc and provide details of budget provisions (capital & recurring) for the project specific R&R Plan.
- xxxi. Environmental management and monitoring plan for all phases of the project viz. construction and operation be submitted.
- xxxii. A detailed draft EIA/EMP report should be prepared in terms of the above additional TOR. Public Hearing to be conducted for the project in accordance with the provisions of Environment Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan.

3.36. Finalisation of ToRs for development of Stretch between Pankapal to Dhamra and Paradip of National Waterway No 5 in the State of Odisha for Navigation by M/s Inland Waterways Authority [F.No. 10-27/2014-IA-III]

3.36.1. The Project Proponent made the presentation and informed that:

- i. Inland Waterways Authority of India (IWAI) an autonomous and Statutory Body under the administrative control of Ministry of Shipping came into existence on 27th October 1986.
- ii. Responsible for development, management, maintenance and regulation of the declared National waterways (NWs) for inland navigation and promotion of Inland Water Transport in the country.
- iii. Five NWs declared with total length of 4332km and sixth one under consideration of Govt. for declaration.
- iv. NW-5 of 588 km with East Coast Canal, Brahmani and Mahanadi delta river system was declared w.e.f. 25th November 2008.
- v. Commercially viable stretch between Coal mines of Talcher to Paradip Port & Dhamra Port for 332 km being developed for providing the sustainable and economically viable mode of transport
- vi. A MOU between Govt. of Odisha, Paradip Port Trust (PPT), Dhamra Port Company Ltd. (DPCL) & IWAI entered for developing the identified stretch under two phases.
 - 1st Phase= 201 km between Pankapal to Dhamra&Paradip
 - 2nd Phase= 131 km between Talcher to Pankapal
- vii. Initially development of Phase-I is being taken up on priority basis.
- viii. DPR has been prepared by M/s WAPCOS (A Govt. of India Undertaking).
- ix. Main component of project:
 - a. Development of Fairway with 3.0m LAD for movement of cargo vessels of above 1500T.
 - b. Terminal facilities.
 - c. Navigational aids.
- x. Project is located within 5 km from the boundary of Protected Areas and Eco-sensitive areas
- xi. 110 Km of Waterway fall under CRZ area
- xii. Fairway Development:
 - Dredging & excavation of 16 Mcum in both tidal and non tidal reaches.
 - Dismantling and reconstruction of two barrages with navigation locks at Sujapur and Jokadia
 - Bank Protection Works with widening of narrow stretches

- xiii. Terminal Facilities
 - Temporary Terminal with pontoon& gangway by IWAI at Jokadia.
 - Approach road, storage and handling facilities
 - Utilities, amenities and services
- xiv. Proposed to handle cargo of 1.65 MTPA (Iron Ore, Thermal Coal (imported), Industrial Products, Other Minerals)
- xv. Proposed project does not involve diversion of Forest Land
- xvi. Daily demand of potable water: 5,000 l/day. Source: River
- xvii. Quantity of Capital Dredging -16 M cum, Dredged material can be used for strengthening the existing embankment on both sides of the river; constructing new embankment; reclaiming land in low lying areas.
- xviii. Bhitarkanika Wildlife Sanctuary is about 1 km from the project site
- xix. The waterway passes parallel to the boundary of Gahirmatha Marine National Park at a varying distance of 3.0 to 5.0 km on the shore side through the Jambu Creek from the mouth of Hansua River to the mouth of Kharinasi River.
- xx. Kalibhanj Dian Reserved Forest is an island located at the mouth of Dhamra River. The proposed waterway skirts off the Reserved Forest for about a stretch of 9.7 km. This island is a part of Bhitarkanika Wildlife Sanctuary
- xxi. Waterway passes through Hatamundia Reserved Forest
- xxii. Approximate Project Cost: Rs. 824.24 Crores

3.36.2 The Committee after deliberation, recommended for granting ToR with following additional ToRs:

- i. Submit a copy of feasibility study conducted for the proposed project
- ii. Hydrodynamic study on waterway along with sea inlets to ensure water availability throughout the year along with proposed draft along different sections of waterway to meet navigation requirement of proposed vessels with their size with full weight
- iii. Location of the proposed terminal within the waterway on the map. Justification should be provided whether CRZ clearance is also required for the terminals in view of their location within the CRZ limits.
- iv. List of components should be submitted for which the CRZ clearance is required.
- v. Study on the availability of draught for the movement of the vessels

- vi. Requirement of number of bridges, road crossings, obstructions to be dismantled/removed/reconstructed and its impact on the local population as well as on the environment.
- vii. Describe the project site, geology, topography, climate, transport and connectivity, demographic aspects, socio cultural and economic aspects, villages, settlements and meteorological data.
- viii. Examine details of land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images.
- ix. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
- x. Examine the impact of proposed project on the nearest settlements.
- xi. Examine baseline environmental quality along with projected incremental load due to the project.
- xii. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
- xiii. Examine the details of water requirement, use of treated waste water and prepare a water balance chart.
- xiv. Details of Solid waste generation treatment and its disposal be examined.
- xv. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
- xvi. Details of transport of materials for construction which should include source and availability be examined.
- xvii. Details of National Highways/State Highways/ expressways falling along the corridor and the impact of the development on them be examined.
- xviii. The evaluation of impacts should be analyzed depending upon the nature (positive and negative), duration (short term and long term) reversibility, and magnitude (negligible, low, medium, high), etc. of the impacts based the objective assessments.
- xix. A map demarcating HTL / LTL prepared through an authorized agency and superimposing the plan if the past project is falling under CRZ be submitted.
- xx. Recommendations of the SCZMA for the components proposed within CRZ are submitted.
- xxi. Details of afforestation measures indicating land and financial outlay be examined.

- xxii. Identify, predict and assess the environmental and sociological impacts on account of the project. A detailed description with costs estimates of CSR should be incorporated in the EIA / EMP report.
- xxiii. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
- xxiv. Details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster be submitted.
- xxv. R&R details shall be submitted.
- xxvi. The General guidelines given at the Annexure –II to this Minutes shall also be considered for preparation of EIA/EMP.
- xxvii. A detailed draft EIA/EMP report should be prepared in terms of the above additional TOR and should be submitted to the PCB for conduct of PH. Public Hearing to be conducted for the project in accordance with the provisions of Environment Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan.

3.37 Amendment to Environmental Clearance granted for Multi Product Units as Mangalore SEZ is presently notified as Multi Product SEZ, Manglore, Karnataka by M/s Mangalore SEZ Ltd.[F.No.21-383/2007-IA.III]

3.37.1 The Project Proponent made a presentation and informed that:

- i. The EAC in its meeting held in October, 2014 suggested to the Ministry to examine whether amendment to the EC can be considered after 5 years from the date of clearance.
- ii. The project has been commenced based on the clearance within 5 years from the date of issue.
- iii. The Olefin complex which was permitted in original clearance was shelved and clearance obtained for downstream/ petrochemical units on 13th July, 2012. Present proposal is for allowing Multi Product Units along with Petrochemical and Downstream Petrochemicals as MSEZ is currently notified as Multi Product SEZ by MoCI.
- iv. The total estimated pollution load will not increase beyond the earlier levels, however, the individual units proposed to come up within the SEZ will obtain separate EC.

3.37.2 The EAC after deliberation sought information on the following:

- i. Comparative statement on the list and limits of the possible pollutants from the proposed activity with the already approved /operational components be submitted, in order to ascertain the implication of the amendment / modification that is being sought.
- ii. Compliance of conditions of the granted EC be submitted.

Minutes of the 141st meeting of Expert Appraisal Committee for Projects related to Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects held from 26th November, 2014 to 28th November, 2014 at Conference Hall (Indus), Indira Paryavaran Bhawan, Jor Bagh, New Delhi -110003.

List of Participants

Expert Committee

- | | |
|------------------------------|-------------------------------|
| 1. Shri Anil Razdan | Chairman |
| 2. Dr. M.L. Sharma | Vice Chairman |
| 3. Shri R. Radhakrishnan | Member |
| 4. Dr. M.V. Ramana Murthy | Member |
| 5. Dr. R. Prabhakaran | Member |
| 6. Dr.Anuradha Shukla | Member |
| 7. Shri S.K. Sinha | Member |
| 8. Ms Mita Sharma, | Member |
| 9. Dr.ManoranjanHota | Director and Member Secretary |
| 10. Shri E. Thirunavukkarasu | Scientist 'D', MoEF&CC |

List of proponents

M/s Cuddalore Power Gen Corporation Limited
M/s Machilipatnam Port Limited
M/s Naveen Hotels Ltd.
M/s Ennore Port Limited
M/s Hinduja National Power Corporation Limited
M/s Group Satellite Developers Ltd.
M/s Innovative Envirocare Jhagadia Ltd.
M/s Gujarat Maritime Board
M/s APIIC
M/s Joynest Premises Pvt. Ltd.
M/s Tycoons Avanti Projects LLP
M/s Tanvi Construction Pvt. Ltd
M/s Vardhaman Developers Limited
M/s Tanishq Builders & C.A. to Chittaranjan Nagar Vidya CHS. Ltd.
M/s Proficient Projects Buildcon Pvt Ltd.
M/s Dosti Enterprises
M/s MMRDA
M/s. Rohan Developers Pvt. Ltd.
M/s. Saumya Buildcon Pvt. Ltd
M/s Shah Housecon Pvt. Ltd
M/s. Ritnand Balved Educational Foundation & AMITY Global Varsity Pvt. Ltd.
M/s. Vishal Construction
M/s. ADHIRAJ CONSTRUCTIONS PVT. LTD.
M/s D.D. Associates
M/s. M.K. India Enterprises
Mr. Ravi Surya Prakash Babu
M/s. Om Shanti Housing Development Company
M/s Anantnath Developers
M/s. SMR Builders Pvt. Ltd
M/s MMRDA
M/s Inland Waterways Authority
M/s Mangalore SEZ Ltd
