

**Minutes of the 142<sup>nd</sup> meeting of Expert Appraisal Committee for Projects related to Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects held from 22<sup>nd</sup> to 24<sup>th</sup> December, 2014**

1. Opening Remarks of the Chairman.

The Chairman welcomed the Members of the Expert Appraisal Committee.

2. Confirmation of the Minutes of the 141<sup>st</sup> Meeting of the EAC held on 26<sup>th</sup> – 28<sup>th</sup> November 2014 at New Delhi.

2.1 The EAC confirmed the Minutes of the 141<sup>st</sup> Meeting of the EAC held on 26<sup>th</sup> – 28<sup>th</sup> November 2014 at New Delhi.

**3. Consideration of Proposals:**

**3.1 Amendment in Environmental Clearance granted for Handling of proposed Butadiene Storage Facility by M/s. Adani Hazira Port, Hazira [F.No.11-150/2010-IA-III]**

**3.1.1** The proponent made the presentation and informed that:

- i. EC and CRZ clearance was obtained vide No. 11-150/2010-IA-III dated 03.05.2013 which includes handling and storage of 7,25,500 KL of various Chemicals under Class A,B,C. The proposal is for locating 2 Butadine storage facility of 3000 KL at a new location away from existing tank farm area.
- ii. Butadine is a petroleum product. The EIA, Risk Assessment and the EC covered generic petroleum products. However, Butadine is not handled/ stored presently.
- iii. The location to store Butadine is outside the CRZ area.
- iv. There will not be any addition to the volume which has already been approved in the EC dated 03.05.2013.

**3.1.2 The EAC after deliberation sought the following information for further deliberation:**

- i. Relevant details / documents to prove that Butadine is covered under EIA, Risk Assessment reports be submitted.
- ii. Coordinates of the storage tanks in which Butadine will be stored.
- iii. Guidelines proposed to be followed for storage of Butadine including storage tanks, capacity.
- iv. Details of new pipelines and their pathway on the CRZ map be submitted.
- v. Details of D.G sets proposed to be installed including their pollution abatement measures be submitted.

**3.2. Amendment in Environmental and CRZ Clearance granted for expansion of Dhamra Port at Dhamra, Bhadrak Dist., Odisha by M/s Dhamra Port Company Ltd. [F.No.11-104/2009-IA-III]**

3.2.1 The project was examined by the EAC in its meeting held in April, 2014 and September, 2014. EAC, after deliberation, suggested to the PP to submit documentary evidence to show that all the likely impacts due to the proposed cargo were addressed in the EIA/EMP report and also covered during PH for considering their request for issue of amendment to the EC incorporating cargo- Dry Bulk cargo- 36.34 MTPA (coal, iron ore, lime stone, manganese), Liquid & Gas Cargo – 26.96 MTPA (crude, naphtha, POL and LNG) Clean (break bulk cargo – 8 MTPA (Fertilizer materials, food grains, raw sugar, edible oil, logs, timber, bagged cargo, machines, bitumen, coal tar, iron –steel products and by products) and containerized cargo – 1 MTEU.

3.2.2 The proponent made a presentation and informed that:

- i. The Clearance was granted on 01.01.2014 and the amendment is for incorporation of description of Cargo.
- ii. The list of cargoes is covered at Table 1-3, Pages 1.9, 2.17, 2.19, 2.22 and 2.37, 2.41, 2.42, 2.45 to 2.48, 5.42, 5.49, 7.13 to 7.63 of the EIA report.
- iii. The description of the proposed cargoes are covered at Page 7 in the summary circulated during Public Hearing.
- iv. Member Secretary, Odisha State Pollution Control Board vide letter No. 18537/Ind-II-PH dated 01.11.2014 confirmed that the proposed cargoes were addressed in Public Hearing.

3.2.3. The EAC after deliberation **recommended for amendment** to the Environmental and CRZ Clearance dated 01.01.2014 with the following specific conditions:

- i. The port shall ensure that the ships under operation follow the MARPOL Convention with regard to discharge or spillage of any toxic, hazardous or polluting material like ballast water, oily water or sludge, sewage, garbage etc.
- ii. Dust screens shall be provided with height of two meter above the 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 of the stack area.
- iii. Transportation of iron ore shall be by covered conduit/ closed trucks/ rails only. Closed conveyor belt shall be used for unloading the product.
- iv. Water sprinklers will be provided in the area of ore storage and vehicular path/roads.
- v. All the recommendations of EMP and Disaster Management Plan (DMP) shall be complied with.

**3.3. Restoration of Basic Strip & Prevention of Soil Erosion including feasibility studies for runway extension at Shimla Airport by M/s Shimla Airport, Shimla - ToR [F.No.10-52/2013-IA.III]**

The project was discussed by the EAC in its meeting held in October, 2013. The Committee noted that the proposal is for repair and restoration of runway and measures to prevent land slide. Project Proponent informed that the no forest area is involved and no activity is to be undertaken outside the airport boundary. The EAC, after deliberation, suggested that the Ministry may examine the requirement of EC

based on the above. It was examined and noted that the proposed activity includes extension of runway also therefore prior EC is required.

### 3.3.1 The proponent made a presentation and informed that:

There is a change in land use for additional land of 215.67 m<sup>2</sup>, which need to be acquired. About 21 ha of land including runway need to be upgraded from present ICAO reference code 2B to operations of ATR-42 type of aircraft. Additional land to be acquired is 215.67 m<sup>2</sup> from PWD of Himachal Pradesh.

The proposed facilities are:

- Remedial measures to check soil erosion of airstrip including side slope;
- Strengthening of the shoulders equal to that of runway to make the width of runway to 30 m;
- Reconstruction/restoration of runway strip in eroded areas by cutting/filling so as to enable restoration of the original runway length to 1250 m;
- Stabilization of loose fill material in shoulder and runway strip;
- Improvement of drainage including repairs of existing cross and longitudinal drains of airstrip;
- A paved area of dimension 60m X 30m to be provided at both ends. The strength of the paved area shall be according to Planning Circular 1 of 2010;
- Runway strip of dimension 1370m X 80m (1250 m runway + 60 m paved area at both ends and 80 width of runway).

### 3.3.2. The EAC after **deliberation recommended for granting ToR** with the following specific ToRs:

- i. Study of Safety and stability aspect by an appropriate specialized geotechnical engineering institute and its report be submitted along with the EIA/EMP report.
- ii. Examine the impact of the proposed project on the nearest settlements.
- iii. Examine baseline environmental quality along with projected incremental load due to the proposed project/activities.
- iv. Examine and submit details of levels, quantity required for filling, source of filling material and transportation details etc.
- v. Examine road/rail connectivity to the project site and impact on the existing traffic network due to the proposed project/activities. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
- vi. Examine the details of water requirement, use of treated waste water and prepare a water balance chart. Source of water vis-à-vis waste water to be generated along with treatment facilities to be proposed.
- vii. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water.
- viii. Examine details of Solid Waste Generation treatment and its disposal.

- ix. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
- x. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
- xi. The air quality monitoring should be carried out according the notification issued on 16<sup>th</sup> November, 2009.
- xii. Submit details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation. Explore the possibilities of relocating the existing trees.
- xiii. Examine the details of afforestation measures indicating land and financial outlay. Landscape plan, green belts and open spaces may be described. A thick green belt should be planned all around the nearest settlement to mitigate noise and vibrations. The identification of species/ plants should be made based on the botanical studies.
- xiv. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Airport>".

The EAC exempted the Public Hearing since the proposed developments are within the premises and no land acquisition/ R&R issues involved (only transfer of land from Himachal Pradesh PWD).

### **3.4. Development of New Industrial area Karoli at village Karoli, Tapukara, Ladamka, Kamalpur and Dhiriawas Dist. Alwar, Rajasthan by M/s RIICO - Environmental Clearance [F.No.21-28/2012-IA.III]**

3.4.1 The proposal was examined by the EAC in its meeting held in February, 2014 and May, 2014. The Committee noted that the industrial area was proposed in an arid zone, hence water conservation deserved the highest priority and close technical scrutiny. The Committee discussed the rain water harvesting calculations submitted by the proponent w.r.t inflow of water and the recharging capacity of the total no of recharging wells provided in the industrial area based upon the type of subsoil strata, maximum intensity of rainfall, design of the recharge pit etc and the assumptions of the coefficients for different types of sub soil strata. It was observed that the proponent has to seek NOC from the CGWA for groundwater withdrawal and proposed component of rainwater harvesting which is expected to scientifically validate the assumptions. The Committee therefore suggested that the matter shall be further considered once the NOC and the report from the CGWA regarding the rainwater harvesting is obtained.

3.4.2 The proponent made a presentation and submitted the details of water conservation measures.

3.4.3. The EAC after **deliberation recommended for grant of Environmental Clearance** with the following specific conditions:

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six Monthly Monitoring reports.
- ii. Consent order shall be obtained from State Pollution Control Board and norms of State Pollution Control Board shall be complied with.
- iii. Special purpose Vehicle shall be established for implementation, monitoring and compliance of the environmental safeguards.
- iv. All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to RO, MoEF&CC along with half yearly compliance report.
- v. The project proponent shall set up a separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- vi. The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purpose.

**3.5. Setting up of CETP at Khasra No. 19/21, 20/24, 20/25, 28/4, 28/5 28/6, and 28/7, village Saidpura, Derabassi, SAS Nagar, Mohali, Punjab by M/s Saidura Envirotech Pvt. Ltd - Environmental Clearance. [F.No.10-66/2013-IA.III]**

**3.5.1 The proponent made a presentation and informed that:**

- i. The proposal is for setting up of the Common Effluent Treatment Plant at Village Saidpura, Tehsil-Dera Bassi, District SAS Nagar, Mohali, and Punjab. The capacity of common effluent treatment plant (CETP) will be 5MLD (2 MLD in first phase for present requirement and 3MLD in second phase for future requirement) and the sewage treatment plant (STP) will be of 7MLD (3.5 MLD in first phase for present requirement and 3.5 MLD in second phase for future requirement). The CETP will treat the effluent from industries located in Free Enterprise Zone of Derabassi and the STP will treat the sewage received from nearby villages.
- ii. Dera Bassi, near Chandigarh, has a cluster of Pharma Industries mostly manufacturing bulk drugs. The process of production includes extraction, processing, purification and packaging. Pharmaceutical manufacturing is divided into two major stages: production of the active ingredient or drug (primary processing, or manufacture) and secondary processing, the conversion of the active drugs into products suitable for administration.
- iii. The major manufacturing groups include, active pharmaceutical ingredients & their intermediates, broad range of semi synthetic antibiotic. Pharmaceutical Industries require huge quantity of water and generate wastewater (effluent) with chemical and biological contaminants. Ground water is the major source of raw water for use in Pharmaceutical industries. Wastewater, thus generated by the industries, after collection from individual industry through a network of tankers & pipelines is proposed to be treated in 5 MLD Common Effluent Treatment Plant (CETP)

- iv. The treatment units include Air Stripper, Multiple Effect Evaporators, SBR system, Plate and Tube Reverse Osmosis. The treated wastewater from CETP & STP will be used for gardening, construction activity, industrial & irrigation purposes & boiler feed water to generate steam for multiple effect evaporators (MEE). MEE which is a part of CETP. The generation of steam in boiler will be coupled with co-generation of power. Fuel for the boiler will be rice husk/biomass available in the area. The requirement of steam for MEE unit of CETP will be through boiler of co-generation of power (1.3 MW capacity) using rice husk/biomass as a fuel (2700-3000kg/hr). Total Power demand will be 1060kW. Power supply source – Co-generation plant and Punjab State Transmission Corporation Limited (PSTC Ltd.) In case of power failure D.G. Set can be used (1000KVA capacity). Water requirement will be during construction phase approximately 50 KLD & 20KLD during operation of CETP. The investment total cost of project is estimated about Rs. 50.00 crores.
- v. The project falls under Category 'A' Schedule 7(h) as per the EIA Notification, 2006, due to interstate boundary of Haryana within 10 km.

The proposal was examined by the EAC in its 130<sup>th</sup> meeting held on 22<sup>nd</sup> - 24<sup>th</sup> January, 2014 and ToR finalized including conduct of public hearing. The Public Hearing was conducted on 01.10.2014 at SAS Nagar, Punjab.

**3.5.2 EAC after deliberations recommended the project for grant of Environmental Clearance** for the project with the following conditions:

- i. Consent order shall be obtained from State Pollution Control Board and norms of State Pollution Control Board shall be complied with.
- ii. The units and the CETP will maintain daily log book of the quantity and quality of discharge from the units, quantity of inflow into the CETP, details of the treatment at each stage of the CETP including the raw materials used, quantity of the treated water proposed to be recycled, reused within the units, quantity of the treated effluent discharged. All the above information shall be provided on-line of the web site exclusively prepared for the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP will also be provided along with details of the workers of the CETP.
- iii. The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.
- iv. The treated effluent shall be reused and recycled. Excess if any shall be supplied to farmers as committed with the consent of Pollution Control Board. The details shall be maintained for scrutiny.
- v. Regular monitoring of functioning of CETP and treated effluent shall be carried out by the proponent.
- vi. The MoU between CETP and member units shall indicate the maximum quantity of effluent to be sent to the CETP along with the quality.
- vii. The effluent from member units shall be transported through CETP tankers only duly maintaining proper manifest system. The vehicles shall be fitted with proper GPS system.

- viii. Before accepting any effluent from member units, the same shall be as permitted by the SPCB in the consent order. No effluent from any unit shall be accepted without consent from SPCB under the Water (P&CP) Act, 1974 as amended
- ix. Suitable meters shall be provided to measure the quantity of effluent received, quantity of effluent recycled/reused and discharged.
- x. All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to RO, MoEF&CC along with half yearly compliance report.
- xi. The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- xii. The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.
- xiii. Project proponent should develop a green belt all along the periphery of the site with plant species that are used for pollution abatement.

**3.6 Proposed Residential Project "Puranik City Phase IV" Survey Nos. 3(67)/2, 3(67)/1, (17/pt.) / 1/4, (17/pt.) / 1/5, (17/pt.) / 1/11, (17/pt.)/1/12, 42(55)/1A, 42(55)/1B, 4/4, at Village Mogharpada & Survey Nos.55/1, 52/2, 53/5, 53/4, 54/2, 53/1, 53/2, 52/1, 54/3, 54/1, 5/4, 1/9, at village Vadavali, Thane (West) District Thane, Maharashtra - Environmental Clearance [F.No.21-58/2014-IA-III]**

3.6.1. The proposal was examined by the EAC in its meeting held in October, 2014. The EAC after deliberation sought the following additional information:

- i. PP shall get certification/confirmation from Thane Municipal Corporation stating that the FSI/Non-FSI area, net plot area are in accordance with their regulations and are within permissible limits.
- ii. PP shall submit Zone Certificate of the site for land use from the designated Town and Country Planning Authority.
- iii. PP shall submit assurance of water availability for the proposed number of tenements.
- iv. It would be advisable for the Thane Municipal Corporation to revisit the norms for vehicle parking for EWS, viz. one slot for two tenements.

3.6.2. The proponent made a presentation and informed that:

- i. The Municipal Corporation of City of Thane vide letter dated 20.12.2014 issued Letter of Intent.
- ii. The project is located at 19°16'39.26"N Latitude and 72°57'54.96"E Longitude
- iii. The project is a proposed residential development with shops wherein no redevelopment component has been involved.
- iv. The total plot area is 46,810.05 sqm. The project will comprise of total 6 Nos. of Buildings. FSI area is 59,616.54 sqm and total construction area of 1, 49,033.38 sqm. Total 1000 nos. of flats & 21 nos. of shops shall be developed. Maximum height of the building is 91.95 mt.

- v. During construction phase, total water requirement is expected to be 23 KLD for workers & 30-40 KLD for construction which will be met by Thane Municipal Corporation (T.M.C.)/Tanker water. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- vi. During operational phase, total water demand of the project is expected to be 736 KLD and the same will be met 285 KLD by Recycled Water & 451 KLD by T.M.C. Thane Municipal Corporation vide letter dated 11.12.2014 issued NOC for supply of 1 MLD water.
- vii. Wastewater generated (588 KLD) uses will be treated in two STP's of total 650 KLD capacity. 285 KLD of treated wastewater will be recycled (227 KLD for flushing, 58 KLD for gardening). About 244 KLD will be disposed into municipal drain.
- viii. About 2.256 TPD solid waste will be generated in the project. The biodegradable waste (1.576 TPD) will be processed in OWC and the non-biodegradable waste generated (0.680 TPD) will be handed over to T.M.C.
- ix. The total power requirement during construction phase is 100 KW and will be met from MSEDCL and total power requirement during operation phase is 10214 KW and will be met from MSEDCL.
- x. Rooftop rainwater of buildings will be collected in 2 nos. of RWH tanks of total 76 KLD & 102 KLD capacities for harvesting after filtration.
- xi. Parking facility for 1177 four wheelers and 1223 two wheelers is proposed to be provided against the requirement of 1072 four wheelers and 1223 two wheelers (according to local norms).
- xii. Proposed energy saving measures would save about 23 % of power.
- xiii. It is located within 10 km of Eco Sensitive areas (Sanjay Gandhi National Park: App. 2.30 km).
- xiv. There is no court case pending against the project.

3.6.3. The EAC after **deliberation recommended for grant of Environmental Clearance** with the following specific conditions:

- i. PP shall submit the information in accordance with the OM dated 20.08.2014 for obtaining clearance under Wildlife (Protection) Act, 1972.
- ii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- iii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- iv. Solid waste shall be collected, treated and disposed according to rules.
- v. PP shall comply with the conditions of NOC/Clearance obtained from Fire Department.
- vi. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- vii. Parking facility with 6 m clear driveway shall be provided as committed.
- viii. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.

- ix. The EC be 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, as projected, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/efficiency Authority in the State. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.7. Construction of proposed Residential and Commercial project with MMRDA rental housing project at Balkum, Dhokali, Kolshet, Thane, Maharashtra by M/s Ishwer Realty and Technologies Pvt. Ltd- Environmental Clearance [F.No.21-65/2014-IA-III]**

The proposal was taken by the EAC in October, 2014. EAC noted that the ToR was granted by the SEIAA, Maharashtra. Hence suggested to the Ministry to call the earlier record immediately from SEIAA.

**3.7.1 The proponent made a presentation and informed that:**

- i. The project is located at 19°14'02.98"N Latitude and 72°59'21.77"E Longitude.
- ii. The proposed project is Residential cum Commercial and Affordable Housing Project at Village Balkum, Dhokali & Kolshet Thane(W). The Project comes within the municipal limits of Thane Municipal Corporation.
- iii. Earlier Clearance details, Constructions status, if any: No
- iv. The total plot area is 3,55,704.6 m<sup>2</sup>. The project will comprise of 80 nos. of Residential Buildings, 1 Commercial building and Multi-level Car Parking building. FSI area is 6,89,330.66 m<sup>2</sup> and total construction area of 18, 42,837.37 m<sup>2</sup>. Total 9392 flats shall be developed. Maximum height of the building is 91.90 m.
- v. During construction phase, total water requirement is expected to be 400 KLD which will be met by tanker water. During the construction phase mobile STP will be provided and treated water will be used for construction purpose. Temporary sanitary toilets will be provided during peak labor force.
- vi. During operational phase, total water demand of the project is expected to be 6355 KLD and the same will be met by fresh water from Thane Municipal corporation and recycled water. Wastewater generated (5932KLD) uses will be treated in 4 STPs of total 6100 KLD capacity. 2340 KLD of treated wastewater will be recycled (2123 KLD for flushing, 217 KLD for gardening). About 3533 KLD will be disposed in to municipal drain.
- vii. About 23548 kg/d solid waste will be generated in the project. The biodegradable waste (14129 kg/d) will be processed in Bio-Methanation Plant and the non-biodegradable waste generated (9,419 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 2000 kVA and will be met from MSEDCL and total power requirement during operation phase is 51mVA and will be met from MSEDCL
- viii. Rooftop rainwater of buildings will be collected in 29 RWH tanks of total 3115 KLD capacity for harvesting after filtration.
- ix. Parking facility for 10813 four wheelers and 9467 two wheelers is proposed to be provided against the requirement of 10813 and 9467 respectively (according to local norms).
- x. Proposed energy saving measures would save about 20.02 % of power.
- xi. It is located within 10 km of Sanjay Gandhi National park.
- xii. There is no court case pending against the project.

3.7.2. The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. MoU shall be made with the TSDF for the removal of contaminated soils and safe disposal.
- ii. PP shall obtain NOC/ permission for disposal of huge quantity of treated sewage in to municipal sewer.
- iii. PP shall get the approval for decontamination activity and get the site examined and certified by the SPCB that there is no contamination.
- iv. PP shall obtain all necessary clearances from relevant authorities and ensure that the site is free from contamination and has no future impact to health and safety of the inhabitants.
- v. PP shall submit the information in accordance with the OM dated 20.08.2014 for obtaining clearance under Wild Life (Protection) Act, 1972.
- vi. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- vii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- viii. Solid waste shall be collected, treated and disposed according to rules.
- ix. PP shall comply with the conditions of NOC/Clearance obtained from Fire Department.
- x. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- xi. Parking facility with 6 m clear driveway shall be provided as committed.
- xii. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- xiii. The EC be 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.
- xiv. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, as projected, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.8. CNG Gas filling Station at CTS No. 1 (pt), village- Mankurd, Taluka Chembur, Mumbai by M/s Mahanagar Gas Ltd - CRZ Clearance [F.No.11-48/2014-IA.III]**

**3.8.1.** The proponent made a presentation and informed that:

- i. The project involves establishment of a CNG Gas filling Station at CTS No-1(Pt), Village- Mankhurd, Taluka Chembur, Mumbai, Maharashtra.
- ii. The total area of the proposed CNG station is 1500 sqm and the total built up area is 910.44 sqm.

- iii. The project comprises Basement, Ground, First and Second Floor with maximum height 16m. It is facing the proposed 61 m wide DP road.
- iv. The facilities are the storage cascade consisting cylinders having 2000 liters water capacity and will be charged with natural gas with pressure 250 bar.
- v. The solid waste generated will be segregated at source into biodegradable and non biodegradable waste. The biodegradable and non biodegradable waste will be handed over to local municipal authorities.
- vi. The water requirement during construction phase is approx 1.0 KLD. and it will be sourced by tankers. The water requirement during operational phase is approx 0.5 KLD and will be sourced by Municipal Corp. of Greater Mumbai.
- vii. The total cost of the project is Rs 472 Lakhs.

The proposed site falls under CRZ-II and situated on seaward side of existing road. The Maharashtra Coastal Zone Management Authority has recommended the project vide letter no. CRZ 2011/CR-170/TC-4 dated 03.09.2014.

3.8.2. The EAC after deliberation **recommended for grant of CRZ Clearance** with the following specific conditions:

- i. The clearance shall be deemed as clearance in respect of Fire and Safety, Project Proponent shall take necessary approvals as required in respect of Fire and Safety aspects from competent authority.
- ii. Emergency preparedness plan shall be in place in accordance with OISD safety guidelines etc.
- iii. All conditions stipulated by MCZMA shall be complied with.

### **3.9 Proposed Residential Project with MCGM Parking on plot bearing C.S No. 1551 of Girgaum Division, D/Ward, Mumbai, Maharashtra by M/s Hubtown Ltd- Environmental Clearance.[F.No.21-70/2014-IA.III]**

3.9.1. The proponent made a presentation and informed that:

- i. The total plot area is 15, 893.10Sq.m. The total project will consist of Tenant: 1 Building (Wing D) 3 Basements + Ground + 9 Podia + 10<sup>th</sup> Podium Top/Stilt + 11<sup>th</sup> to 16<sup>th</sup> floors-n 28 flats, Sale: 1 Building of 3 Wings (Wing A, B & C)-3 Basements + Ground + 9 Podia + 10<sup>th</sup> Podium Top/Stilt + 11<sup>th</sup> to 16<sup>th</sup> floors- 325 flats. FSI area is 52, 559.86 Sq.m and total construction area of 1, 47, 594.49Sq.m. Total 353 flats will be developed. Maximum height of building is 222.80 m.
- ii. During construction phase, total water requirement is expected to be 80 KLD which will be met by MCGM/Tankers. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- iii. During operational phase, total water demand of the project is expected to be 257 KLD and the same will be met by the MCGM& Recycled water. Wastewater generated will be 215 KLD and will be treated in 1 STP of 240 KLD capacity. 193 KLD of treated wastewater will be recycled, 80 KLD for flushing, 9 KLD for gardening. About 98 KLD will be disposed into municipal drain.

- iv. About 794 KGD solid wastes will be generated in the project. Biodegradable waste of 556 KGD will be processed in OWC and Non-Biodegradable waste generated of 238 KGD will be handed over to authorized local vendor.
- v. The total power requirement during construction phase is 100KVA and will be met from BEST/DG and total power requirement during operation phase is 15034 KW and will be met from BEST
- vi. Rooftop rainwater of buildings will be collected in 1 RWH tanks of total 86KLD capacity for harvesting. The water will be used after filtration.
- vii. Parking facility for 1566 four wheelers is proposed to be provided against the requirement of 1561.[ 688 Nos. as resident parking and 878 Nos. for Public Parking].
- viii. Proposed energy saving measures would save around 25% of power.
- ix. Project is not located within 10 Km of Eco Sensitive areas.
- x. There is no court case pending against the project.

**3.9.2 The EAC after deliberation recommended for grant of Environmental Clearance with the following specific conditions:**

- i. The quantity of water usage and rainwater harvesting shall be monitored and recorded. The record shall be submitted to the Regional Office, MoEF& CC along with six Monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.10. Proposed residential project "Puranik City Phase V "Survey Nos 42(55)/1A(P), 42(55)/1B(P) at Village Mogharpada Thane (West) District Thane, Maharashtra- Environmental Clearance [F.No.21-77/2014-IA-III]**

**3.10.1. The proponent made a presentation and informed that:**

- i. The project is located at 19°16'52.52"N Latitude and 72°57'30.55"E Longitude
- ii. The project is a proposed residential development with shops wherein no redevelopment component has been involved

- iii. The total plot area is 8330.35 sq. mt. The project will comprise of One Building. FSI area is 15,159.99 sq. mt and total construction area of 38,534.85 sq. mt. Total 227 flats & 9 shops shall be developed. Maximum height of the building is 91.95 mt.
- iv. During construction phase, total water requirement is expected to be 9 KLD for workers & 5 -10 KLD for construction which will be met by Thane Municipal Corporation (T.M.C.)/Tanker water. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- v. During operational phase, total water demand of the project is expected to be 167 KLD and the same will be met 64 KLD by Recycled Water and 103 KLD by T.M.C. Wastewater generated (134 KLD) will be treated in one STP of total 147 KLD capacity. 64 KLD of treated wastewater will be recycled (52 KLD for flushing, 12 KLD for gardening). About 57 KLD will be disposed in to municipal drain.
- vi. About 0.514 TPD solid wastes will be generated in the project. The biodegradable waste (0.359 TPD) will be processed in OWC and the non-biodegradable waste generated (0.155 TPD) will be handed over to T.M.C.
- vii. The total power requirement during construction phase is 100 KW and will be met from MSEDCL and total power requirement during operation phase is 2268 KW and will be met from MSEDCL
- viii. Rooftop rainwater of buildings will be collected in 1 RWH tank of total 34 KLD capacity for harvesting after filtration.
- ix. Parking facility for 323 four wheelers and 280 two wheelers is proposed to be provided against the requirement of 323 four wheelers and 280 two wheelers (according to local norms).
- x. Proposed energy saving measures would save about 26 % of power.
- xi. It is located within 10 km of Eco Sensitive areas (Sanjay Gandhi National Park: App. 2.30 km).
- xii. There is no court case pending against the project.

3.10.2. The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. PP shall submit the information in accordance with the OM dated 20.08.2014 for obtaining clearance under Wild Life (Protection) Act, 1972.
- ii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- iii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- vii. Solid waste shall be collected, treated and disposed according to 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 clear 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.11. Expansion project at C. T. S No. 1482-C, 1478-C, 1476-A, 1475-A, 1474-C, 1472-A, 1458/1, 1457-A, 1456, 1455-A, 1454-A, 1453, 1435-C, 1447, 1448 of village Dahisar at Dahisar (E), Mumbai by M/s Nahalchand Laloochand Pvt. Ltd.- Environmental Clearance [F.No.21-88/2014-IA.III]**

**3.11.1 The proponent made a presentation and informed that:**

- i. The project is located at 19015'37.54"N Latitude and 72051'47.35"E Longitude
- ii. This is an expansion project. There are total 9 existing buildings which earlier were not under purview of EIA Notification.
- iii. The total plot area is 32,808.10 sq.m. The project will comprise of 9 existing buildings and one proposed building. FSI area is 68,516.09 sq.m. and total construction area of 92,040.44 sq. m. Total 877 flats & 58 shops of existing buildings have already been developed and 358 flats of proposed buildings shall be developed. Maximum height of the building is 69.90 mt.
- iv. During construction phase, total water requirement is expected to be 12 KLD for workers and 10-20 KLD for construction which will be met by M.C.G.M. and tanker respectively. Disposal of waste water will be to existing municipal sewer line. Temporary sanitary toilets will be provided for construction labour.
- v. During operational phase, total water demand of the project is expected to be 899 KLD and the same will be met by the 139 KLD recycled water and 760 KLD fresh water from MCGM. Wastewater generated (729 KLD – From Existing = 519 KL, From Proposed = 210 KLD) of which 210 KLD from proposed building will be treated in one STP of total 235 KL capacity. 139 KLD of treated wastewater will be recycled (81 KLD for flushing of proposed building and 58 KLD for gardening). About 569 KLD (519 KLD from existing buildings and 50 KLD from proposed) will be disposed in to municipal drain.
- vi. About 2.79 TPD solid waste will be generated in the project. The total biodegradable waste (1.95 TPD) out of which 0.56 TPD generated from proposed building will be processed in OWC and remaining biodegradable waste generated from existing building (1.38 TPD) and total non-biodegradable waste generated (0.85 TPD) will be handed over to M.C.G.M.
- vii. The total power requirement during construction phase is 100 KVA and will be met from TATA Power Co. and total power requirement during operation phase is 9831.34 KW and will be met from TATA Power Co.
- viii. Rooftop rainwater of buildings will be collected in One RWH tank of 160 KLD capacity for harvesting after filtration.

- ix. Parking facility for 742 four wheelers and 87 two wheelers is proposed to be provided against the requirement of 715 four wheelers and Nil two wheelers respectively (according to local norms).
- x. Proposed energy saving measures would save about 30 % of power.
- xi. It is located within 10 km of Eco Sensitive areas (Sanjay Gandhi National Park : Approx. 3.00 km).
- xii. There is no court case pending against the project.

**3.11.2** The EAC after deliberation suggested to the **Ministry to seek clarification from State Government** on Circular dated 17.01.2014 of Environment Department, GoM regarding requirement of EC in the context of the Court order dated 18.12.2013 in WP 2809 of 2012 and WP (Lod) No. 470 of 2013 and order dated 06.03.2014 in WP 662 of 2014.

**3.12. Mixed Used Development - Trivedi Tower” C.T.S. No. 551/13 at Junction of Madan Mohan Malviya Road & 18.30 m wide D.P. Road of village Nahur, Mulund (W), Mumbai by M/s Chhaganlal Khimji & Co. Ltd. - Environmental Clearance [21-90/2014-IA-III]**

3.12.1 The proponent made a presentation and informed that:

- i. The project is located at 19°56'12.43"N Latitude and 72°56'36.17"E Longitude.
- ii. This is an expansion project. Project received Environment Clearance dt. 17<sup>th</sup> October 2006 (EC letter No: 21-74/2006-IA- III). As there is expansion and certain amendments in the planning, The Project proponent has reapplied for amendment in EC. Total Constructed FSI area on site till date: 19485.97 Sqm.
- iii. The plot area is 16898.20 Sqm. The project will comprise of 10 wings with one building of Marathon House, Club House and Temple. FSI area is 56539.56 Sqm. and total construction area of 145223.18 Sqm. Total 465 flats, 24 shops, offices, Amenity (Retail market), Marathon House, club house & temple shall be developed. Maximum height of the building is 149.00 mt.
- iv. During construction phase, total water requirement is expected to be 33 KLD for workers and 30-40 KLD for construction activity which will be met by M.C.G.M. and tanker respectively. During construction phase the waste water will be disposed to existing municipal sewer line. Temporary sanitary toilets will be provided for construction labour.
- v. During operational phase, total water demand of the project is expected to be 391 KLD and the same will be met by the 158 KLD recycled water, 229 KLD fresh water from MCGM and 4 KLD from tanker water of potable quality. Wastewater generated (314 KLD) will be treated in 3 STPs of total 630 KL capacity. 158 KLD of treated wastewater will be recycled (131 KLD for flushing, 27 KLD for gardening). About 125 KLD from the whole project will be disposed in to municipal drain.
- vi. About 1.28 TPD solid waste will be generated in the project. The biodegradable waste (0.83 TPD) will be processed in OWC and the non-biodegradable waste generated (0.44 TPD) will be handed over to M.C.G.M.
- vii. The total power requirement during construction phase is 100 KVA and will be met from Local Power Department and total power requirement during cooperation phase is 13494 KW and will be met from MSEDCL.

- viii. Rooftop rainwater of buildings will be collected in 3 RWH tanks of total 154 KL capacity for harvesting after filtration.
- ix. Parking facility for 1283 four wheelers and 160 two wheelers is proposed to be provided against the requirement of 1282 and Nil respectively. (according to local norms).
- x. Proposed energy saving measures would save about 25 % of power.
- xi. It is located within 10 km of Eco Sensitive areas (Sanjay Gandhi National Park: App. 1.10 Km).
- xii. There is no court case pending against the project.

**3.12.2** The EAC after deliberation suggested to the PP to submit the copy of the application which was submitted by PP to Municipal Corporation for obtaining LOI.

**3.13. Proposed residential development at C.T.S. No. - 216 A, B of Ador Welding, J. B. Advani Mills, Opp. Asian Paints Factory, L. B. S. Road, Bhandup, State – Maharashtra by M/s. Godrej Properties Ltd - Environmental Clearance [F.No.21-98/2014-IA.III]**

**3.13.1** The proponent made a presentation and informed that:

- i. The project is located at 19°09'33.79"N Latitude and 72°56'11.85"E Longitude.
- ii. This is a new project wherein no redevelopment component is involved.
- iii. The total plot area is 27,539.90 sqm. The project will comprise of one building with 6 wings. FSI area is 56,105.98 sqm. and total construction area of 1, 22,587.10 sqm. Total 763 nos. of flats will be developed. Maximum height of the building is 109.70mt.
- iv. During construction phase, total water requirement is expected to be 12 KLD for workers and 10 -20 KLD for construction purpose which will be met by M.C.G.M. and water tankers respectively. Disposal of waste water will be into existing municipal sewer line. Temporary sanitary toilets will be provided for construction labour.
- v. During operational phase, total water demand of the project is expected to be 564 KLD and the same will be met 221 KLD by Recycled Water and 343 KLD by the M.C.G.M. Wastewater generated (446 KLD) will be treated in 2 STPs of 450 KL & 55 KL capacity. 221 KLD of treated wastewater will be recycled (171 KLD for flushing, 50KLD for gardening). About 180 KLD will be disposed into municipal drain.
- vi. About 1.718 TPD solid waste will be generated in the project. The total biodegradable waste (1.202 TPD) will be processed in OWC and total non-biodegradable waste generated (0.516 TPD) will be handed over to M.C.G.M.
- vii. The total power requirement during construction phase is 100 KW and will be met from Local Power Distribution and total power requirement during operation phase is 5267 KW and will be met from Local Power Distribution.
- viii. Rooftop rainwater of buildings will be collected in one RWH tank of total 200 KLD capacity for harvesting after filtration.
- ix. Parking facility for 1080 four wheelers and 115 two wheelers is proposed to be provided against the requirement of 1078 four wheelers (according to local norms).
- x. Proposed energy saving measures would save about 22% of power.

- xi. It is located within 10 km of Eco Sensitive areas (Sanjay Gandhi National Park: App. 0.80 km).
- xii. There is no court case pending against the project.
- xiii. Welding rod manufacturing units – conversion from Industrial to Residential obtained.

**3.13.2 The EAC after deliberation recommended for grant of Environmental Clearance with the following specific conditions:**

- i. PP shall submit the information in accordance with the OM dated 20.08.2014 for obtaining clearance under Wild Life (Protection) Act, 1972.
- ii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- iii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- iv. Solid waste shall be collected, treated and disposed according to rules.
- v. PP shall comply with the conditions of NOC/Clearance obtained from Fire Department.
- vi. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- vii. Parking facility with 6 m clear driveway shall be provided as committed.
- viii. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.14. Proposed Redevelopment Project" At- CTS No.833/ 15, Pratap Co-operative Housing Society Ltd., Jai Prakash Road, Between 4 & 7 Bungalows, Andheri (W), Mumbai by M/s. Kabra & Associate - Environmental Clearance [F.No.21-100/2014-IA.III]**

3.14.1 The Committee **decided to defer** the consideration of project, since the Project Proponent did not attend the meeting.

**3.15. Proposed construction of residential development "Arkade Art" on Plot Bearing Survey no. 109 Hissa no. 3, 6, Survey no. 111 Hissa no. 10, Survey no. 121, Hissa no. 1, 2, 8 of Village Ghodbunder, Bhayander (East), Taluka& District – Thane by M/s. Arkade Realty Ltd. - Environmental Clearance [F.No.21-105/2014-IA.III]**

3.15.1 The Committee **decided to defer** the consideration of project, since the Project Proponent did not attend the meeting.

**3.16. Construction of proposed “Island City Centre” C. S. No. 223, 1/983, 1/128 (pt) & 120 (pt) DadarNaigaum division at G.D. Ambedkar Marg, Wadala, Mumbai State: Maharashtra by M/s. Bombay Dyeing & Mfd. Co. Ltd. - Environmental Clearance [F.No.21-115/2014-IA.III]**

3.16.1 The proponent made a presentation and informed that:

- i. The project is located at 19°00'33.41"N Latitude and 72°50'53.48" E longitude
- ii. The project is residential development wherein redevelopment of residences for mill workers has been involved
- iii. This project has received prior Environment Clearance (EC) from MoEF: 21<sup>st</sup> March 2006 and Corrigendum dated 29<sup>th</sup> March 2006, from SEIAA, Maharashtra: 07<sup>th</sup> December, 2011 Corrigendum dated 18<sup>th</sup> February 2013. As there are certain amendments, reapplication for revised EC has been made to State Environment Expert Appraisal Committee - 2 (SEAC - 2), Maharashtra on dated 04.10.14. Project has already received project specific Terms of References (TOR) from SEAC-2, Maharashtra in its 5<sup>th</sup> meeting dated 16<sup>th</sup> November 2012. Copy of project specific TOR along with General TOR (Annexure A) given by SEAC-2
- iv. Total constructed area (FSI+ Non FSI) till date: 77586.68 Sq. mt.
- v. The total plot area is 1,83,663.18 sqm. The project will comprise of Five Buildings. FSI area is 1,66,766.85sqm. and total construction area of 3,53,818.99 sqm. Total 1327 flats will be developed. Maximum height of the building is 223.20 mt.
- vi. During construction phase, total water requirement is expected to be 32 KLD for workers & 30-40 KLD for construction which will be met by M.C.G.M. and water tankers/excess treated sewage respectively. During the construction phase disposal of waste water will be to existing municipal sewer line. Temporary sanitary toilets will be provided for construction labour
- vii. During operational phase, total water demand of the project is expected to be 1109 KLD and the same will be met by the 485 KLD by recycled water, 596 KLD by M.C.G.M. and 28 KLD by tanker water of potable quality. Wastewater generated (775 KLD) will be treated in five STPs of capacity 103 KL, 225 KL, 190 KL, 125 KL and 210 KL respectively. 485 KLD of treated wastewater will be recycled (298 KLD for flushing, 187 KLD for gardening). About 165 KLD will be disposed in to municipal drain.
- viii. About 2.9 TPD solid waste will be generated in the project. The biodegradable waste (2.0 TPD) will be processed in OWC and the non-biodegradable waste generated (0.9 TPD) will be handed over to MCGM.
- ix. The total power requirement during construction phase is 100 KW and will be met from TATA power and total power requirement during operation phase is 30152 KW and will be met from TATA power
- x. Rooftop rainwater of buildings will be collected in 4 RWH tanks of capacity 49 KL, 54 KL, 144 KL & 72 KL respectively for harvesting after filtration.
- xi. Parking facility for 1940 nos. of four wheelers and 57 two wheelers is proposed to be provided against the requirement of 1836 four wheelers and 0 two wheelers respectively (according to local norms).
- xii. Proposed energy saving measures would save about 20% of power.

- xiii. It is not located within 10 km of Eco Sensitive areas
- xiv. There is court case pending against the project

3.16.2. The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. PP shall comply with all the earlier conditions of EC.
- ii. PP shall submit the information in accordance with the OM dated 20.08.2014 for obtaining clearance under Wild Life (Protection) Act, 1972.
- iii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- iv. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- v. Solid waste shall be collected, treated and disposed according to rules.
- vi. PP shall comply with the conditions of NOC/Clearance obtained from Fire Department.
- vii. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- viii. Parking facility with 6 m clear driveway shall be provided as committed.
- ix. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- x. 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.
- xi. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.17 Construction of proposed Residential Project Vasant Greens” at S. No. 98/5, 98/6, 76/1, 76/2, 76/3, 75/1, 75/2, 75/3, 75/5, 75/6, 70/1, Shirgaon Village, Thane by M/s Konark Life Space - Environmental Clearance [F.No.21-121/2014-IA.III]**

3.17.1. The proponent made a presentation and informed that:

- i. The project involves construction of residential building “Vasant Greens” at S. No. 98/5, 98/6, 76/1, 76/2, 76/3, 75/1, 75/2, 75/3, 75/5, 75/6, 70/1, 71/1, 70/2, 77, 79/9, 79/10, 78/3, 100/10, Shirgaon Village, Badlapur, Thane, Maharashtra.
- ii. The total plot area is 42654 sqm. The FSI area is 61868.62 sqm. Non-FSI area is 21576.44 sqm. Total construction area is 83445.04 sqm. Proposed project consists of 24 wings (ST+7, ST+12, ST+10 Floors), 1672 nos. of residential tenants and 30 nos. of shops.
- iii. The total water requirement is 1220 KLD (domestic-754 KLD, flushing-378 and gardening – 88) and will be sourced from Kulgaon Badalapur Municipal Council (KBMC). The total sewage generated is 1057 KLD which will be treated in STP

having capacity of 1060 KLD. Total 951 KLD wastewater will be treated and reuse for flushing-378, gardening – 88 and balance 485 KLD will be discharged in KBMC sewer line.

- iv. The total solid waste generation is dry waste - 1688 kg/day and wet waste - 2515 kg/day.
- v. Parking facility for 300 nos. of four wheelers, 2090 nos. of two wheelers and 2090 nos. of cycles are proposed to be provided. The width of all internal roads is 9 m wide.
- vi. The total power requirement is 7721.96 KW which will be sourced by MDEDCL. Five DG sets having capacity 1 x 320 KVA, 1 x 500 KVA, 1 x 500 KVA, 1 x 625 KVA and 1 x 500 KVA will be used in case of power failure.
- vii. 22 nos. of recharge pits having size 3m x 3m x 3m Deep with deep bore soak way are proposed.
- viii. Rooftop rainwater of buildings will be collected in 1 no. of RWH tank of capacity 260 cum for harvesting after filtration.
- ix. The total cost of the project is Rs.122.86 crores.
- x. Proposed energy saving measures would save about 16.6 % of power.
- xi. It is not located within 10 km of Eco Sensitive areas.
- xii. 5 trees out of 13 existing at the site to be cut, 825 tree sapling proposed to be planted.
- xiii. There is no court case pending against the project.

3.17.2. The EAC after deliberation **recommended for grant of Environmental Clearance** after submission of revised layout shifting D.G sets from boundary and revised energy conservation measures with the following specific conditions:

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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 be 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.18. Construction of proposed “Al-Jamea Tus Saifiyah” Educational Institution at Plot bearing C.T.S No. 1280 (pt), 1280/1 (pt), 1280/2 (pt), 1281 (pt), 1282**

**(pt) and 1295 of Village Marol at Church Road, Andheri (East), District Mumbai Suburban, State Maharashtra by M/s The Saifee Foundation - Environmental Clearance [F.No.21-122/2014-IA.III]**

3.18.1 The EAC noted that the Gazette Notification S.O No.3252(E) dated 22.12.2014 exempts educational institutions from obtaining EC under the EIA Notification, 2006 hence prior EC is not required.

**3.19. Proposed redevelopment project” at c. S. No. 442(pt), 444(pt), 625(pt) & 447(pt), Parel, Sewree Division, F/south ward at Sewree, Mumbai, Maharashtra by M/s East & West Builders - Environmental Clearance [F.No.21-126/2014-IA.III]**

3.19.1 The proponent made a presentation and informed that:

- i. The project is located at 19° 00'25.31" N Latitude and 72° 50'55.83" E Longitude
- ii. The project is Redevelopment scheme.
- iii. Earlier Clearance details, Constructions status, if any: Project received Environment Clearance dt. 2007 EC letter No: 21-424/2006-IA-III. Total Constructed Area till date on site: 10228.52 Sq. mt. (Built up area as per FSI).
- iv. The total plot area is 15,415.02 sq. mt. The project will comprise of 4 Buildings. FSI area is 48,047.20 sq. mt. and total construction area of 1, 40,242.35 sq. mt. Total 637 Nos. of flats and 10 nos. of shops shall be developed. Maximum height of the building is 153.50 mt. (upto terrace level).
- v. During construction phase, total water requirement is expected to be 12 KLD for workers and 10 -20 KLD for construction purposes which will be met by M.C.G.M. and water tankers respectively. During the construction phase, the sewage generated will be disposed in sewer line soak pits. Temporary sanitary toilets will be provided during peak labor force.
- vi. During operational phase, total water demand of the project is expected to be 447 KLD and the same will be met 155 KLD by Recycled Water, 287 KLD by the M.C.G.M., and 5 KLD by tanker water of potable quality. Wastewater generated (376 KLD) will be treated in 2 STPs of capacity 210 KL each. 155 KLD of treated wastewater will be recycled (146 KLD for flushing, 9 KLD for gardening). About 184 KLD will be disposed in to municipal drain.
- vii. About 1.44 TPD solid wastes will be generated in the project. The biodegradable waste (1.0 TPD) will be processed in OWC and the non-biodegradable waste generated (0.44 TPD) will be handed over to M.C.G.M.
- viii. The total power requirement during construction phase is 100 KW and will be met from BEST and total power requirement during co operation phase is 10692 KW and will be met from BEST.
- ix. Rooftop rainwater of buildings will be collected in 3 nos. of RWH tanks of capacity 60 KL, 25 KL & 100 KL for harvesting after filtration and provision of 1 pit.
- x. Parking facility for 594 four wheelers and nil norms of two wheelers is proposed to be provided against the requirement of 593 four wheelers and nil provision of two wheelers respectively (according to local norms).
- xi. Proposed energy saving measures would save about 27 % of power.
- xii. It is not located within 10 km of Eco Sensitive areas.
- xiii. There is no court case pending against the project.

3.19.2. The EAC after deliberation suggested to the PP to get clarification on the adequacy of proposed fire fighting facility from Fire Service Department.

### **3.20. Construction of 200 Bedded Hospital at Village Hastal, Tehsil Patel Nagar, District West Delhi, Delhi by M/s DSIIDC - Environmental Clearance [F.No.21-127/2014-IA.III]**

**3.20.1** The proponent made a presentation and informed that:

- i. The project involves construction of 200 Bedded Hospital at Village Hastal, Tehsil Patel Nagar, District West Delhi, Delhi.
- ii. The total plot area is 15139.15 sqm and total built up area is 39155.72 sqm. The maximum height is 32.4 m.
- iii. The solid waste generated will be 0.48 ton/day including biomedical waste and sewage sludge. It is estimated that about 163.78 KLD of waste water will be generated from the project during operation phase, which will be treated in sewage treatment plant of 197KLD capacity. Treated waste water of 155.59 KLD will be reused in gardening, flushing, cooling and road washing. There will be zero discharge.
- iv. It is estimated that about 50 kg/day of sludge will be generated which will be used as manure in green belt. Municipal Solid waste will be collected in twin bins for biodegradable and non-biodegradable categories as per Municipal Solid Waste (Management & Handling) Rules, 2000. Biomedical waste will be collected in coloured bins as per Biomedical Waste (Management & Handling) Rules, 1998.
- v. During Construction phase, 65 KLD of water requirement will be met by private tankers and during operation phase water demand will be 299.19 KLD including 143.6 KLD fresh water & 155.59 KLD treated water and will be sourced by Delhi Jal Board (DJB).
- vi. The total power requirement is 2998 KW will be sourced by BSES Limited. Three DG sets having capacity 1 x 750 KVA, 1 x 500 KVA and 1 x 200 KVA will be used in case of power failure.
- vii. Solar energy will be used for external lighting, landscape lighting.
- viii. The total parking facility provided for 605 ECS (Open parking-78 ECS and Basement parking – 527 ECS).
- ix. The total cost of the project is Rs. 197 Crore

**3.20.2.** The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. PP shall revisit the estimation of waste generation and submit MoU for disposal of Bio-Medical waste before commencement of operation.
- ii. Parking facility shall be revised and facility for taxi and three wheelers to be provided.
- iii. The bio-Medical wastes shall be managed in accordance with the Bio-Medical Waste (Management and Handling) Rules, 1998 as amended.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by

the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.

- v. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- vi. Solid waste shall be collected, treated and disposed according to rules.
- vii. PP shall comply with the conditions of NOC/Clearance obtained from Fire Department.
- viii. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- ix. Parking facility with 6 m clear driveway shall be provided as committed.
- x. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- xi. PP shall take measures to ensure 20% power / energy conservation.

**3.21. Proposed redevelopment project at plot no.-72, R.A. Kidwai Marg, Dnyaneshwar Nagar, Sewri-Wadala Mumbai by M/s East & West Builders - Environmental Clearance [F.No.21-128/2014-IA-IA-III]**

3.21. The proponent made a presentation and informed that:

- i. The project is located at 19° 00' 19.44" Latitude and 72° 50' 56.04" Longitude.
- ii. The project is Redevelopment scheme with public housing
- iii. Earlier Clearance details:  
This project has received prior Environmental Clearance (EC) from SEIAA, Maharashtra in the year 2010 (EC letter No: SEAC – 2009/CR – 207/TC- 2)  
Constructions status, if any: Total constructed work (Built - up area as per FSI) 3077.96 Sq. mt.
- iv. The total plot area is 16,824.41 sq. m. The project will comprise of 3 nos. of Buildings. FSI area is 54,057.19 sq. m. and total construction area of 1, 49,445.84 sq. m. Total 494 flats shall be developed. Maximum height of the building up to terrace level is 151.48 mt.
- v. During construction phase, total water requirement is expected to be 12 KLD for workers and 10 -20 KLD for construction purposes which will be met by M.C.G.M. and water tankers respectively. During the construction phase disposal of waste water will be to existing municipal sewer line. Temporary sanitary toilets will be provided during peak labor force.
- vi. During operational phase, total water demand of the project is expected to be 349 KLD and the same will be met 121 KLD by Recycled Water, 222 KLD by the M.C.G.M. and 6 KLD by tanker water of potable quality and. Wastewater generated (288 KLD) will be treated in 3 STPs of 45 KL, 40 KL and 240 KL capacity. 121 KLD of treated wastewater will be recycled (111 KLD for flushing, 10 KLD for gardening). About 138 KLD will be disposed in to municipal drain.
- vii. 1.11 TPD solid wastes will be generated in the project. The biodegradable waste (0.78 TPD) will be processed in OWC and the non-biodegradable waste generated (0.33 TPD) will be handed over to M.C.G.M.
- viii. The total power requirement during construction phase is 100 KW and will be met from BEST and total power requirement during co operation phase is 12420 KW and will be met from BEST.

- ix. Rooftop rainwater of buildings will be collected in 2 nos. of RWH Tanks of capacity 6 KL and 58 KL for harvesting after filtration and provision of 1 recharge pit.
- x. Parking facility for 605 four wheelers and nil two wheelers is proposed to be provided against the requirement of 596 four wheelers and nil two wheelers respectively (according to local norms).
- xi. Proposed energy saving measures would save about 25 % of power.
- xii. It is not located within 10 km of Eco-sensitive areas.
- xiii. There is no court case pending against the project.

3.21.2. The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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 will be 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.22. Proposed redevelopment project at Plot No-71, on R. A. Kidwai Marg, Dnyaneshwar Nagar, Sewri - Wadala by M/s East & West Builders - Environmental Clearance [F.No.21-129/2014-IA-III]**

3.22.1 The proponent made a presentation and informed that:

- i. The project is located at 19°00'25.31"N Latitude and 72°50'55.83"E Longitude.
- ii. The project is a redevelopment project with the approval of local authority, 11,037.23 sqm. constructed till date on site. Now FSI permissible is more, hence additional construction proposed.
- iii. The total plot area is 6381.73 sq. mt. The project will comprise of 2 Buildings. FSI area is 22641.19 sq. mt. and total construction area of 57410.06 sq. mt.

- Total 226 Nos. of flats will be developed. Maximum height of the building is 169.55 mt. (up to terrace level)
- iv. During construction phase, total water requirement is expected to be 12 KLD for workers and 10 -20 KLD for construction purposes which will be met by M.C.G.M. and water tankers respectively. Waste water will be disposed in to the existing municipal sewer line. Temporary sanitary toilets will be provided for construction labour.
  - v. During operational phase, total water demand of the project is expected to be 163 KLD and the same will be met 57 KLD by Recycled Water, 102 KLD by the M.C.G.M. and 4 KLD by tanker water of potable quality. Wastewater generated (133 KLD) will be treated in 2 STPs of total 75 KLD and 72 KLD capacity. 57 KLD of treated wastewater will be recycled (51KLD for flushing, 6 KLD for gardening). About 63 KLD will be disposed in to municipal drain.
  - vi. About 0.509 TPD solid wastes will be generated in the project. The biodegradable waste (0.357 TPD) will be processed in OWC and the non-biodegradable waste generated (0.152 TPD) will be handed over to M.C.G.M.
  - vii. The total power requirement during construction phase is 100 KW and will be met from BEST and total power requirement during co operation phase is 4895 KW and will be met from BEST.
  - viii. Rooftop rainwater of buildings will be collected in 1 RWH tanks of total 30 KLD capacity for harvesting after filtration and provision of 1 percolation well.
  - ix. Parking facility for 203 four wheelers is proposed to be provided against the requirement of 203 four wheelers (according to local norms).
  - x. Proposed energy saving measures would save about 25 % of power.
  - xi. It is not located within 10 km of Eco Sensitive areas.
  - xii. There is no court case pending against the project.

**3.22.2 The EAC after deliberation recommended for grant of Environmental Clearance with the following specific conditions:**

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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 be 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.23 Proposed residential development on plot bearing F.P No. 1211 of TPS-IV, Mahim Division at Yadav patil Marg, Off. Veer Savarkarmarg, Prabhadevi, G/North Ward, Mumbai. Known as Hindustan Mills, Maharashtra by M/s Hoary Realty Ltd. - Environmental Clearance [F.No.21-44/2014-IA.III]**

3.23.1 The proponent made a presentation and informed that:

- i. The project is located at Plot bearing F.P.No.1211 on T.P.S. IV, Mahim Division, Prabhadevi, Mumbai – 400025. State- Maharashtra by Hoary Realty Ltd.
- ii. The project is a new Residential Project
- iii. The project got Environment & CRZ Clearance vide No. 11-66/2009-IA.III dated 29<sup>th</sup> September, 2010 from MoEF.
- iv. The total plot area is 21,489.30 sqm. The total project will comprise of Tower A - 3Basement+ Ground + 1<sup>st</sup> to 9<sup>th</sup> Podium + 10<sup>th</sup>Amenity Floor + 49 Floors- 148 flats, Tower B - 3Basement+ Ground + 1<sup>st</sup> to 9<sup>th</sup> Podium + 10<sup>th</sup>Amenity Floor + 31 Floors-99 flats, Tower C - 3Basement+ Ground + 1 Podium + 1 Floor- 3 flats, Tower D - 3Basement+ Ground + 1 Podium + 1 Floor- 3 flats. FSI area is 47,759.54 Sq.m and total construction area of 1, 49,895.61Sq.m. Total 253 flats will be developed. Maximum height of building is 202.90 m.
- v. During construction phase, total water requirement is expected to be 80 KLD which will be met by MCGM/Tankers. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- vi. During operational phase, total water demand of the project is expected to be 203 KLD and the same will be met by the MCGM& Recycled water. Wastewater generated 148 KLD uses will be treated in 1 STP's of total 370 KLD capacities. 133 KLD of treated wastewater will be recycled, 57 KLD for flushing, 55 KLD for gardening. About 21 KLD will be disposed into municipal drain.
- vii. About 569 KGD solid wastes will be generated in the project. The biodegradable waste 398 KGD will be processed in OWC and the Non-Biodegradable waste generated 171 KGD will be handed over to authorized local vendor.
- viii. The total power requirement during construction phase is 100KVA and will be met from BEST and total power requirement during operation phase is 7651 MW and will be met from BEST
- ix. Rooftop rainwater of buildings will be collected in 4 RWH tanks of total 170 KLD capacity for harvesting after filtration
- x. Parking facility for 692 four wheelers is proposed to be provided against the requirement of 632.
- xi. Proposed energy saving measures would save around 25% of power.
- xii. Project is not located within 10 Km of Eco Sensitive areas.
- xiii. There is no court case pending against the project.

3.23.2. The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. Only part portion of the plot admeasuring 1475.60 Sq. mt (7%) falls within 100 mt from HTL of Mahim Bay (CRZ-II), which is affected by CRZ and proposed as DP RG to be handed over to Municipal Corporation of Greater Mumbai (MCGM). No construction is proposed within CRZ area.
- ii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- iii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- iv. Solid waste shall be collected, treated and disposed according to rules.
- v. PP shall comply with the conditions of NOC/Clearance obtained from Fire Department.
- vi. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- vii. Parking facility with 6 m clear driveway shall be provided as committed.
- viii. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.24. Proposed group housing project “Oyster Park - I” at Khasra nos. 260/308, 395/256, 394/260/308, Banbeerpur, Alwar, Rajasthan by M/s Insun Infrastructure and Developers Pvt. Ltd. - Environmental Clearance [F.No.21-131/2014-IA.III]**

**3.24.1** The proponent made a presentation and informed that:

- i. The proposal involves construction of group housing project “Oyster Park - I” at Khasra nos. 260/308, 395/256, 394/260/308, Banbeerpur, Alwar, Rajasthan.
- ii. The total plot area is 16,800.00 sq. m. and built up area is 60,012.79 sq. m. The project comprises 2 Towers, Floors of S+G+13 each with 560 nos. dwelling units. The maximum height of the project is 49.85 m (up to Machine Room level).
- iii. The total water requirement is 255 KLD (173 KLD fresh water + 82 KLD reuse/recycled) will be sourced by UIT Water Supply and ground water. The 82 KLD of treated wastewater will be reused/recycled for using Filter back wash (8.5 KLD), Flushing (58 KLD), landscaping (12 KLD) and General washing (3.5 KLD) and remaining 115 KLD will be supplied to farmers. The total waste water generation is 208 KLD. STP facility provided of capacity 250 KLD.
- iv. The total power requirement is 6,279 KW. 3 nos. of D.G sets of capacity 2x1500 kVA and 1x350 kVA.

- v. Parking for 634 ECU is proposed to be provided.
- vi. Rooftop rainwater of buildings will be collected in 5 RWH tanks of total 27 cum. capacity each for harvesting after filtration.
- vii. The total cost of the project is Rs. 95 crore.
- viii. The project is not located within the 10 km of Eco Sensitive Zone.
- ix. There is no court case pending against the project.

3.24.2 The EAC after deliberation sought the following:

- i. Assurance / permission for water supply.
- ii. A revised layout having 6 m clear driveway.

**3.25. Proposed construction of “ASHIANA NIRMAY” at Khasra no. 179,173,174,172,171,169 (P), Village Thada, District Alwar, Rajasthan by M/s Ashiana Housing Ltd - Environmental Clearance [F.No.21-133/2014-IA.III]**

3.25.1 The proponent made a presentation and informed that:

- i. The project will be located at 28°9'48.08"N Latitude and 76°48'50.83"E longitude.
- ii. The project is a new project. No construction has been started yet.
- iii. The total plot area is 35789 sq m. The project will comprise of 7 Residential Buildings, 1 Club parcel, 1 assisted living & 1 commercial building. FSI area will be 54932.9 sqm and total construction/built up area will be 84861.72 sqm. Total 624 main flats, 30 LIG & 45 EWS shall be developed. Maximum height of the building will be 38.5m.
- iv. During construction phase, total water requirement is expected to be 10 KLD which will be met by tanker water supplier. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- v. During operational phase, total water demand of the project is expected to be 267 KLD and the same will be met by the Ground water & Recycled Water. Wastewater generated (206 KLD) will be treated in 1 STP of total 250 KLD capacity. 99 KLD of treated wastewater will be recycled (71 KLD for flushing, 23 KLD for gardening & 5 KLD for miscellaneous purposes). About 97 KLD excess treated water will be disposed in to municipal drain.
- vi. About 819 Kg/ day solid waste will be generated in the project. The biodegradable waste (573Kg/ day) will be treated in Organic Waste Converter and the non-biodegradable waste generated (246 Kg/ day) will be handed over to authorized local vendor.
- vii. The total power requirement during construction phase is 30 KVA and will be met from 62.5 KVA DG set and total power requirement during operation phase will be 5864 KW and will be met from State Electricity Board (Rajasthan).
- viii. Rooftop rainwater of buildings will be collected in 8 RWH pits of dia 3.5 m & depth 3.0 m for recharging the ground water.
- ix. Parking facility for 690 four wheelers and 690 two wheelers is proposed to be provided against the requirement of 689 and 687 respectively (according to local norms).

- x. Proposed energy saving measures would save about 22.29% of power.
- xi. The project is not located within 10 km of Eco Sensitive areas.
- xii. There is no court case pending against the project.

3.25.2. The EAC after deliberation **recommended for grant of Environmental Clearance** after submission of permission for water supply 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. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- iii. Solid waste shall be collected, treated and disposed according to 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 the supplier. PP shall ensure the operation and maintenance of the STP.
- vi. Parking facility with 6 m clear 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 be 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.26. Proposed Expansion of Residential & Commercial Project on Plot bearing S.No. (Old)/H.No. 456/3 (New 132), 457 (New 135), 458 (New 134), 460 (New 136) at village Navghar, Tal & Dist. Thane, Maharashtra by M/s Akruti Jay Chandan JV - Environmental Clearance [F.No.21-134/2014-IA.III]**

**3.26.1** The proponent made a presentation and informed that:

- i. The project is located at Plot bearing S.No. (Old)/H.No. 456/3 (New 132), 457 (New 135), 458 (New 134), 460 (New 136) at village Navghar, Tal & Dist. Thane, Maharashtra. By M/s Akruti Jay Chandan JV.
- ii. The project is an Expansion of Residential & Commercial Project
- iii. Earlier Clearance details, No. 21-770/2007.IA.III dated 29- 01- 2008.
- iv. The total plot area is 58, 090.00 Sq.m. The total project will comprise of

Existing Capacity	Proposed Expansion	Total Project
Plot A Bldg. 1: G + 15 Fl. Bldg. 2: G + 15 Fl. Bldg. 3: St + 15 Fl.	Plot A	Plot A Bldg. 1: G + 15 Fl. Bldg. 2: G + 15 Fl. Bldg. 3: St + 15 Fl.

Bldg. 4: St + 9 Fl. Bldg. 5: St + 12 Fl. Bldg. 6: St + 9 Fl. Bldg. 7: St + 12 Fl. Bldg. 8: G + 14 Fl. Bldg. 9: G + 14 Fl. Plot B Bldg. 10: St + 16 Fl. Bldg. 11: St + 16 Fl. Shopping: G + 1 Fl. Club House: G + 2 Fl. Plot D Bldg. 14: G + 5 Fl. Bldg. 15: G + 6 Fl.	Bldg. 4: 3 Fl. above Bldg. 5: 3 Fl. above Bldg. 6: 3 Fl. above Bldg. 7: 3 Fl. above Bldg. 8: 1 Fl. above Bldg. 9: 1 Fl. above       Plot D Bldg. 14: 2 Fl. above Bldg. 15: 1 Fl. above	Bldg. 4: St + 12 Fl. Bldg. 5: St + 15 Fl. Bldg. 6: St + 12 Fl. Bldg. 7: St + 15 Fl. Bldg. 8: G + 15 Fl. Bldg. 9: G + 15 Fl. Plot B Bldg. 10: St + 16 Fl. Bldg. 11: St + 16 Fl. Shopping: G + 1 Fl. Club House: G + 2 Fl. Plot D Bldg. 14: G + 7 Fl. Bldg. 15: G + 7 Fl.
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- v. FSI area is 62, 053.51 Sq.m and total construction area of 78, 299.56 Sq.m. Total 1130 flats will be developed. Maximum height of building is 50.20 m.
- vi. During construction phase, total water requirement is expected to be 80 KLD which will be met by MBMC/Tankers. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- vii. During operational phase, total water demand of the project is expected to be 850 KLD and the same will be met by the MBMC & Recycled water. Wastewater generated 629 KLD uses will be treated in 2 STP's of total 700 KLD capacities. 566 KLD of treated wastewater will be recycled, 267 KLD for flushing, 53 KLD for gardening. About 246 KLD will be disposed into municipal drain.
- viii. About 2.96 TPD solid wastes will be generated in the project. The biodegradable waste 1.74 TPD will be processed in OWC and the Non-Biodegradable waste generated 1.22 TPD will be handed over to authorized local vendor.
- ix. The total power requirement during construction phase is 100KVA and will be met from TATA/DG and total power requirement during operation phase is 8428 MW and will be met from TATA
- x. Rooftop rainwater of buildings will be collected in 3 RWH tanks of total 330 KLD capacity for harvesting after filtration
- xi. Parking facility for 694 four wheelers is proposed to be provided against the requirement of 622.
- xii. Proposed energy saving measures would save around 22% of power.
- xiii. Project is not located within 10 Km of Eco Sensitive areas.
- xiv. There is no court case pending against the project

3.26.2. The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.27. Proposed Redevelopment of Mandlik Nagar Co-Operative Housing Society” on plot bearing CTS No. 29,30,31,32, 32/1 to 4 of village Chinchovali, Malad West, Mumbai by M/s. Triumph Builders Pvt Ltd. - Environmental Clearance [F.No.21-135/2014-IA.III]**

3.27.1 The proponent made a presentation and informed that:

- i. The project is located at Geographical coordinates of the proposed site is Latitude: 19° 10' 37.89" N; Longitude: 72° 50' 40.97" E.
- ii. The total plot area is 7327.20sq.m. The project will comprise of Rehabilitation ( Building no. 1 ) (6 wings) and two Sale buildings with 6 wings of : Stilt + upper 7 floors and another with 5 wings of : Stilt + upper 18 floors for wing no. L,K, J, H & G, Reservation for Welfare centre in sale building FSI area is 18130.83 sqm and total construction area of 4472.20sqm.
- iii. During operational phase, total water demand of the project is expected to be 208 KLD and the same will be met by the Local Authority/Recycled Water. Wastewater generated (178 KLD) will be treated in two STPs of total 200 KLD capacity. 73 KLD of treated wastewater will be recycled ( 66 for flushing, 7 for gardening).
- iv. About 0.709 TPD solid waste will be generated in the project. The biodegradable waste (0.51 TPD) will be processed in OWC and the non-biodegradable waste generated (0.198 TPD) will be handed over to authorized local vendor.
- v. The total power requirement during construction phase is 6988 KVA and will be met from BEST.
- vi. Parking facility for 198 four wheelers for sale building and 123 for rehabilitation building is proposed to be provided against the requirement of 198 and 123 respectively (according to local norms).
- vii. Proposed energy saving measures would save about 20 % of power.
- viii. It located within 10 km of any Sanjay Gandhi National Park ( 6.36 km)
- ix. 80 trees to be cut permission, compensatory 160 to be planted
- x. There is no/court case pending against the project.

3.27.2. The EAC noted that the vertical puzzle parking facility is proposed hence suggested that suitable arrangement may be put in place so as to minimize the retrieval time for the vehicles.

3.27.3. The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. PP shall comply with all the earlier conditions of Environmental Clearance.
- ii. PP shall submit the information in accordance with the OM dated 20.08.2014 for obtaining clearance under Wild Life (Protection) Act, 1972.
- iii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- iv. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- v. Solid waste shall be collected, treated and disposed according to rules.
- vi. PP shall comply with the conditions of NOC/Clearance obtained from Fire Department.
- vii. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- viii. Parking facility with 6 m clear driveway shall be provided as committed.
- ix. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- x. 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.
- xi. The PP shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.28. Proposed “Krish Seasons” (Group Housing) at Khasra no. 359, 360, 361, 499/451 at Village: Bureda, Tehsil: Tijara, Distt: Alwar, Rajasthan by M/s Crystal Buildtech Pvt. Ltd - Environmental Clearance [F.No.21-136/2014-IA.III]**

3.28.1 The proponent made a presentation and informed that:

- i. The proposal involves construction of “Krish seasons” (Group Housing) at Khasra no. 359, 360, 361, 499/451 at Village Bureda, Tehsil Tijara, Distt. Alwar, Rajasthan.
- ii. The total plot area is 73320.13 Sqm (18.1 Acres), Net plot area is 69531.77 Sqm (17.1 Acres) and total built up area is 105380.393 Sqm.
- iii. The project comprises 971 nos. of dwelling units, G+12, 8 nos of tower/block. The maximum height of the building is 46 m.
- iv. The water requirement is 982 KLD and will be sourced by tube well. The fresh water requirement is 657 KLD and treated water is 325 KLD. The treated water will be used for flushing (282 KLD), HVAC & DG cooling (7 KLD), Gardening (27

KLD) and Misc. (9 KLD). The total waste water generation is 815 KLD. The facility of STP having capacity of 1070 KLD is proposed. About 449 KLD excess treated water will be disposed in to Sewer line. The total municipal solid waste generation is 3311 kg/day.

- v. The total power requirement is 3480.25 KW. Two D.G. set capacity of 750 kVA is proposed to set up.
- vi. 11 nos. of rain water harvesting pits of dia 4.0 m & depth 3.5 m for recharging the ground water are proposed.
- vii. Parking facility is proposed to be provided for 920 ECS (690 ECU for four wheelers and 230 ECU for two wheelers).
- viii. Solar light and water heater will be provided.
- ix. It is proposed to provide energy saving measures would save about 10-12 % of power.
- x. The total cost of the project is Rs. 101.86 crore.
- xi. The project is not located within the 10 km of Eco Sensitive Zone.
- xii. There is no court case pending against the project.

3.28.2 The EAC after deliberation sought the following:

- i. Permission/ assurance for water supply.
- ii. Parking proposed is inadequate, Revisit the parking requirement and submit the details. The parking shall be considered for the proposed commercial shops also.
- iii. Energy conservation measures is proposed to achieve 12 % only, PP shall enhance the energy conservation measures to achieve at least 20 % and submit.

**3.29. Proposed Residential Development with Public parking at C.S. No. 2A/116 & 4/116 of Salt Pan Division & 4/356 of Matunga Division, Vidyalankar College Road, Antop Hill, Wadala (E), Mumbai by M/s Dosti Realty Ltd - Environmental Clearance [F.No.21-139/2014-IA.III]**

3.29.1 The proponent made a presentation and informed that:

- i. The project is located at 19° 01'21.24"N, Latitude and 72°52'01.29"E Longitude
- ii. This is a new project wherein no redevelopment component has been involved.
- iii. The total plot area is 18,667.08 sq. m. The project will comprise of one building with three wings. FSI area is 59196.90 sq. m. and total construction area of 1,80,106.64 sq. m. Total 538 flats will be developed, along with MCGM parking provision. Maximum height of the building is 144.80 mt.
- iv. During construction phase, total water requirement is expected to be 12 KLD for workers and 20-30 KLD for construction activity which will be met by M.C.G.M. and tanker respectively. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- v. During operational phase, total water demand of the project is expected to be 439 KLD and the same will be met by the 172 KLD recycled water, 267 KLD fresh water from M.C.G.M. and 23 KLD from tanker water of potable quality. Wastewater generated (321 KLD) will be treated in STP of 380 KL capacity. 172 KLD of treated wastewater will be recycled (126 KLD for flushing and 46 KLD for gardening). About 117 KLD will be disposed in to municipal drain.

- vi. About 1.21 TPD solid waste will be generated in the project. The total biodegradable waste (0.85 TPD) will be processed in OWC and total non-biodegradable waste generated (0.36 TPD) will be handed over to M.C.G.M.
- vii. The total power requirement during construction phase is 100 KVA and during operation phase is 16260 KW and will be met from Local Authority
- viii. Rooftop rainwater of buildings will be collected in One RWH tank of 112 KLD capacity for harvesting after filtration
- ix. Parking facility for 1052 four wheelers for residential ,661 for MCGM parking and Nil two wheelers is proposed to be provided against the requirement of 1044 four wheelers for residential , 658 for MCGM parking and Nil two wheelers respectively.(according to local norms)
- x. Proposed energy saving measures would save about 21.78 % of power
- xi. It is not located within 10 km of Eco Sensitive areas
- xii. There is no court case pending against the project

**3.29.2.** The EAC after deliberation **recommended for granting ToR** with the following specific ToRs:

- i. Examine details of land use according to Master Plan and 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.
- ii. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
- iii. Examine baseline environmental quality along with projected incremental load due to the project.
- iv. 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.
- v. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area.
- vi. Submit the details of the trees to be felled for the project.
- vii. Submit the details of the infrastructure to be developed.
- viii. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
- ix. Submit Legal frame work for the implementation of Environmental Clearance conditions - to be clearly spelt out in the EIA report.
- x. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
- xi. Ground water classification according the Central Ground Water Authority.
- xii. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
- xiii. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
- xiv. Examine soil characteristics and depth of ground water table for rainwater harvesting.
- xv. Examine details of solid waste generation treatment and its disposal.
- xvi. Since building construction activities are also included in the various project activities, the water requirement, sewage disposal and treatment, electrical

- load, energy conservation measures etc. should also be included in the EIA report.
- xvii. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption.
  - xviii. 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. Examine and submit details.
  - xix. 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.
  - xx. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
  - xxi. Examine the details of transport of materials for construction which should include source and availability.
  - xxii. Examine the details of National Highways/State Highways/ expressways falling along the corridor and the impact of the development on them.
  - xxiii. Examine noise levels - present and future with noise abatement measures.
  - xxiv. Identify, predict and assess the environmental and sociological impacts on account of the project.
  - xxv. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
  - xxvi. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.

### **3.30 Proposed “Ashar Sparkle Residential Project” at Plot Bearing Survey No. 32 H.No.2G & Sr. No 32 H.No 1/6 at Chitalsar Manpada, Thane, Maharashtra by M/s. Ashar Ventures - Environmental Clearance [F.No.21-140/2014-IA.III]**

3.30.1 The proponent made a presentation and informed that:

- i. The proposal involves construction of “Ashar Sparkle Residential Project” at plot bearing Survey No. 32 H.No.2G & Sr. No 32 H.No 1/6 located at 19°13' 20.84 N and 72°58' 43.24 E at Chitalsar Manpada, Thane, Maharashtra.
- ii. The total plot area is 6555.70 sqm. The FSI area for this project is 19655.68 sqm. and non FSI area is 12362.86 sqm. The total built up area for this project is 32018.54 sqm. Total RG area for this project is 1162.24 sqm.
- iii. The project comprises of a residential tower with two wings (i) Affordable Housing Component & (ii) Sales Housing Component, which having four flats in each floor and has commercial Shops at the ground floor. Affordable Housing Component designed a Ground + 12 floors structure which rises up to 39.0 meters. Sales Housing Component designed a Basement + Ground + 28 upper floors which rise up to 89.40 meters.
- iv. The water requirement is 83 KLD for Affordable Housing Component and 140 KLD for Sales Housing Component which will be met through Tanker/ Thane Municipal Corporation. Recycled water/ wastewater generated of 201 KLD will be treated in 2 STPs of total 75 KLD capacity&126 KLD capacity. 182 KLD of

- treated wastewater will be recycled (76 KLD for flushing, 3.5 KLD for gardening). About 106 KLD will be disposed in to municipal drain.
- v. About 723.25 kg/day solid waste will be generated in the project. The biodegradable waste (433.95 kg/day) will be processed in OWP and the non-biodegradable waste generated (289.30 kg/day) will be handed over to authorized local vendor.
  - vi. The power requirement is 1562 KVA for Affordable Housing Component and 7134 KVA for Sales Housing Component which will be met through MSEDCL.
  - vii. Rooftop rainwater of buildings will be collected in 2 RWH tanks of total 69 m<sup>3</sup>capacity for harvesting after filtration.
  - viii. Parking facility for 378 nos. of four wheelers and 360 nos. of two wheelers is proposed to be provided against the requirement of 360 and 342 respectively (according to local norms).
  - ix. It is proposed to provide energy saving measures would save about 29 % of power.
  - x. The total cost of the project is Rs.90 crore.
  - xi. The project is located within the 10 km of Eco Sensitive Zone.

3.30.2. The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. PP shall submit the information in accordance with the OM dated 20.08.2014 for obtaining clearance under Wild Life (Protection) Act, 1972.
- ii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- iii. The treated wastewater shall be recycled and reused for flushing of toilets, horticulture to reduce the demand of fresh water as committed.
- iv. Solid waste shall be collected, treated and disposed according to rules.
- v. PP shall comply with the conditions of NOC/Clearance obtained from Fire Department.
- vi. The Operation and Maintenance of STP shall be made in the MoU with supplier. PP shall ensure the operation and maintenance of the STP.
- vii. Parking facility with 6 m clear driveway shall be provided as committed.
- viii. All the construction shall be in accordance with the local building byelaws. PP shall obtain all necessary clearances.
- 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.31 Proposed Mixed Use Development at Survey No 88/4, 89, 90/1, 90/2-4, 90/2-5, 90/4, 101/1-2, 101/2, 101/3 of Village - Diaghar, Post- Padle, Taluka & Dist Thane by M/s Glory Township LLP - Environmental Clearance [F.No.21-141/2014-IA.III]**

3.31.1 The proponent made a presentation and informed that:

- i. The project is located at 19°08'47.01"N Latitude and 73°03'06.22"E Longitude
- ii. The project is a proposed mixed use development wherein no redevelopment component has been involved.
- iii. The total plot area is 27348.01 sqm. The project will comprise of 9 nos. of Buildings. FSI area is 35909.7 sqm. and total construction area of 72812.97 sqm. Total 656 nos. of flats, 36 nos. of shops and offices area shall be developed. Maximum height of the building is 59.90 mt.
- iv. During construction phase, total water requirement is expected to be 12 KLD for workers & 11 -20 KLD for construction which will be met by Thane Municipal Corporation (T.M.C.)/Tanker water. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- v. During operational phase, total water demand of the project is expected to be 489 KLD and the same will be met 188 KLD by Recycled Water, 300 KLD by T.M.C. and 1 KLD from tanker water of potable quality. Wastewater generated (394 KLD) uses will be treated in one STP of 1 430 KLD capacity. 188 KLD of treated wastewater will be recycled (154 KLD for flushing, 34 KLD for gardening). About 167 KLD will be disposed in to municipal drain.
- vi. About 1.5 TPD solid wastes will be generated in the project. The biodegradable waste (1.0 TPD) will be processed in OWC and the non-biodegradable waste generated (0.466 TPD) will be handed over to T.M.C.
- vii. The total power requirement during construction phase is 150 KW and will be met by MSEDCL and total power requirement during operation phase is 10538KW and will be met by MSEDCL.
- viii. Rooftop rainwater of buildings will be collected in 4 nos. of RWH tanks of total 165 KLD capacities for harvesting after filtration.
- ix. Parking facility for 720 four wheelers and 775 two wheelers is proposed to be provided against the requirement of 709 four wheelers and 771 two wheelers respectively (according to local norms).
- x. Proposed energy saving measures would save about 24 % of power.
- xi. It is not located within 10 km of Eco Sensitive areas (Sanjay Gandhi National Park).
- xii. There is no court case pending against the project.

3.31.2 The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.32. Proposed Expansion Project at Plot bearing C.T.S. no. 168 of Village - Magathane, Taluka - Borivali East (M.S.D.), District - Mumbai, State - Maharashtra by M/s. Sea Princess Realty - Environmental Clearance [F.No.21-142/2014-IA.III]**

3.32.1 The proponent made a presentation and informed that:

- i. The project is located at 19° 12'52.71" N Latitude and 72° 52'16.12" E Longitude
- ii. The project is an Expansion project. This project has received prior Environment Clearance (EC) (EC Letter 21 - 472/2006- IA - III dated 29.03.2007. Total Constructed Area till date on site: 23,000 Sqm.
- iii. The total plot area is 34,850.60 sqm. The project will comprise of 4 residential buildings and 3 School buildings and 1 commercial building. FSI area is 53,944.36 sqm. and total construction area of 76,494.36 sq. mt. Total 420 Nos. of flats, Shop, Offices, Club House & Classrooms shall be developed. Maximum height of the building is 69.30 mt.(Up to terraces level)
- iv. During construction phase, total water requirement is expected to be 18 KLD for workers and 20 -30 KLD for construction purposes which will be met by M.C.G.M. and water tankers respectively. Waste water will be disposed in to the existing municipal sewer line. Temporary sanitary toilets will be provided for construction labour.
- v. During operational phase, total water demand of the project is expected to be 547 KLD and the same will be met 253 KLD by Recycled Water and 294 KLD by the M.C.G.M. Wastewater generated (462 KLD) will be treated in 4 STPs of 15KL, 75 KL, 125 KL and 300 KL capacity. 253 KLD of treated wastewater will be recycled (227 KLD for flushing, 26 KLD for gardening). About 165 KLD will be disposed in to municipal drain.
- vi. About 1.47 TPD solid wastes will be generated in the project. The biodegradable waste (0.76 TPD) will be processed in OWC and the non-biodegradable waste generated (0.71 TPD) will be handed over to M.C.G.M.
- vii. The total power requirement during construction phase is 100 KW and will be met from Reliance Power (BSES) and total power requirement during co operation phase is 10506 kVA and will be met from Reliance Power (BSES).
- viii. Rooftop rainwater of buildings will be collected in 5 RWH tanks of total capacity 118 KLD capacity for harvesting after filtration.

- ix. Parking facility for 579 four wheelers is proposed to be provided against the requirement of 551 (according to local norms).
- x. Proposed energy saving measures would save about 20 % of power.
- xi. It is located within 10 km of Eco Sensitive areas
- xii. There is no court case pending against the project

3.32.2 The EAC noted that the proposal involves increasing dwelling units and reduction of area for School which appears to be contradiction. **EAC therefore suggested to seek clarification from BM** on this aspect.

**3.33. Proposed “University of Engineering & Management” at Khasra Nos. 882, 883/1, 883/2, 890/2, 892/1, 892/2,893, 894, 895, 897, 976, 977, 978, 979, 981, 982, 987, 988, 992, 1058, 1061, 1064, 1066, 983/2393, 986/2394, 1065/2395, 993, Village Udaipuria, Jaipur, Rajasthan by M/s Institute of Engineering & Management Trust - Environmental Clearance [F.No.21-143/2014-IA.III]**

3.33.1 The EAC noted that according to S.O No.3252 (E) dated 22.12.2014, educational institutions are not covered under EIA Notification, 2006 hence prior EC is not required.

**3.34. Proposed Redevelopment of Existing building “RNA CONTINENTAL” at Bldg no. 20, 21, 25, 26, 27, 24, temple , OB -1 along with PG 2,Subhas Nagar, Chembur (E), Mumbai by M/s G.A. Builders Pvt. Ltd - Environmental Clearance [F.No.21-144/2014-IA.III]**

3.34.1 The EAC noted that the documentation is incomplete, therefore suggested the Project Proponent to **submit Proper complete document**.

**3.35 Proposed Redevelopment of Residential Building with MCGM parking at Plot Bearing C.T.S. No. 1393 of Village Mulund (W) by M/s. Super Construction Company - Environmental Clearance [F.No.21-146/2014-IA.III]**

3.35.1 The proponent made a presentation and informed that:

- i. The project is located at 19°10'05.63" N Latitude and 72°57'08.23"E Longitude.
- ii. The proposed project is redevelopment of Residential buildings with MCGM parking lot on plot bearing C.T.S. No. 1393 of Village Mulund (W), Mumbai.
- iii. The total plot area is 3349 m<sup>2</sup>. The project will comprise of one Building. FSI area is 10,057.92 m<sup>2</sup> and total construction area of 34,022.39m<sup>2</sup>. Total 117 flats & 10 shops with MCGM parking lot will be developed. Maximum height of the building is 139.25m.
- iv. During construction phase, total water requirement is expected to be 50 KLD which will be met by tanker water. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour
- v. About 303 kg/d solid waste will be generated in the project. The biodegradable waste (121 kg/d) will be processed in mechanical composting (Ecobiocompack)

and the non-biodegradable waste generated (182 kg/d) will be handed over to authorized local vendor.

- vi. During operational phase, total water demand of the project is expected to be 81 KLD and same will be met by fresh water from MBMC and recycled water. Wastewater generated (75 KLD) uses will be treated in STP of 80 KLD capacity. 33 KLD of treated wastewater will be recycled (27 KLD for flushing, 6 KLD for gardening). About 40 KLD will be disposed in to municipal drain.
- vii. The total power requirement during construction phase is 150 kVA and will be met from MSEDCL and total power requirement during cooperation phase is 2.9 MW and will be met from MSEDCL.
- viii. Rooftop rainwater of building will be collected in RWH tank of total 35 KLD capacity for harvesting after filtration.
- ix. Parking facility for 92 four wheelers for MCGM parking lot will be provided. Parking facility for 195 for residents parking and 74 two wheelers is proposed to be provided against the requirement of 127 and 59 respectively
- x. Proposed energy saving measures would save about 23.97% of power.
- xi. It is located within 10 km of Sanjay Gandhi National Park Eco Sensitive areas.
- xii. There is no court case pending against the project.

3.35.2 The EAC after deliberation sought the following:

- i. The set back PP is shown outside the plot, PP shall clarify,
- ii. The parking requirement for visitors have not been taken in to account. PP shall revise the parking requirement including 25 % for visitor parking

**3.36 Proposed Redevelopment of property on plot bearing CTS No. 8, Borla village, N G Acharya Marg, Chembur, Mumbai, Maharashtra by M/s Shree Saraswati CHS Ltd. - Environmental Clearance [F.No.21-147/2014-IA.III]**

The Committee **decided to defer** the consideration of project, since the Project Proponent did not attend the meeting.

**3.37. Proposed Residential Building Pashmina Lotus at Plot bearing CTS no 11H/A(pt), 11C(pt), 11B/11,11B/11/28 to 11B/11/93, Village Chandivali, powai, Mumbai by M/s Pashmina Realty Pvt. Ltd. - Environmental Clearance [F.No.21-148/2014-IA.III]**

**3.37.1** The EAC noted that construction, pathway etc are proposed on the land under encroachments and PP claims that the land belong to them. EAC suggested the PP to submit the ownership document along with details on land area on which they can built. PP shall also submit assurance for water supply

**3.38 Proposed Residential Building 'Skylark Realtors Pvt Ltd.' At Plot bearing CTS no 24/1 PT,2, Village: Ghodbunder, Dist. Thane, Maharashtra by M/s Skylark Realtors Pvt Ltd. - Environmental Clearance [F.No.21-149/2014-IA.III]**

**3.38.1** The proponent made a presentation and informed that:

- i. The proposal involves construction of residential building at 19°16' 55.34 N and 72°53' 13.62 E on plot bearing CTS No. 24/1 PT, 2, Village: Ghodbunder, Dist. Thane, Maharashtra.
- ii. The total plot area is 19,425 sqm. FSI area is 28194.89 sqm and total construction area is 55,659.39 sqm. The project comprises of six residential buildings and one hall building. Total 612 flats will be developed. The maximum height of the building is 52 m.
- iii. During construction phase, the total water requirement is expected to be 85 KLD which will be met by tanker water. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- iv. During operational phase, the total water requirement is expected to be 417 KLD and same will be met by fresh water from MBMC and recycled water. The wastewater generated is 389 KLD will be treated in STP of 400 KLD capacity. 164 KLD of treated waste water will be recycled and reuse for flushing (140 KLD) and gardening (24 KLD). About 221 KLD will be disposed in to municipal drain.
- v. About 1546 kg/d solid waste will be generated in the project. The biodegradable waste (927.6 kg/day) will be processed in mechanical composting (Ecobiocompack) and the non-biodegradable waste generated (618.4 kg/day) will be handed over to authorized local vendor.
- vi. The total power requirement during construction phase is 315 kVA and will be met from Reliance and total power requirement during operational phase is 2920 KW and will be met from Reliance.
- vii. Rooftop rainwater of buildings will be collected in RWH tank of total 127 KLD capacity for harvesting after filtration.
- viii. Parking facility for 298 nos. of four wheelers and 413 nos. of two wheelers is proposed to be provided against the requirement of 249 and 44 respectively (according to local norms).
- ix. It is proposed to provide energy saving measures would save about 21.38 % of power.
- x. The total cost of the project is Rs.150 crore.
- xi. The project is located within the 10 km of Sanjay Gandhi National Park.
- xii. There is no court case pending against the project.

**3.38.2 The EAC after deliberation recommended for grant of Environmental Clearance with the following specific conditions:**

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.39. Residential & Commercial “Byculla Market” at Sant Gadage Maharaj Mandai, plot bearing C.S No 388 of Mazgaon Division, Dr.Babasaheb Ambedkar Road, Byculla (E), Mumbai by M/s Purabi Developers Pvt. Ltd - Environmental Clearance [F.No.21-150/2014-IA.III]**

**3.39.1.** The EAC after deliberation suggested to PP to **submit details of parking.**

**3.40. Proposed Residential Project at CTS No. 167/C of village Magathane, Borivali-East Mumbai, Maharashtra M/s. Sheth Developers Pvt. Ltd - Environmental Clearance [F.No.21-151/2014-IA.III]**

**3.40.1** The Committee **decided to defer** the consideration of project, since the Project Proponent did not attend the meeting.

**3.41. Proposed construction of the Bhagwati Co-operative Group Housing Society at Plot No.-1 A, Sec-22, Dwarka, Delhi by M/s Bhagwati Co-operative Group Housing Society Limited- Environmental Clearance [F.No.21-152/2014-IA.III]**

**3.41.** The proponent made a presentation and informed that:

- i. The project is located at 28°33'22.36"N Latitude and 77°3'31.69"E Longitude.
- ii. The total plot area is 17,001.00 sq.m. The project will comprise of residential Buildings. FSI area is 33,846.37sq.mand total construction area of 62,148.56 sqm. Total 405 flats shall be developed. Maximum height of the building is 49.58 m.
- iii. During construction phase, total water requirement is expected to be 311 ML which will be met by DDA. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided for construction labour.
- iv. During operational phase, total water demand of the project is expected to be 219KLD and the same will be met by the DDA. Wastewater generated (157KLD) uses will be treated in CSTPs.
- v. About 0.939 TPD solid waste will be generated in the project. The biodegradable waste (0.563TPD) will be processed in OWC and the non-biodegradable waste generated (0.282 TPD) will be handed over to authorized local vendor.

- vi. The total power requirement during construction phase is as per the requirement and will be met from BSES and total power requirement during operation phase is 4256.25 KVA and will be met from BSES.
- vii. Rooftop rainwater of buildings will be collected in 4 RWH pits of total 338.05KLD capacity for harvesting after filtration.
- viii. Parking facility 733 ECS for four wheelers and two wheelers is proposed to be provided against the requirement of 706 ECS (according to local norms).
- ix. Proposed energy saving measures would save about 21.13% of power.
- x. It is not located within 10 km of Eco Sensitive areas
- xi. There is no court case pending against the project.

**3.41.1** The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.

**3.42. Proposed construction of “One Park Avenue” Proposed Residential Project at Plot bearing S.No.99/2, S.No.114/4,& S.No.115/2 at Ghodbunder Road, Village Kolshet, Taluka & District-Thane by M/s Man Global Ltd - Environmental Clearance [F.No.21-154/2014-IA.III]**

**3.42.1** The Committee **decided to defer** the consideration of project, since the Project Proponent did not attend the meeting.

**3.43. Proposed clubbing of S. R. Schemes Panchsheel SRA CHS Ltd. &Ekta SRA CHS Ltd. on plot bearing CTS No. 343 (pt) of village Chembur, at LalDongar, Chembur, Mumbai by M/s. Jai Bhagawati Developers & Builders Joint venture with M/s. R. K. Madhani & Co. - Environmental Clearance [F.No.21-155/2014-IA.III]**

**3.43.1.** The EAC noted that part of the building constructed in accordance with the Circular of State Government based on the Order of Hon'ble High Court of Bombay. 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.

**3.44. Expansion of Sri Venkateswara College” at Benito Jaurez Marg, DhaulaKuan, New Delhi by M/s Sri Venkateswara College - Environmental Clearance [F.No.21-156/2014-IA.III]**

**3.44.1** The EAC noted that the Gazette Notification S.O No.3252(E) dated 22.12.2014 exempts the educational institutions from obtaining EC under the EIA Notification, 2006 hence prior EC is not required.

**3.45. Proposed Housing Project at Survey Nos. 51/1, 52/1, Kottooli Village, Kozhikode Municipal Corporation, Taluk & District Kozhikode, Kerala by Mr. Puthiya Srankinakath Assan Koya - Environmental Clearance [F.No.21-157/2014-IA.III]**

**3.45.1** The proponent made a presentation and informed that:

- i. The project is located at 11° 16'12.25" to 11° 16'07.86" N Latitude and 75° 47'58.83" to 75° 47'58.83" E Longitude.
- ii. The project is a new Building Construction Project according Schedule 8(a) of EIA Notification. No construction work at site.
- iv. The total plot area is 5,035.28 sq. m. The project will comprise of One Residential Block with 148 Residential Units Buildings. FSI area is 17,768.71 sq. m. and total construction area of 21,719.59 sq. m. Total 148 flats will be developed. Maximum height of the building is 44.70 m.
- v. During construction phase, total water requirement is expected to be 22 KLD which will be met by Kerala Water Authority supply, Open well existing at site & Stored rain water. During the construction phase, portable toilets with mobile STP for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- vi. During operational phase, total water demand of the project is expected to be 103.23 KLD and the same will be met by the 35.52 Recycled Water. Wastewater generated (82.58 KLD) will be treated in STP of total 100 KLD capacity. 74.32 KLD of treated wastewater will be recycled (35.52 KLD for flushing & 1.82 KLD for gardening). About 36.98 KLD will be disposed in to municipal drain.
- vii. About 0.296 TPD solid waste will be generated in the project. The biodegradable waste (177.60 Kg / Day [60 %] ) will be processed BARC Model Bio Gas Generation Plant and the non-biodegradable waste generated ( 118.40 Kg / Day [40% ] ) will be handed over to authorized local vendor.
- viii. The total power requirement during construction phase is 40 kVA and will be met from Kerala State Electricity Board & 62.50 KVA D.G. Set and total power requirement during operation phase is 800 KVA and will be met from Kerala State Electricity Board & D.G. Sets ( 125 KVA X 1 + 100 KVA X 1 Nos.)

- ix. Rooftop rainwater of buildings will be collected in RCC RWH tanks of total 6,000 KLD capacity for harvesting after filtration.
- x. Parking facility for 140 ECS and 44 two wheelers (= 11 ECS) is proposed to be provided against the requirement of 148 ECS respectively (according to local norms).
- xi. Proposed energy saving measures would save about 25 % of power.
- xiii. There are some mangroves located at 500 m away from the project site.

3.45.2 There was court case against the project. The Judgments of the Court Cases (Judgment in W.P. (C) 5542/2014 (P) dt. 26-02-2014 & Judgment in WP (C) No. : 4701 of 2014 dt. 26-02-2014) and W.A. No. 497 of 2014 dt. 26-03-2014 was submitted to the Ministry. The case was against the commencement of pile foundation and court has directed to stop the work and obtain EC. Accordingly, the work was stopped.

3.45.3 The EAC after deliberation **recommended for grant of Environmental Clearance** with the following specific conditions:

- i. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the PP. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- 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 shall be collected, treated and disposed according to 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 clear 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, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.
- x. Ministry to examine requirement of further action if any in view of the judgment against the project.

**3.49 CRZ Clearance for mining of beach and minerals including mechanized dredge mining at KMML lease block no. III covering an area of 88.119 ha in Kollam District by M/s The Kerala Minerals and Metals Ltd. [F. No. 11-38/2013- IA.III]**

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**3.50. CRZ Clearance for mining of beach and minerals including mechanized dredge mining at KMML lease block no. VII covering an area of 52.499 ha in**

**Karunagappally, Kollam District by M/s The Kerala Minerals and Metals Ltd. [F. No. 11-39/ 2013- IA.III]**

**&**

**3.51 CRZ Clearance for mining of Heavy Sand Minerals by mechanized dredge mining at KMML lease Block-V in Kollam District, Kerala by M/s The Kerala Minerals and Metals Ltd. [F. No. 11-07/ 2014- IA.III]**

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**3.52 CRZ Clearance for mining of Heavy Sand Minerals by mechanized dredge mining at KMML lease Block-I in Karunagappally taluk Kollam District, Kerala by M/s The Kerala Minerals and Metals Ltd. [F. No. 11-06/ 2014- IA.III]**

**3.52.1** The Committee **decided to defer** the consideration of the above projects, since the Project Proponent did not attend the meeting.

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**Minutes of the 142<sup>nd</sup> of Expert Appraisal Committee for Projects related to Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects held from 22<sup>nd</sup> to 24<sup>th</sup> December, 2014 at Conference Hall (Indus), Indira Paryavaran Bhawan, JorBagh, New Delhi -110003.**

**List of Participants**

**Expert Committee**

- |                             |                             |
|-----------------------------|-----------------------------|
| 1. Shri Anil Razdan         | Chairman                    |
| 2. Shri R. Radhakrishnan    | Member                      |
| 3. Dr. M.V. Ramana Murthy   | Member                      |
| 4. Dr. R. Prabhakaran       | Member                      |
| 5. Dr. Anuradha Shukla      | Member                      |
| 6. Shri Y.B. Kaushik,       | Member                      |
| 7. Shri S.K. Sinha          | Member                      |
| 8. Dr. Manoranjan Hota      | Director & Member Secretary |
| 9. Shri E. Thirunavukkarasu | Joint Director, MoEF&CC     |
| 10. Shri Yogendra Pal Singh | Joint Director, MoEF&CC     |

**List of proponents**

M/s. Adani Hazira Port, Hazira  
M/s Dhamra Port Company Ltd.  
M/s Shimla Airport, Shimla  
M/s RIICO  
M/s Saidura Envirotech Pvt. Ltd  
M/s Puranik Builders Pvt. Ltd  
M/s Ishwer Realty and Technologies Pvt. Ltd  
M/s Mahanagar Gas Ltd  
M/s Hubtown Ltd  
M/s Puranik Builders Pvt. Ltd  
M/s Nahalchand Laloochand Pvt. Ltd.  
M/s Chhaganlal Khimji & Co. Ltd  
M/s. Godrej Properties Ltd  
M/s. Bombay Dyeing & Mfd. Co. Ltd  
M/s Konark Life Space  
M/s East & West Builders  
M/s DSIIDC  
M/s East & West Builders  
M/s Hoary Realty Ltd  
M/s Insun Infrastructure and Developers Pvt. Ltd.  
M/s Ashiana Housing Ltd  
M/s Akruti Jay Chandan JV  
M/s. Triumph Builders Pvt Ltd  
M/s Crystal Buildtech Pvt. Ltd  
M/s Dosti Realty Ltd  
M/s. Ashar Ventures  
M/s Glory Township LLP  
M/s G.A. Builders Pvt. Ltd  
M/s. Super Construction Company  
M/s Pashmina Realty Pvt. Ltd  
M/s Skylark Realtors Pvt Ltd.  
M/s Purabi Developers Pvt. Ltd  
M/s Bhagwati Co-operative Group Housing Society Limited  
M/s. R. K. Madhani & Co.  
Mr. Puthiya Srankinakath Assan Koya

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