

Minutes for 11th meeting of Expert Appraisal Committee (Infra-2) for Projects related to All ship breaking yard including ship breaking unit, Airport, Common Hazardous Waste Treatment, Storage and Disposal Facilities, Ports and Harbours, Aerial Ropeways, CETPs, Common Municipal Solid Waste Management Facility, Building/Construction Project, Townships and Area Development projects held on 24-25th November, 2016

11.1. Confirmation of Minutes of 10th EAC Meeting for Infra-2 held on 24th-25th October, 2016.

The minutes of the 10th Expert Appraisal Committee (Infrastructure- 2) meeting held during 24th-25th October, 2016 were confirmed with the following corrections.

11.1.1 Passenger Ropeway between Dharamshala to Mc Ledoganj, Kangra, Himachal Pradesh by M/s Dharmshala Ropeway Ltd– Environmental Clearance – [F.No.10-10/2016-IA-III]

S.N.	Description/ Point no.	As mentioned in minutes dated 24th-25th October, 2016	May be read as
1	Point No: 20, Stand by DG at Upper Terminal Station	50 KVA	125 KVA
2	Public Hearing Conducted on	20 th March 2016	20 th August 2016
3	Condition No: 8 regarding parking	Adequate parking shall be constructed at upper terminal and lower terminal. PP shall ensure smooth traffic management and minimum waiting time.	Adequate parking shall be constructed at lower terminal (LTP). PP shall ensure smooth traffic management and minimum waiting time. At UTP, there is an existing car parking of capacity 100 vehicles by Municipal Corporation Dharamshala.

11.1.2 “Matheran Passenger Ropeway at Village-Bhutivali, Tehsil: Karjat, District- Raigad, Maharashtra by M/s Matheran Ropeway Private Limited (MRPL)”

As per the minutes of 10th Expert Appraisal Committee (Infrastructure- 2) meeting held during 24th-25th October, 2016, Ministry has examined the project proposal and found that the validity of existing EC has expired. Therefore, Ministry has accepted the recommendation of EAC in its meeting dated 21st -22nd September, 2016 and issued TOR letter to M/s Matheran Ropeway Private Limited for preparation of EIA report alongwith public hearing on 29.11.2016.

11.2.1	<p>Development of Green Field Airport at Kothagudem Mandal in Khammam district, Telangana by M/s – Finalization of ToR – [F.No.21-24/2016-IA-III]</p> <p>PP wants to withdraw their application as they have not incorporated the information regarding wildlife sanctuary. PP will submit revised application.</p>
11.2.2	<p>Integrated Municipal Waste Management Project at Ratakhandi, Brajrajnagar, Orissa by Brajrajnagar Municipality – Finalization of ToR – [F.No.21-25/2016-IA-III]</p> <p>The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to common municipal solid waste management facility are listed at 7(i) of schedule of EIA Notification, 2006 covered under category 'B' and appraised at state level. However, applicability of general condition i.e. located within Jharsuguda IB Valley CPA, proposal is treated as category 'A' project.</p> <p>Brajrajnagar Municipality has proposed for setting up of an Integrated Municipal Waste Management Project at Ratakhandi, Brajrajnagar, Orissa. It is proposed that both studied ULB (Brajrajnagar and Belpahar) will have their own processing system and one common sanitary landfill (capacity- 25.80 TPD at Belpahar) will be developed and constructed. The Brajrajnagar ULB will setup their compost processing plant at Ratakhandi, Brajrajnagar while SLF facility at Belpahar shall be utilized for inert and disposal. Total plot area is 10 acres of which, area earmarked for greenbelt is 1.72 acres. Cost of project is Rs. 667.21 Crore.</p> <p>It is reported that forests namely Reserve Forest:- Khait -1.4 Km, E Rampur-1.8 Km, ESE Patrapai -4.9 Km, SE Open missed jungle (Bhalupali)- 13.7 Km, SSW Arhaparha -12.8 Km, SW Telenpli -12.3 Km, SW Open Mixed jungle-11, WSW Khandisa -14.2 Km,WSWBikramakhol -14 Km, W Bandbahal (P.F)-14.8 Km, WNW Thungorahar-13.8 Km, WNW Rajapur -7.6 Km,WNW Kechhobahal -14.2,Km,NW Katangbur-11.2 Km, N Tilamal -12.7 Km, N Bhormunda - 13.4 Km, NE Kurebaga -11 Km, E Kataikela -13.3 Km, E Ghichamura -14.4 Km, SE are situated within 15 km. Water bodies namely IB river- 0.9 Km, E Bhedan river-2.3 Km, E Lilari river-5.4 Km, SSW Hirakund reservoir-4.5 Km, S Basundha nala-9.4 Km, N Khairol jhor-8.7 Km, NNW Ghuadigha jhor-9.4 Km, N Bagmora nala-10.2 Km, NW Bichja nala-10.5 Km, NNW Bagat jhor-13.5 Km, NNE Kali jhor-12.5 Km, NE are located within 15 km distance.</p> <p>The proposed integrated MSW management project will include following components :</p> <ol style="list-style-type: none"> Direct collection of segregated waste (door to door collection) within Municipal limits of the ULBs. Storage & transportation of segregated MSW from secondary collection points of the ULBs to the MSW processing site of each ULB with the provision for segregation, processing and transportation of inert to disposal site. To develop temporary transfer stations (optional) at designated site of Brajrajnagar. Facilitate MSW processing facility i.e. controlled mechanical aerobic composting process (15.33MTPD).

	<p>After detailed deliberations on the proposal, the Committee <i>recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity</i> and the following TOR in addition to <i>Standard ToR</i> for preparation of EIA-EMP report:</p> <ol style="list-style-type: none"> i. Importance and benefits of the project. ii. A detailed comparison of sites based on the site selection criteria specified under the Solid Waste Management rules. iii. Distance of the project site from the flood plain of the river iv. Details of various waste management units with capacities for the proposed project. v. List of waste to be handled and their source along with mode of transportation. vi. Details of transportation of inert material from bio-composting yard to landfill site. vii. Copy of agreement to be furnished for accepting the inert waste by the landfill site. viii. Commitment that the proposal involves only processing through composting and the existing dump at the site would be removed and discontinued. ix. Details of air emission, effluents generation, solid waste generation and their management. x. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract) xi. Process description along with major equipments and machineries, process flow sheet (quantative) from waste material to disposal to be provided xii. Hazard identification and details of proposed safety systems. xiii. Layout maps of proposed solid waste management facilities indicating storage area, plant area, greenbelt area, utilities etc. xiv. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. xv. Safeguards to prevent pollution in river due to surface or ground water runoff of leachates. xvi. Details of effluent treatment and recycling process. xvii. Action plan for measures to be taken for excessive leachate generation during monsoon period. xviii. Detailed Environmental Monitoring Plan. xix. Report on health and hygiene to be maintained by the sanitation worker at the work place. xx. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made. xxi. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case. xxii. A tabular chart with index for point wise compliance of above TORs. <p>It was recommended that 'TOR' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure- 2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</p>
11.2.3	Development of New Major Port at Enayam in Tamilnadu by M/s V.O.Chidambaranar Port

Trust– Finalization of ToR – [F.No.21-26/2016-IA-III]

The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to Ports and Harbour i.e. ≥ 5 million TPA of cargo handling capacity (excluding fishing harbours) as well as capital dredging are listed at 7(e) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.

M/s V.O.Chidambaranar Port Trust has proposed for development of New Major Port at Enayam in Tamilnadu. PP informed that alternate site analysis was conducted. Enayam has been selected as best site location due to advantages of (i) stable coast line; (ii) availability of 20 m depth nearer to shore; (iii) Easy to construct and expand and (iv) low environmental & social impact issues & maintenance. It is reported that no fishing activity in the proposed project site. Fishing landing centres are located at SE side of the proposed project site. The entire port will be developed in the reclaimed land along the coastline(seaside) using the dredged materials. Reclamation shall be carried out using dredged material in the backup area for providing land side facilities as follows: (i) Phase I (2017-2020): 93 ha (ii) Phase II (2021-2025): 166 ha (iii) Phase III (2025-2030): 120 ha. Dredging will be carried out at berthing area, turning circle, & approach channel. Material generated from dredging will be used for reclamation for development of operational areas. The estimated dredging quantities are as follows: Phase 1- 10.12 million Cum; Phase 2- 15.90 million Cum; Phase 3- 18.34 million Cum. The proposed port construction involves offshore infrastructure namely Breakwater, Berths, container & multi-purpose cargo terminal. Phase-wise proposed development of capacities & capacity generation as given below:

Description	Phase-1 (2017-20)	Phase-2 (2021-25)	Phase-3 (2026-30)	Total (2017-2030)
Breakwater (m)	4639	2598	1667	8904
Dredging (Mn.Cum)	6.82	6.33	2.00	15.15
Reclamation (Mn Cum)	3.30	9.40	6.39	19.09
Reclamation Area (Ha)	93	156	130	379
Approach Channel	2100m long, 400m wide			
Container Berths (16m draft – 18000 TEUS)	800m	2000m	1200m	4000m
Capacity (MTEUs / MTPA)	1.60 / 24	4.02 / 60.3	2.41 / 36.15	-
Solid bulk (Coal) (1,20,000 DWT)	-	400m	400m	800m
Capacity (MTPA)	-	3.30	3.30	-

Berths (Overall)	800m	2400m	1600m	4800m
Capacity (Overall) (MTPA)	24	63.60	39.45	127.05
Project cost (Rs)	6,575.2	11,536.9	9,457.9	27,570

- i. New Six lane Road (9.50km) from NH 47 (Nagercoil- Trivandrum) has been proposed for the Enayam Port
- ii. New BG Railway link (11 km) connecting Enayam Port with the existing BG Track (Trivandrum – Kanyakumari) has been proposed from Palliyadi halt station.

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

- i. Importance and benefits of the project.
- ii. Submit a copy of layout superimposed on the HTL/LTL map demarcated by an authorized agency on 1:4000 scale.
- iii. Recommendation of the SCZMA.
- iv. Status of stage -1 forest clearance for the involvement of forest land if applicable.
- v. The EIA should address to all the three phases of the project
- vi. A justification may need to be provided on the reclamation area being more than the dredged area and the source and impact of additional reclamation material.
- vii. Since the project is linear, the study area should be fixed so as to include 15 Kms on all sides from the periphery.
- viii. Various Ports facilities with capacities for proposed project.
- ix. Type of Cargoes to be handled in the Enayam Port and Operational / Material handling details.
- x. Process flow sheet from Ships to outward transport
- xi. Layout plan of proposed Port.
- xii. Details of proposed Rail and Road corridor including mangroves, water bodies, agricultural land, plantations, residential etc
 - a. Land classification
 - b. Land title
 - c. Revenue Record (maps)
 - d. Land acquisition details
 - e. Rehabilitation & Resettlement details
 - f. Compensatory package for land oustees
- xiii. There is a major fishing port at Colachel. The impact and management plan on this and other fishing activity may specifically be drawn up with the EIA.
- xiv. A detailed analysis of the physico-chemical and biotic components in the highly turbid waters round the project site (as exhibited in the Google map shown

	<p>during the presentation), compare it with the physico- chemical and biotic components in the adjacent clearer (blue) waters both in terms of baseline and impact assessment and draw up a management plan.</p> <ul style="list-style-type: none"> xv. Details of air pollution control measures to be taken as well as cost to be incurred. xvi. Total water consumption and its source. Wastewater management plan. xvii. Study the impact of dredging on the shore line. xviii. A detailed impact analysis of rock dredging. xix. Action plan for disposal of dredged soil and rocks. xx. Dispersion modelling for the dumping of the dredge materials shall be carried out. The study report shall be incorporated. Details of Environmental Monitoring Plan. xxi. Modeling study on the impact of Port Layout on coastal erosion & accretion in the adjoining beaches on either side, sediment movement etc and mitigation measures xxii. The project proponents will get a detailed marine biodiversity impact assessment report and a management plan drawn up through the NIOS or any other marine biology specialist institution of repute and implement the same. The plan should include the management of marine and intertidal biotopes, corals and coral communities, sea grasses and sea weeds, subtidal habitats, fishes, other marine flora and fauna including turtles, birds and marine mammals as also productivity.. xxiii. Traffic Management Study on the impact of Trucks movement through Highway NH- 47 and Wagon Movement through Main Railway line due to the traffic load of Enayam Port xxiv. Risk Analysis Study. Disaster Management Plan for the above terminal. xxv. Layout plan of existing and proposed Greenbelt. xxvi. Status of court case pending against the project. xxvii. A tabular chart with index for point wise compliance of above TORs. xxviii. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made. <p>It was recommended that 'TORs' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure-2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</p>
11.2.4.	<p>Extension of navigational channel in the area between Mazagon Dock & Mumbai Port Maharashtra by M/s Mazagon Dock Shipbuilders Limited (MDL) Finalization of ToR – [F.No.21-27/2016-IA-III]</p> <p>The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to Ports and Harbour</p>

i.e. ≥ 5 million TPA of cargo handling capacity (excluding fishing harbours) as well as capital dredging are listed at 7(e) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.

M/s Mazagon Dock Shipbuilders Limited (MDL) has proposed for extension of navigational channel in the area between Mazagon Dock & Mumbai Port Maharashtra. The location of MDL is at Latitude 18°57'58" N and Longitude 72°51'00" E in the Mumbai harbour area. MDL is having a water front of approximately 700 meters from which the ships and submarines are launched into the sea. The water depth available in these stretches is about 1.5 m to 2.0 m below chart datum (CD) and 6.0 m to 6.5 m during a tide of 4.5m. The maximum draft of fully fitted warships proposed to be built at MDL would be about 7.2m. Therefore, deepening of channel will be increased from 2 m to 8.2 m. Widening of channel increased from 250 m to 350 m. channel will be extended from 1.0 km to 2.5 km. The quantum of capital dredging required to establish the navigational channel would be about 2.8 Million m³. The quantity of maintenance dredging will be about 1.1 million m³ per annum. CWPRS has recommended two dumping sites located at Lat. 18°53'00" N & Long. 72°44'00" E and Lat. 18°55'00" N & Long. 72°42'00" E.

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

- i. Importance and benefits of the project.
- ii. A separate chapter on status of compliance of Environmental Conditions granted by State/Centre to be provided. As per circular dated 30th May, 2012 issued by MoEF, a certified report by RO, MoEF&CC on status of compliance of conditions on existing port to be provided in EIA-EMP report.
- iii. Submit a copy of layout superimposed on the HTL/LTL map demarcated by an authorized agency on 1:4000 scale.
- iv. Recommendation of the SCZMA.
- v. Layout plan of existing and proposed Port.
- vi. The Marine biodiversity impact assessment report and management plan shall deal with all micro, micro and mega biotic components and ecology within the area of influence and should be drawn up through the National Institute of Oceanography or any other institution specializing in marine ecology.
- vii. Study the impact of dredging on the shore line.
- viii. A detailed impact analysis of rock dredging.
- ix. Action plan for disposal of dredged soil and rocks.
- x. Dispersion modelling for the dumping of the dredge materials shall be carried out. The study report shall be incorporated.
- xi. Disaster Management Plan.
- xii. Status of court case pending against the project.
- xiii. A tabular chart with index for point wise compliance of above TORs.
- xiv. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form

	<p>of tabular chart with financial budget for complying with the commitments made.</p> <p>It was recommended that 'TORs' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure-2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</p>
11.2.5	<p>Development of Outer Harbour Paradip Port Trust, Paradip, Taluka Kujang, District Jagatsinghpur, Odisha by M/s Paradip Port Trust – Finalization of ToR – [F.No.21-28/2016-IA-III]</p> <p>The project authorities gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Term of References for the preparation of EIA-EMP report. All the projects related to Ports and Harbour i.e. ≥ 5 million TPA of cargo handling capacity (excluding fishing harbours) are listed at 7(e) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.</p> <p>M/s Paradip Port Trust is proposing expansion of its extant Port activities by setting up an all-weather, deep-draft, breakwater protected harbor on the shoreline south of its southern breakwater as part Sagarmala Project of the Ministry of Shipping, Govt. of India. Salient features of the proposed 'Outer Harbour' project are as follows:</p> <ul style="list-style-type: none"> • No land acquisition proposed. Development proposed over stable, intertidal land. Land is in possession and control of Paradip Port Trust. • About 40 MTPA cargo throughput in phase 1 with expansion plan to reach up to 144MTPA in 2036. • North breakwater approx. 1.2 km and south breakwater approx. 4.2 km. • Approx. 9 km of dredged, two-way approach channel, about 300 m wide • About 21.2 Mm³ of capital dredging, about 4.6 Mm³ of maintenance dredging to be suitably disposed at an offshore location. • Suitable sand bypassing systems. • Total 15 berths (8 for bulk export, 3 for bulk import and 4 multi-purpose berths). • Associated navigation infrastructure such as Port Control Room/Tower. • About 193 ha port backup area created on intertidal land by reclamation, comprising mechanized stockpiles, hard stands, covered godowns, silos, bulk tanks and associated covered conveyance systems, dust suppression and fire-fighting systems for port

	<p>backup area.</p> <ul style="list-style-type: none"> • Last mile road (8 km joining the NH-5A road/highway) and rail (10 km joining the Paradip double electrified BG Railway station on EC Railways) connectivity through RoWs falling within the Port Trust land. • Essential utilities such as boundary fencing with security outposts, yard illumination, electrical substation, water storage reservoirs and distribution pump houses, storm water drain network, internal roads, sewerage and STPs, automotive workshops, etc. • Amenities such as Gate Complex, Fire Control Centre, Administrative building with offices of Port Trust, CISF, stevedores, canteen, occupational health center, meeting/conference rooms, port training infrastructure, telephone exchange, etc. <p>It is reported that North of the Mahanadi river has a thick development of mangrove, about 15 km from the proposed project site (extant Port's Southern breakwater). River Mahanadi confluence point is 5.8 km from the project site (extant Port's Southern breakwater).</p> <p>As per form1, proposal involves forest clearance. However, during presentation, PP informed that expansion will be carried out on the reclaimed land. Therefore, the Committee suggested them to submit clarification on the land use of the existing ports and proposed project area.</p> <p>After detailed deliberation, the Committee sought following additional information:</p> <ol style="list-style-type: none"> i. Tabular statement indicating details of (a) existing facilities as per existing EC obtained; (b) proposed additional facilities; (c) total capacity after expansion to be provided. ii. Details of all environmental clearance obtained for the existing project. iii. Status of implementation of the existing EC. iv. As per form1, it is mentioned that proposal involves forest clearance. But during meeting it was informed that expansion will be carried out on the reclaimed land. submit clarification on the land use of the existing ports and proposed project area. v. Details of land use of the existing ports and proposed project area vi. Details of cargo to be handled. vii. Clear activity chart for the activities to be undertaken in the first phase. <p>The proposal was deferred till the desired information is submitted through online. The above information shall be provided with the uploading of minutes on the website.</p>
11.2.6	<p>Shree Sharada Infrastructure has proposed to construct 'Renaissance Royal' at Mounje-Neral, Taluka-Karjat, Maharashtra by M/s Shree Sharada Infrastructure Private Limited – Finalization of ToR – [F.No.21-40/2016-IA-III]</p> <p>PP did not attend the meeting.</p>
11.2.7	<p>'Extension of Hope Town Wharf' at Port Blair Harbour (Andaman & Nicobar Islands) by</p>

M/s Andaman Lakshadweep Harbour Works – Environmental and CRZ Clearance – [F.No.11-34/2015-IA-III]

The project authorities and their consultant (Environmental System Consultants & Ambiente Lab Solutions Private Limited) gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken as per Terms of References (TORs) awarded during the 153rd Meeting of the Expert Appraisal Committee (Infrastructure) held during 18th-20th November, 2015 for preparation of EIA-EMP report. All the projects related to Ports and Harbour i.e. >5 million TPA of cargo handling capacity (excluding fishing harbours) are listed at 7(e) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at central level.

M/s Andaman Lakshadweep Harbour Works has proposed for Extension of Hope Town Wharf at Port Blair Harbour (Andaman & Nicobar Islands). The LPG tankers are being berthed at Hope Town Wharf for unloading bulk LPG from Vessel and direct to the LPG Bottling Plant for bottling and distributing to local needs. The Hope Town Wharf is located in the northern parts of Port Blair Harbour, opposite to Chatham Island. A Wharf of 100 x 30 m was constructed during eighties to cater the Vessels of about 10 m draft and later the Wharf was further extended to another 40 m (size 40 m x 20.50 m). Thus, Hope Town Wharf is having a berthing face of 140 m. The alongside depth is about 10 m so as to cater the Mainland going Vessels, large Cargo Vessels and Oil Tankers. The infrastructures such as Port Management Board Office, Cargo Shed, Generator Shed, Fire Hydrants, etc. were also created. The Wharf is now being utilized mainly for handling of LPG and other Petroleum products by IOCL, thus, Hazardous/Dangerous Cargo handling Wharf.

To meet to the requirement of berthing of regular LPG Tankers which are 160 m in length, the existing Wharf has to be extended by 60 m, so that final length reaches to 200 m. After the hydrographic survey, the project 'Extension of Hope Town Wharf by 60 m' has been sanctioned by the Ministry of Shipping on 29th July 2015 for an amount of Rs.17.49 crores. The entire work is to be completed in 24 months from the date of required Approvals and Sanction. The Proposal, broadly, envisages the following components :

- i. Extension of Wharf of Size 60 m x 20.50 m founded on bored Cast-in-situ RCC piles of 800 mm dia.
- ii. Dredging of 8,400 cu.m in 3,000 sq. m area (100 m X 30 m) to clear cast-in/cast-off route of the Vessel while berthing alongside.

The components of works involved are as under :

- i. Construction of RCC bored cast-in-situ piles to required depth.
- ii. Construction and placing of precast shuttering slab for the bottom shuttering of cast-in-situ beams, slab and berthing wall.
- iii. Casting the cast-in-situ beams berthing wall and slabs.
- iv. Casting ducts, etc.
- v. Wearing coat and other miscellaneous works.
- vi. Special repair to the existing structure, if required.
- vii. The piles of 800 mm dia will be bored to the hard strata and socketed to the hard strata. The piles will be with 6 mm thick steel sacrificial casing.

It is reported that the construction & dredging sites are devoid of mangroves and corals. The 10-km study area of project site falls in part of Mount Harriet National Park (@ 800 m in north) in South Andaman Reserved Forests (RF). Saithankari Protected Forests, Port Mout Brindaban RF, Jirkatang RF, etc. exist in the study area. There are no eco sensitive areas like Wildlife Sanctuaries, Biosphere Reserves, Elephant Corridor, etc. within 10 km from the site. The National Monument Cellular Jail is at a distance of 3.4 km in southeast from the site.

Lohabarrack Salt Water Crocodile Sanctuary is at a distance of 13 km in west and Mahatma Gandhi Marine National Park is at 17 km distance in southwest. The total cost of this project works out to be Rs. 17.49 crores including the EMP Budget of Rs. 20.00 Lakhs per annum for implementing the EMP measures and Post-project Monitoring. Project Authority informed that they will obtain clearance from NBWL as no ESZ has been notified for Mount Harriet National Park. The Committee noted that the Environmental Consultant has carried out baseline data collection for the monsoon period. Therefore, the Committee suggested them to carry out baseline data collection for one month. Regarding marine aquatic environment data of the project site, PA should gather secondary data from ZSI and submit.

Andaman & Nicobar Coastal Zone Management Authority vide letter no. CF/EPA/1/Vol.XV/142 dated 19th September, 2016 has recommended the proposed facilities to MoEF&CC for its approval. As per the CRZ maps prepared by the Institute of Remote Sensing, Anna University, Chennai proposed facilities fall in the ICRZ – IV.

Dredging and disposal of 8,400m³ will have negative temporary impacts at the disposal area of deep Sea. However, due to deep sea disposal (-20 m to -30 m depth), settlement of the disposed material will be faster leading to minimization of the impact by restricting spread of the dredged material. The disposal area is in open sea and devoid of corals. The existing Wharf is having APWD Water Supply for its daily requirements (maximum 2 cu.m/day). The proposal requires fresh water to the tune of 5 cum/day (average demand) mainly for the construction activity during Construction Phase which will be met from the existing APWD Supply. No ground water drawl and hence, no impact on ground water. The Committee suggested them to provide adequate sanitation facility for the construction worker. Movable toilet followed by sewage treatment facility should be provided. Solid waste shall be segregated and disposed properly. No waste shall be allowed to discharge into sea at the time of construction. The local workforce is proposed to be utilised and thus no separate labour camps, etc. are required.

The Committee deliberated upon the issues raised during the Public Hearing / Public Consultation meeting conducted by the Pollution Control Committee, Andaman & Nicobar Administration on 21st May, 2016. The issues were raised regarding impact on health nearby residents due to project. The Committee noted that issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report. The Committee also deliberated on the comments of CRZ Division.

After detailed deliberation, the Committee sought following additional information:

- i. Carry out baseline data collection for one month.
- ii. Marine aquatic environment data of the project site should be gathered from ZSI and submit.
- iii. Coordinates of dumping ground of dredged material.
- iv. Measures to be taken while dumping dredge materials.
- v. Details of measures to be taken to control air, water and noise pollution during construction of warfs and piling works.

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

11.2.8	<p>Augmentation of existing ship repair facility at Cochin Port of District Ernakulam, Kerala by M/s Cochin Shipyard Ltd – Further consideration for Environmental and CRZ Clearance – [F.No.11-65/2013-IA-III]</p> <p>The proposal was considered by the EAC (Infra-2) in its meeting held on 23rd-24th May, 2016 and the Committee deferred the project proposal for want of following information :</p> <ul style="list-style-type: none"> i) Status of stage-1 forest clearance. ii) Copy of application submitted for clearance from NBWL for Mangalavanam Bird Sanctuary. iii) 2 ha. land area to be identified for mangroves afforestation. iv) Select ambient air quality stations as per upwind and down wind direction. v) Recheck ambient air quality for 1 month data. vi) Plan for disposal of C & D waste as per new rules for C & D waste management. vii) Explore the possibility to use solar energy. viii) The EIA does not address to the entire spectrum of flora and fauna. A detailed assessment and a management plan including macro fauna and flora to be submitted. ix) Details of hazardous wastes generated from the proposed unit and its management plan as per the provisions of the Hazardous Waste Management rules. x) Quantity of wastewater generation and its management and disposal plan to be submitted. <p>In response, PP has submitted the following addl. information :</p> <p>i. <u>Status of stage-1 forest clearance.</u></p> <p>CSL had applied for stage-1 Forest clearance on 27 June 2016. The site inspection by Forest officials completed on 19 July 2016 and the case is presently under processing by DFO.</p> <p>ii. <u>Copy of application submitted for clearance from NBWL for Mangalavanam Bird Sanctuary.</u></p> <p>CSL had applied for NBWL clearance on 24 June 2016. The site inspection by Forest Dept.officials completed on 19 July 2016 and the case is presently under processing by DFO.</p> <p>iii. <u>2 ha. land area to be identified for mangroves afforestation</u></p> <p>CSL proposal is to carry out 2 ha compensatory mangrove afforestation with the assistance of Social Forestry Division, Kerala Forest Department. Accordingly, a joint meeting of Forest, Panchayat & CSL officials was held at the office of Assistant Conservator of Forests (ACF), Social Forestry Division, Kollam on 29 Sept 2016. In the meeting, President of Munroe Thuruth Grama Panchayat informed that 3.5 ha area suitable for mangrove afforestation is available within panchayat premises and their intention is to set up a mangrove park and thereby promotion of tourist activities within the region.Detailed Project Proposal would be prepared by ACF by Oct 2016 and all expensesfor 2 ha compensatory mangrove afforestation would be borne by CSL.</p> <p>iv. <u>Select ambient air quality stations as per upwind and down wind direction.</u></p> <p>v. <u>Recheck ambient air quality for 1 month data.</u></p> <p>One month ambient air quality monitoring was carried out by Cochin Shipyard Limited through M/s Enviro Design Ecolabs, Kochi during the period mid Aug to mid Sept 2016.</p>

Ambient air quality stations were selected as per upwind and down wind direction for rechecking ambient air quality data for one month as insisted by EAC of MoEFCC. Five (5) Sampling stations were selected in the study area of 10 km radius in and around the project site for air quality monitoring. Ambient air quality monitoring data indicates that ranges of concentrations of PM₁₀ (52.4 µg/m³ to 78.30 µg/m³), PM_{2.5} (16.60 µg/m³ to 37.20 µg/m³), SO₂ (9.10 µg/m³ to 14.6 µg/m³) and NO_x (10.60 µg/m³ to 17.30 µg/m³) respectively.

vi. Plan for disposal of C & D waste as per new rules for C & D waste management Construction and Demolition Waste (C&D Waste):

Construction and Demolition Waste will be handled and disposed as per the construction and demolition waste management rules, 2016. CSL has tie up with M/s Kerala Enviro Infrastructure Ltd. (KEIL) for disposal of C & D waste including asbestos sheet. Temporary storage facility (approx. 8000 m²) for C & D waste will be provided at construction site, for its disposal to KEIL landfill site. Waste generation from the demolition of the structures is estimated to be 8500 cu.M.

vii. Explore the possibility to use solar energy.

Solar power plant having installed capacity 250 Kwp has been installed. It is proposed to install 100 Kwp capacity solar plants at ISRF project area.

viii. The EIA does not address to the entire spectrum of flora and fauna. A detailed assessment and a management plan including macro fauna and flora to be submitted.

Detailed assessment of macroflora and fauna has been carried out by School of Marine Science University of Science and Technology, Kochi. This fish fauna of the study area has also reported occurrence of Catla(during Monsoon season), LutjanusJohnii, Clarius species, Mugilcephalus, Liza macrolepis shrimps and crabs.

xi) Details of hazardous wastes generated from the proposed unit and its management plan as per the provisions of the Hazardous Waste Management rules.

The hazardous waste generated during the operations of the proposed International Ship Repair Facility will be handled as per the existing practices of Cochin Shipyard Ltd. complying with the Hazardous and Other Wastes (Management and Trans-boundary Movement) rules, 2016. Waste generated will be segregated in the yard itself and will be stored at designated locations complying with the norms. The Committee suggested them used oil / waste battery/E-waste shall be sent to authorized re-processors/recyclers. Used copper slag, paint sludge, sludge and Asbestos containing material will be sent to CTSDf.

xii) Quantity of wastewater generation and its management and disposal plan to be submitted.

Total water requirement will be 278 KLD, which will be met from Kerala Water Supply Authority and recycled water. Wastewater generation will 250 m3/day, which will be treated in the ETP.

Treated effluent will be recycled to meet process requirement such as ship washing, pipe shop use etc. After meeting greenbelt development. Sewage will be treated in the STP. The Committee also deliberated the comments of CRZ Division. PP also informed that estimated quantity of capital dredging is 60000 cu.m. Dredged material will be disposed at two designated offshore dumping locations viz. Northern dumping ground and southern dumping ground maintained by CoPT at a distance of about 21 km away from the project site. These offshore sites were selected based on the model studies carried out by Central Water and Power Research Station, Pune as entrusted by CoPT. Coordinates of these offshore dumping grounds are Latitude 10°00'N, longitude 76°05'E and Latitude 9°55'N Longitude 76°06'E for North and South dumping ground respectively.

After detailed deliberations, the Committee recommended the project for environmental and CRZ clearance and stipulated the following specific conditions along with other environmental conditions while considering for accord of environmental clearance:

- (i) Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- (ii) PP shall obtain stage – I forest clearance.
- (iii) The environmental clearance is subject to obtaining prior clearance for Wildlife from the Standing Committee of the National Board for Wildlife.
- (iv) *All the recommendations and conditions specified by Kerala Coastal Zone Management Authority shall be complied with.*
- (v) As proposed, PP shall carry out mangroves plantation in 2 ha. land and maintain.
- (vi) The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.
- (vii) Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring report.
- (viii) The ground water shall not be tapped within the CRZ areas by the PP to meet with the water requirement in any case.
- (ix) All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and ground water abstraction
- (x) A detailed marine diversity conservation management plan based on possible environmental impacts shall be drawn up and implemented as suggested by the National Institute of Oceanography or any other institute on marine ecology. The plan should include the management of marine and intertidal biotopes, corals and coral communities, sea grasses and sea weeds, subtidal habitats, fishes, other marine flora and fauna(Micro, macro and mega) including turtles, birds and marine mammals as also productivity.
- (xi) Shrouding shall be carried out in the work site enclosing the dock/proposed

	<p>facility area. This will act as dust curtain as well achieving zero dust discharge from the site. These curtain or shroud will be immensely effective in restricting disturbance from wind in affecting the dry dock operations, preventing waste dispersion, improving working conditions through provision of shade for the workers.</p>
(xii)	Dust collectors shall be deployed in all areas where blasting (surface cleaning) and painting operations are to be carried out, supplemented by stacks for effective dispersion.
(xiii)	The work space shall be maintained as per international standards for occupational health and safety with provision of fresh air respirators, blowers, and fans to prevent any accumulation and inhalation of undesirable levels of pollutants including VOCs.
(xiv)	The diesel generators shall be used as back-up power supply and shall be run only during power cuts. Low sulphur content fuel will be used for the generators and will be subjected to periodical maintenance and servicing. This will cut down on emission volume to a considerable extent. Also, the DG sets will be provided with mufflers for pollutant emission control.
(xv)	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.
(xvi)	All measures shall be taken during the excavation activity as deemed necessary from the geotechnical investigation of the soil and ground water profile.
(xvii)	Construction activity related wastes (C & D waste) shall be disposed off as per Solid Waste Management Rule, 2016.
(xviii)	All such solid and hazardous wastes including onboard wastes (while ships dock at the site) will be handled as per the Hazardous and other Waste (Management & Transboundary Movement) Rules, 2016.
(xix)	Silt curtains shall be used to contain the spreading of suspended sediment during dredging within the dredging area.
(xx)	The dredging schedule shall be so planned that the turbidity developed is dispersed soon enough to prevent any stress on the fish population.
(xxi)	Earth protection work shall be carried out to avoid erosion of soil from the shoreline/boundary line from the land area into the marine water body.
(xxii)	No ships docking at the proposed project site will discharge its on-board waste water untreated in to the estuary/ channel. All such wastewater load will be diverted to the proposed Effluent Treatment Plant of the project site.
(xxiii)	All effluent generated in the existing and proposed ship repairing centre shall be drained in to the ETP having capacity 300 KLD and equipped to treat the effluent into dischargeable standards. The oil-water separator of the ETP shall remove any unwanted oil & grease content from the effluent. The ETP shall be equipped to treat such effluent including the bilge water and other ship discharges to meet the general standards for discharge of effluent in marine coastal areas before

	<p>disposal in to the channel. Ballast water from ships shall be stored at the facility and will be used in refilling of same before release of ships back into water.</p> <p>(xxiv) Workers shall be strictly enforced to wear personal protective equipments like dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.</p> <p>(xxv) In case of repair of any old vessels, excessive care shall be taken while handling Asbestos & Freon gas. Besides, fully enclosed covering should be provided for the temporary storage of asbestos materials at site before disposal to CTSDf.</p> <p>(xxvi) Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.</p> <p>(xxvii) The commitments made during the Public Hearing and recorded in the Minutes shall be complied with letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.</p>
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11.2.9.	<p>Proposed construction project at Survey No. 22/1, 22/3, 23/11, 23/13 ,16/2 Thane, Maharashtra by M/s H K D – Environmental Clearance - [F.No.21-29/2016-IA-III]</p> <p>PP informed that the above mentioned project proposal is pending with SEIAA. Now, they want to withdraw application for the above mentioned project.</p>
11.2.10.	<p>Proposed construction project at S. No. 74, 90, 85/1 to 8, 86/5/6/7, 117 B/1 to 4 at village Achole & Nilemore, Tal- Vasai, Dist- Palghar Maharashtra by M/s Viva & Patil Construction– Environmental Clearance - [F.No.21-30/2016-IA-III]</p> <p>PP intends to develop the total plot area of 83,110.23 m² by amalgamating 3 plots namely plot 1, 2 and 3. Plot 1- S No. 74/2/3, 90 consists of 16 nos. of existing buildings having G + 3 structure which are completed in the year 1998 and occupied. Total construction area is 18,620.90 m². Plot 2 – S No 32 A & 38 (pt.) consists of 3 Nos. of buildings of G/S + 7 structure which area completed in the year 2009-2010 and occupied. Total construction area is of 14,559.73 m². Now, these two plots are amalgamated with plot 3 and revised FSI area is calculated FSI area is calaculated loading TDR and total 4 no. of additional building are proposed (3 new buildings on plot 3 and 1 additional building on plot 2.</p> <p>After detailed deliberation, the project proponents were asked to revise and resend the application for only the proposed activities at plot no. 3. In its present form the proposal cannot</p>

be considered for EC.

11.2.11. Redevelopment of “SAGAR VAIBHAV CO-OP HOUSING SOCIETY LTD.” Plot bearing CTS no. 51 of Village Mandapeshwar, Dahisar (West), Opposite Mary Immaculate Girls School, LaxmanMhatre Road, Dahisar (West), Tehsil Borivali, District Mumbai Suburban, Mumbai by M/s Kolte-Patil Developers Ltd. – Environmental Clearance - [F.No.21-31/2016-IA-III]

M/s Kolte-Patil Developers Ltd. has proposed for redevelopment of “Sagar Vaibhav Co-Op Housing Society Ltd.” Plot bearing CTS no. 51 of Village Mandapeshwar, Dahisar (West), Opposite Mary Immaculate Girls School, LaxmanMhatre Road, Dahisar (West), Tehsil Borivali, District Mumbai Suburban, Mumbai, Maharashtra. Total plot area is 4,994.70 m². Total built up area is 22,346.42 m². Project is in Jurisdiction of Municipal Corporation of Greater Mumbai (M.C.G.M.). building configuration is as given below:

1 Building with 3 Wings; Total Flats: 211 Nos.	Height (up to terrace level)
Wing A: Lower Ground + Ground + Podium + 18 Floors + 19 th Floor (Pt.)	69.95 mt.
Wing B: Basement + Ground + Podium + 18 Floors + 19 th Floor (Pt.)	69.95 mt.
Wing C: Basement + Ground + Podium + 18 Floors + 19 th Floor (Pt.)	69.95 mt.

It is reported that Sanjay Gandhi national Park and Tungareshwar Sanctuary are located at a distance of 2.0 km and 12 Km respectively. Water bodies namely Vasai Creek, Dahisar River, Manori Creek, Tulsi Lake, Malad creek, Yeoor Lake, Vihar Lake, Upvan Lake, Kachrali Lake, Siddheshwar Lake, Raila Devi Lake, Masunda Lake, Rewale Lake, Powai Lake, Bramhala Lake, Jail Lake, Ambe Bhosale Lake, Hariyali Lake, Ulhas river and Arabian Sea are located within 15 km distance.

Parking facility 209 nos. and 20 nos. will be provided for car and two wheelers respectively. Total water requirement will be 145 m³/day. Out of which, fresh water requirement from MCGM will be 95 m³/day and remaining water requirement (50 m³/day) will be met from recycled/ treated effluent. Excess treated effluent will be discharged into existing sewer line. Sewage (123 m³/day) will be treated in the STP. Treated sewage will be recycled for flushing and horticulture purpose. Solid waste generation will be 472 kg/day. out of which, quantity of biodegradable solid waste is 332 kg/day and non-biodegradable waste is 142 kg/day. biodegradable waste will be treated in Organic Waste Convertor. Power requirement will be 1785 kW. DG set (1 x 500 KVA) will be installed for emergency power supply. Total 80 trees to be cut. 32 existing trees to be retained.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.

	<ul style="list-style-type: none"> (ii) Copy of application submitted for clearance from NBWL. (iii) Present landuse of the proposed project site. (iv) PI confirm whether site is not located on the wet land. (v) Details of no. of floor alongwith builtup area to be constructed in each block to be furnished. (vi) Efforts shall be made to provide balconies in the flat. (vii) Cost of project as well as capital cost and recurring cost per annum for implementing EMP to be provided. (viii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished. (ix) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway. (x) Details of source of water supply alongwith permission to be submitted. (xi) Excess treated sewage disposal plan/scheme to be submitted. (xii) Assessment of ground level concentration of pollutants due to DG set (500 KVA). (xiii) Effort shall be made to reduce capacity of DG set and remaining standby power shall be met from solar energy. (xiv) Treatment scheme for sewage and its recycling mode. (xv) Ensure that in dual plumbing, there is no contact of treated water with humans. Prepare a distinct separate plan for plumbing lines for treated and raw water. A commitment shall be given that no line for treated effluents other than for flushing, shall be provided. (xvi) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed. (xvii) Calculation on sizing of solar water heating systems to be furnished. (xviii) At least 2 solar powered lights and one fan shall be provided in each flat. Solar generation shall be connected to the grid. (xix) Solid waste management plan alongwith area earmarked for solid waste management scheme. (xx) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting. (xxi) The provisions of the fly ash notification as applicable to Maharashtra shall be strictly complied with. (xxii) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal (xxiii) Layout plan indicating Greenbelt alongwith area earmarked to be provided. <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
11.2.12.	<p>Expansion of Residential & Commercial Development” at Palladium Grand II, S. No. 17/1A/2, Dhanori, Pune, Maharashtra by M/s. Raojee Constructions – Environmental Clearance - [F.No.21-32/2016-IA-III]</p> <p>M/s. Raojee Constructions has proposed for expansion of residential & commercial Development” at Palladium Grand II, S. No. 17/1A/2, Dhanori, Pune, Maharashtra. SEAC, Maharashtra vide letter no SEAC-2014/CR-376/TC3 Dated 26/07/2016 has granted Environmental Clearance to M/s. Raojee Constructions for the existing build project.</p>

The total plot area is 25,328.62 m². The project will comprise of 5 Existing and 5 proposed buildings. FSI area is 30,401.45 m² (Existing- 10,442.02 m² + Proposed- 19,959.43 m²) and total construction area of 58,666.85 m² (Existing: 17,483 Proposed: 41,183.85 Total flats Existing-140 nos. Proposed: -350 nos. & 52 Shops shall be developed. Maximum height of the building is 42 m. comparative statement of project configuration is as given below:

Description	As per received EC	Proposed Expansion in EC	Remarks
Total plot area	25,328.62	25,328.62	No Change
Built –up Area as per FSI	25,202.57	30,401.45	Proposed to be increased by 5198.88 sq. mt.
Built –up Area as per NON FSI	21,591.05	28265.4	Proposed to be increased by 6674.35 sq. mt.
Total construction built up area (FSI+NonFSI) (m2)	46,793.62	58,666.85	Increased by 11,873.23 due to increase in FSI
No. of Buildings & it's Building configuration	Existing Old Buildings A, B, C, D, J (Parking +7) Proposed building E,F,G,H (Parking +Podium+11), Bldg K (MHADA + Shops) – Ground +4	Existing Old Buildings A, B, C, D, J (Parking +7) Proposed buildings E,F,G,H (Parking +Podium+11), Bldg K (MHADA + Shops) – Ground +MEZZ + 9	Change in Building K
Total No. of Tenements	Tenements: Existing – 140 Proposed - 290 Commercial: 52 shops.	Tenements: Existing – 140 Proposed - 350 Commercial: 52 shops.	Tenements increased by 60

BUILDING	FLOORS	FLATS/SHOP S	HEIGHT	POPULATION
A+B+C+D+J (Existing)	Parking + 7	140	23.20m	700
E+F +G+H (Proposed)	Parking + Podium+ 11	238	42.00 m	1190
K	Ground + MEZZ + 9	112	41.01	560
Shops		52		315

Total		350 flats & 52 Shops		Fixed : 2450 Floating: 315
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It is reported that Mula River is flowing at a distance of 2.8 km.

Parking facility for (70 Existing + 407 Proposed) four wheelers and Existing 280 + Proposed 855 two wheelers is proposed to be provided against the requirement of (70 Existing + 407 Proposed) cars and Existing 280 + Proposed 855 two wheelers two wheeler respectively (according to local norms). During construction phase, total water requirement is expected to be 10-20 KLD which will be met by tanker. During the construction phase, soak pits and septic tanks will be provided for disposal of wastewater. Temporary sanitary toilets will be provided during peak labour force.

During operational phase, total water demand of the project is expected to be 391 KLD and out of the total 279 will be met by Pune Municipal Corporation. Wastewater generated (328 KLD) uses will be treated in one STPs of total 350 KLD capacity. 111 KLD of treated wastewater will be recycled (87 for flushing, 24 for gardening). About 218 KLD will be disposed into municipal drain. About 1.17 TPD solid waste will be generated in the project. The biodegradable waste (0.7 TPD) will be processed in OWC and the non-biodegradable waste generated (0.4 TPD) will be handed over to PMC. The total power requirement during construction phase is about 100 KW and will be met from Maharashtra State Electricity Distribution Company Limited (MSEDCL) and total power requirement during operation phase will be met by MSEDCL Supply

Details	Existing Buildings	Proposed buildings
Connected Load	741 KW	1782.05 KW
Maximum Demand	592.8 KW	881.56 KW
D.G. Set	62.5 KVA	160, 250 KVA

D.G. Sets will be used in case of Power Failure only for emergency services.

Roof top rainwater of buildings will be recharged through 13 no. of recharge pits having size 3mt. x 3mt x 3mt for harvesting after filtration.

After detailed deliberation, the Committee sought following additional information:

- (i) Copy of certified compliance report on the environmental condition stipulated in the existing EC from the Regional Office, Nagpur.
- (ii) Status of application of the project proposal in SEIAA, Maharashtra.
- (iii) Copy of application submitted for clearance from NBWL.
- (iv) Present land use of the proposed project site.
- (v) PI confirm whether site is not located on the wet land.
- (vi) Details of no. of floor along with built up area to be constructed in each block to be furnished.
- (vii) Commitment that shops and other establishments in residential blocks will have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (viii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (ix) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.

	<ul style="list-style-type: none"> (x) Details of source of water supply alongwith permission to be submitted. (xi) Excess treated sewage disposal plan/scheme to be submitted. (xii) Assessment of ground level concentration of pollutants due to DG set (250 KVA). (xiii) Efforts shall be made to reduce capacity of DG set and remaining standby power shall be met from solar energy. (xiv) Treatment scheme for sewage and its recycling mode. (xv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed. (xvi) Calculation on sizing of solar water heating systems to be furnished. (xvii) At least 2 solar powered lights and one fan shall be provided in each flat. Solar generation shall be connected to the grid. (xviii) Solid waste management plan alongwith area earmarked for solid waste management scheme. (xix) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting. (xx) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal (xxi) Layout plan indicating Greenbelt alongwith area earmarked to be provided. <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
11.2.13.	<p>Proposed residential project with shopline in village: Sandor, Tal: Vasai, Dist: Palghar by M/s Sandor Group Housing – Environmental Clearance - [F.No.21-9/2016-IA-III]</p> <p>M/s Sandor Group Housing has proposed for construction of residential project with shopline at Village Sandor, Vasai Virar City Municipal Corporation, Taluka Vasai, District Palghar, Maharashtra. The plot area of the proposed project is 1,07,050m², proposed FSI area is 39,023.69 m² and total construction area is 69,692.04 m². The proposed development will have 9 Residential buildings (19 wings) with 869 flats and 115 Shops. Cost of project is Rs. 242 Crore. Out of which, Rs. 374 Lakh and 67 lakh/year are earmarked as Capital Cost and O&M Cost per annum for implementation of EMP.</p> <p>It is reported that Tungareshwar Wild Life Sanctuary is located at the distance of 8 Km. Arabian sea (4 km) and Manikpur Talao (2 km) are located within 10 km distance.</p> <p>Parking facility for 293 four wheelers and 907 two wheelers are proposed to be provided. During operational phase, total water demand of the project is expected to be 602 KLD and same will be met by fresh water from VVCMC and recycled water. Wastewater generated (562 KLD) uses will be treated in STP of 600 KLD capacity. 206 KLD of treated wastewater will be recycled for flushing. About 304 KLD will be discharged in Municipal sewer lines. About 2242 kg/d solid waste will be generated in the project. The biodegradable waste (1345 kg/d) will be processed in mechanical composting (Ecobiocompack) and the non-biodegradable waste generated (897 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 200 kVA and will be met from MSEDCL and Total power requirement during operation phase is 6.0 MW and will be met from MSEDCL</p>

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL.
- (iii) Present landuse of the proposed project site.
- (iv) PI confirm whether site is not located on the wet land.
- (v) Details of no. of floor alongwith builtup area to be constructed in each block to be furnished.
- (vi) Commitment that shops and other establishments in residential blocks with have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (ix) Details of source of water supply alongwith permission to be submitted.
- (x) Excess treated sewage disposal plan/scheme to be submitted.
- (xi) PP shall Commit that due care shall be taken to ensure that the recycled water does not come into contact of humans
- (xii) Assessment of ground level concentration of pollutants due to DG set (900 KVA).
- (xiii) Effort shall be made to reduce capacity of DG set upto 500 KVA. And remaining standby power shall be met from solar energy.
- (xiv) Treatment scheme for sewage and its recycling mode.
- (xv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.
- (xvi) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.
- (xvii) Calculation on sizing of solar water heating systems to be furnished.
- (xviii) At least 2 solar powered lights and one fan shall be provided in each flat. Solar generation shall be connected to the grid.
- (xix) Solid waste management plan alongwith area earmarked for solid waste management scheme.
- (xx) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.
- (xxi) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (xxii) Layout plan indicating Greenbelt alongwith area earmarked to be provided.

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

11.2.14. Proposed residential and commercial project at Plot bearing S. NO. 147/8, 147/9, 147/10, 147/11, 148/2, 200/3 of village Khidkali, Thane, Maharashtra by DYNAMIC BUILDTECH LTD – Environmental Clearance - [F.No.21-10/2016-IA-III]

M/s Dynamic Buildtech Ltd has proposed for construction of residential and commercial building at Plot bearing S. NO. 147/8, 147/9, 147/10, 147/11, 148/2, 200/3 of Village Khidkali, Tehsil and District Thane, Maharashtra.

The plot area is 17,730.00 m². Total built up area is 38,172.87 m². The project comprise of 2 Residential Buildings (3 wings) with 657 flats and commercial offices. Cost of project is Rs. 66.50 Crore. Out of which, Rs. 170.8 Lakh and Rs 39 lakh/year are earmarked towards capital cost and recurring cost per annum for implementation of EMP. Total 657 nos. of flats and commercial offices shall be developed. Maximum height of the building is **89.40 m**.

It is reported that Sanjay Gandhi National Park is located at a distance of 14 Km. Ulhas river is flowing at distance of 4.5 Km. Committee noted that Khidka lake is situated nearby the project site but the same is not mentioned in the form1. The Committee suggested them to furnish the distance of Khidka lake from the project site.

Parking facility for 115 four wheelers and 664 two wheelers are proposed to be provided. During construction phase, total water requirement is expected to be 40KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operational phase, total water demand of the project is expected to be 446 KLD and same will be met by fresh water from TMC and recycled water. Wastewater generated (416 KLD) uses will be treated in STP of 450 KLD capacity. 149 KLD of treated wastewater will be recycled for flushing. About 254 KLD will be discharged in Municipal sewer lines. About 1653 kg/d solid waste will be generated in the project. The biodegradable waste (992 kg/d) will be processed in mechanical composting (Ecobiocompack) and the non-biodegradable waste generated (661 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 250 kVA and will be met from MSEDCL and Total power requirement during operation phase is 3.5 MW and will be met from MSEDCL. Rooftop rainwater of building will be collected in one RWH tank of total **50 m³** capacity for harvesting after filtration

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL.
- (iii) Present landuse of the proposed project site.
- (iv) Distance of Khidka lake from the project site.
- (v) Highest water level of Khidka lake.
- (vi) Details of no. of floor alongwithbuiltup area to be constructed in each block to be furnished.
- (vii) Commitment that shops and other establishments in residential blocks with have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (viii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (ix) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (x) Details of source of water supply alongwith permission to be submitted.
- (xi) Excess treated sewage disposal plan/scheme to be submitted.
- (xii) PP shall Commit that due care shall be taken to ensure that the recycled water does not come into contact of humans
- (xiii) Assessment of ground level concentration of pollutants due to DG set (600 KVA).
- (xiv) Effort shall be made to reduce capacity of DG set upto 300 KVA and remaining

	<p>standby power shall be met from solar energy.</p> <p>(xv) Treatment scheme for sewage and its recycling mode.</p> <p>(xvi) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.</p> <p>(xvii) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.</p> <p>(xviii) Calculation on sizing of solar water heating systems to be furnished.</p> <p>(xix) At least 2 solar powered lights and one fan shall be provided in each flat. Solar generation shall be connected to the grid.</p> <p>(xx) Solid waste management plan alongwith area earmarked for solid waste management scheme.</p> <p>(xxi) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xxii) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal</p> <p>(xxiii) Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>															
11.2.15	<p>Residential cum Commercial Project at Plot bearing S. No. 29 & 37, H.No. 2, Village-Shill, Thane, Maharashtra by M/S Trinity Builders – Environmental Clearance - [F.No.21-11/2016-IA-III]</p> <p>The project proponent did not attend the meeting.</p>															
11.2.16	<p>Proposed Residential Cum Commercial Development At Plot Bearing S. No. 3/1a, 3/1b, 3/1c, 4/8a+9b, 4/8b At Village Padle, Thane By M/S Shubham Buildcon – Environmental Clearance - [F.No.21-12/2016-IA-III]</p> <p>M/S Shubham Buildcon has proposed for construction of Residential Cum Commercial building at Plot Bearing S. No. 3/1a, 3/1b, 3/1c, 4/8a+9b, 4/8b At Village Padle, Tehsil and District Thane, Maharashtra. The plot area is 9,380.00 m² and total built-up area is 37,596.72 m². The project comprises of 3 Residential Buildings with 389 flats. Cost of project is Rs. 89 Cr. Out of which, Rs. 119 Lakh and 30.5 lakh/year are earmarked towards capital and recurring cost per annum for implementation of EMP. Building details are as given below:</p> <table><tr><th>Sr. No.</th><th>Residential Building Details Type</th><th>Building Configuration</th><th>No. Of Flats</th><th>Commercial Shops and Offices Area</th></tr><tr><td>1</td><td>Building A</td><td>B+G+28th floor</td><td>82</td><td>Area – 2479.19 m²</td></tr><tr><td>2</td><td>Building B</td><td>S+20th Floor</td><td>77</td><td>Shops - 4 Nos.</td></tr></table>	Sr. No.	Residential Building Details Type	Building Configuration	No. Of Flats	Commercial Shops and Offices Area	1	Building A	B+G+28 th floor	82	Area – 2479.19 m ²	2	Building B	S+20 th Floor	77	Shops - 4 Nos.
Sr. No.	Residential Building Details Type	Building Configuration	No. Of Flats	Commercial Shops and Offices Area												
1	Building A	B+G+28 th floor	82	Area – 2479.19 m ²												
2	Building B	S+20 th Floor	77	Shops - 4 Nos.												

3	Building C	S+30 th floor	230	Offices - 24 Nos.
Total			389 Nos.	Population: 2,172 Nos.

It is reported that Sanjay Gandhi National Park is located at a distance of 13 Km. Desai creek is situated at a distance of 5 km.

Parking facility for 310 Nos. four wheelers and 502 Nos. two wheelers are proposed to be provided against the requirement of 307Nos.four wheelers and 502Nos.two wheelers respectively. During construction phase, total water requirement is expected to be 50KLD which will be met by tanker water/excess treated water from the nearby society. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operational phase, total water demand of the project is expected to be 273 KLD and same will be met by fresh water from TMC (Thane Municipal corporation) and recycled water. Wastewater generated (255 KLD) uses will be treated in STP of 265KLD capacity. 94 KLD of treated wastewater will be recycled for flushing. About 150KLD will be discharged in Municipal sewer line. About 1,018 kg/d solid waste will be generated in the project. The biodegradable waste (611 kg/d) will be processed in mechanical composting (Eco-biocompack) and the non-biodegradable waste generated (407 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 200 kVA and will be met from MSEDCL and Total power requirement during operation phase is 1.5 MW (demand Load) and will be met from MSEDCL.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL.
- (iii) Present landuse of the proposed project site.
- (iv) Building sanction plan.
- (v) Commitment that shops and other establishments in residential blocks will have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (vi) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (vii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (viii) Details of source of water supply alongwith permission to be submitted.
- (ix) Excess treated sewage disposal plan/scheme to be submitted.
- (x) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.
- (xi) Assessment of ground level concentration of pollutants due to DG set (500 KVA).
- (xii) Effort shall be made to reduce capacity of DG set upto 250 KVA and remaining standby power shall be met from solar energy.
- (xiii) Treatment scheme for sewage and its recycling mode.
- (xiv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.
- (xv) Calculation on sizing of solar water heating systems to be furnished.
- (xvi) At least 2 solar powered lights and one fan shall be provided in each flat. Solar

	<p>generation shall be connected to the grid.</p> <p>(xvii) Solid waste management plan alongwith area earmarked for solid waste management scheme.</p> <p>(xviii) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xix) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(xx) Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>								
11.2.17.	<p>Proposed IT Park project at Plot No. C3, Road no. 01, Wagle Estate, Thane by M/s Shree Neminath Buildpro Buildcon – Environmental Clearance - [F.No.21-15/2016-IA-III]</p> <p>M/s Shree Neminath Buildpro Buildcon has proposed for construction of IT Park project at Plot No. C3, Road no. 01, Wagle Estate, Thane, Maharashtra. The plot area is 5,484 m² and total construction area is 33,570 m². The project comprises of 1 IT Building. Cost of project is Rs. Rs. 100 Crore. Configuration of building is as given below:</p> <table><tr><th>Building</th><th>Building configuration</th><th>Height of building (m)</th><th>Population (Nos.)</th></tr><tr><td>Bldg. 1.</td><td>G + 1st Mezzanine Floor + 4 P + 2 to 13 floors</td><td>73.7</td><td>1645</td></tr></table> <p>It is reported that Sanjay Gandhi National Park is located at a distance of 2 Km. Project situated at a distance of 100 m from Raila Devi Talao.</p> <p>Parking facility for 365 four wheelers and 40 two wheelers are proposed to be provided. Water requirement during construction phase, is around 15KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operational phase, total water demand of the project is expected to be 74 KLD and same will be met by fresh water from MIDC and recycled water. Wastewater generated (72 KLD) will be treated in STP of 80 KLD capacity. Treated wastewater will be recycled for flushing (49 KLD), HVAC Makeup (21 KLD). No discharge in Municipal sewer lines. About 329 kg/d solid waste will be generated in the project. The biodegradable waste (197 kg/d) will be processed in mechanical composting (Eco-biocompack) and the non-biodegradable waste generated (132 kg/d) will be handed over to authorized local vendor. E Waste generation will be 0.56 tonne /yr. The total power requirement during construction phase is 150 kVA and will be met from MSEDCL and Total power requirement during operation phase is 2 MW and will be met from MSEDCL. DG set provided will be 2 x 1250 kVA. Rooftop rainwater of building will be collected in one RWH tank of 15 m³ capacity for harvesting after filtration.</p>	Building	Building configuration	Height of building (m)	Population (Nos.)	Bldg. 1.	G + 1 st Mezzanine Floor + 4 P + 2 to 13 floors	73.7	1645
Building	Building configuration	Height of building (m)	Population (Nos.)						
Bldg. 1.	G + 1 st Mezzanine Floor + 4 P + 2 to 13 floors	73.7	1645						

	<p>After detailed deliberation, the Committee sought following additional information:</p> <ul style="list-style-type: none"> (i) Status of application of the project proposal in SEIAA, Maharashtra. (ii) Copy of application submitted for clearance from NBWL. (iii) Present landuse of the proposed project site. (iv) Building sanction plan. (v) Commitment that shops and other establishments in residential blocks with have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks (vi) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished. (vii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway. (viii) Details of source of water supply alongwith permission to be submitted. (ix) Excess treated sewage disposal plan/scheme to be submitted. (x) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation. (xi) Assessment of ground level concentration of air pollutants due to DG set (2 x1250 KVA). (xii) Effort shall be made to reduce capacity of DG set upto 1x1250 KVA and remaining standby power shall be met from solar energy. (xiii) Treatment scheme for sewage and its recycling mode. (xiv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed. (xv) Calculation on sizing of solar water heating systems to be furnished. (xvi) At least 2 solar powered lights and one fan shall be provided in each flat. Solar generation shall be connected to the grid. (xvii) Solid waste management plan alongwith area earmarked for solid waste management scheme. (xviii) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting. (xix) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal. (xx) Layout plan indicating Greenbelt alongwith area earmarked to be provided. <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
11.2.18.	<p>Proposed Residential Cum Commercial Development at Plot bearing S No. 29/1, 30/1, 2, 3A of Village Ghodbunder, (Within the limits of Mira Bhayander Municipal Corporation) Mira Road (E), District Thane, Maharashtra by M/s. Umiya Developers – Environmental Clearance - [F.No.21-13/2016-IA-III]</p> <p>M/s. Umiya Developers has proposed for construction of residential cum commercial project at Plot bearing S No. 29/1, 30/1, 2, 3A of Village Ghodbunder, (Within the limits of Mira Bhayander Municipal Corporation) Mira Road (E), District Thane, Maharashtra. The plot area is 14,950 m² and total built-up area is 49,571.11 m². The project comprises of 3 residential</p>

buildings having 584 tenements and 1 Affordable housing building having 181 tenements. Cost of project is Rs. 124 Crore. Configuration of building is as given below:

No	Building Details	Building Configuration	No. of Tenements	Population
1.	Bldg no. 1	ST+ 22 nd FLR.	584 flats	2920
2.	Bldg no. 2	ST+ 22 nd FLR.		
3.	Bldg no. 3	ST+ 21 st FLR.		
4.	Affordable Bldg No. 1	Gr. (pt)+13 th FLR (pt)	181 flats 30 shops 30 offices 1 balwadi 1 welfare hall 1 managers office	1090
5.	Total			4010

Parking facility for 221 four wheelers and 250 two wheelers are proposed to be provided against the requirement of 218 four wheelers(as per local norms).

During construction phase, total water requirement is expected to be 50 KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operational phase, total water demand of the project is expected to be 525 KLD and same will be met by fresh water from MBMC and recycled water. Wastewater generated (490 KLD) will be treated in STP of 500 KLD capacity. 178 KLD of treated wastewater will be recycled for flushing. About 295 KLD will be discharged in Municipal sewer lines. About 1,949 kg/d solid waste will be generated in the project. The biodegradable waste (1,170 kg/d) will be processed in mechanical composting (Eco-biocompack) and the non-biodegradable waste generated (779 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 250 kVA and will be met from MSEDCL and Total power requirement during operation phase is 3.0 MW (Demand Load)and will be met from MSEDCL. Rooftop rainwater of building will be collected in four RWH tanks of total 120 m³ capacity for harvesting after filtration.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL.
- (iii) Present landuse of the proposed project site.
- (iv) Building sanction plan.
- (v) Commitment that shops and other establishments in residential blocks will have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (vi) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste

	<p>handling area, rain water harvesting structure, etc. in different colour to be furnished.</p> <p>(vii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.</p> <p>(viii) Details of source of water supply alongwith permission to be submitted.</p> <p>(ix) Excess treated sewage disposal plan/scheme to be submitted.</p> <p>(x) Assessment of ground level concentration of pollutants due to DG set (800 KVA).</p> <p>(xi) Effort shall be made to reduce capacity of DG set upto 500 KVA and remaining standby power shall be met from solar energy.</p> <p>(xii) Treatment scheme for sewage and its recycling mode.</p> <p>(xiii) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.</p> <p>(xiv) Calculation on sizing of solar water heating systems to be furnished.</p> <p>(xv) Details on solar lighting for common areas as well as for two light and one fan in each flat to be provided.</p> <p>(xvi) Solid waste management plan alongwith area earmarked for solid waste management scheme.</p> <p>(xvii) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xviii) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(xix) Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
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Friday, 25th November, 2016

11.3.1.

Development of Shipyard cum Captive jetties including a LNG Terminal at Nana Layja, Kutch district, Gujarat by M/s Gujarat Integrated Maritime Complex Pvt. Ltd. – Environmental and CRZ Clearance – [F.No.11-87/2011-IA-III]

The project authorities and their consultant (M/s L &T Infra Engineering) gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken as per Draft Terms of References (TORs) awarded during the 127th Meeting of the Expert Appraisal Committee (Infrastructure) held during 28th - 30th October, 2013 for preparation of EIA-EMP report. All the projects related to Ports and Harbour i.e. ≥ 5 million TPA of cargo handling capacity (excluding fishing harbours) are listed at 7 (e) of schedule of EIA Notification, 2006 covered under category ‘A’ and appraised at central level.

M/s Gujarat Integrated Maritime Complex Pvt. Ltd. has proposed for setting up of Shipyard Cum Captive Jetties including LNG terminal at Nana Layja, Kutch District, Gujarat. Following facilities will be provided:

(i) Ship repair – 309 ships /annum

Vessels	No. of vessels	Dry Berths	Wet Berths	Launching Facility	Others
Small	109	3	9	1 Ship lift 20,000 t	Workshop, buildings,
Handy	141	4	12		

size/Handy max				capacity	Utilities, internal roads, etc.
Panamax	309	9	27		

(ii) Ship building (20 nos. of ship /annum)

10small vessels	2 Dry Berths	Alongwith associated workshops & Buildings, internal roads, utilities etc.
10 Handy Max Vessels	2 Semi Tendem Dry Docks	

(iii) Captive Jetties

- Coal – 2 berths – 17 MTPA (700 m length); (-) 20.2 m CD.
- Multipurpose Cargo- 1 Berth – 3 MTPA (275 m length) (-) 13 m CD.
- LNG Berth – I No. 5 MTPA (370 m length) (-) 14.6 CD.
- Storage for coal/general cargo.

(iv) LNG Terminal

- Storage and Regasification Facility- 5 MTPA.
- Two tanks : 1,60,000 m³.
- Regasification Technology : Indirect Ambient Air Vaporization Technology.

(v) Breakwater :- West -3330m and East-1925 m.

(vi) Approach Channel :

- South; South-East Orientation
- 8100 m length; width : 275-325m (Channel width Harbour entrance till the 14 m contour (i.e. 2900 m) shall be made 325 m.
- Dredge Depth in Approach Channel : - 19.4 M CD.
- Turning Circle
- Turning Circle : 600 m; (-) 17.6 m CD.

(vii) Dredging, Reclamation, Disposal :

- 22.0 MCM (Capital Dredging)
- 2.0 MCM /Year (Maintenance Dredging)
- 18.7 MCM (Reclamation material will be sourced from dredged material)
- 5.3 MCM disposed at offshore area.

It is reported that no national park/wildlife sanctuaries are located at a distance of 10 km. waterbodies namely Vengadi Nadi (0.7 km, West), Kharod River2 (0.3 km, East), Rukmavathi River (11.4 km, East) and Sai Nadi (11.5 km, West) are located within 15 km distance. Dhuva Reserve Forest is located at a distance of 10.7 km, SE. Total cost of project is Rs. 11,913 Crore. Water requirement during construction phase is 0.7 MLD and sourced from GWSSB. Water requirement from Desalination plant of SEZ during operational phase will be 4.41 MLD. Power requirement during construction phase will be 4 MW, which will be met from Gujarat State Electricity Board. Power requirement during operation phase will be 77.5 MW, which will be met from proposed power plants in the Mota Layja SEZ.

Gujarat Coastal Zone Management Authority vide letter no. ENV-10-2015-152-E (T Cell) dated 29th June, 2016 has recommended the above mentioned proposal to MoEF&CC under the provisions of the CRZ Notification, 2011. It was noted that CRZ map prepared by NIO, Visakhapatnam alongwith demarcation of HTL, LTL and CRZ boundary and superimposition of the proposed activities on CRZ map. The area of development falls within CRZ I(A), I (B), III and CRZ – IV, category as per the provisions of the CRZ Notification, 2011, which requires water front and is a permissible activity in CRZ area. It is reported that the project site is located at very

good beach and there is presence of good sand dunes. Nana Layja coast is a sea turtle nesting ground. Therefore, the Committee suggested them to submit detailed sand dune and turtle conservation plan in consultation with the Wildlife Department of the State Government.

The Committee deliberated upon the issues raised during the Public Hearing / Public Consultation meeting conducted by the Gujarat Pollution Control Board on 12.12.2014

After detailed deliberation, the Committee sought following additional information:

- (i) As per page 2-3 of EIA report, it is mentioned that project was falling in forest land. Pl. give the status of stage -1 forest clearance.
- (ii) Fix the land for the proposed activity and give details of Survey nos. of land.
- (iii) Submit a declaration (if applicable) that any changes that were made in the layout were a result of the recommendations made in the Public hearing report and the recommendations of the Gujarat CZMA.
- (iv) Give the impact of temperature differences on the ecology of the impact zone at sea.
- (v) Conservation plan for sand dune and turtle to be prepared in consultation with the Wildlife Department of the State Government.
- (vi) Details of the air pollution control measures to be undertaken for the coal handling berth and well as bulk cargo handling berth.
- (vii) It was noted that ground level concentration of particulate matter seems to be in higher side. Therefore, reduce the ground level concentration of particulate matter by taking various onsite air pollution control measures. Kindly furnish the details.
- (viii) Layout map of greenbelt proposed around the coal handling berth and bulk cargo berth.
- (ix) Coordinates of the dumping ground of dredged materials to be furnished.
- (x) Measures to be taken to minimize the impact of dredging and dumping of dredge material on the nearby protected areas.
- (xi) Details of hazardous wastes generated from the proposed ship building and repair units and its management plan as per the provisions of the Hazardous Waste Management rules.
- (xii) Quantity of wastewater generation from the ship building /repair units and its management and disposal plan to be submitted.
- (xiii) Onsite and off site disaster management plan.
- (xiv) Issues raised during public hearing and commitments made by the project proponent in the form of tabular chart with financial budget for complying with the commitments made.
- (xv) A detailed marine diversity conservation management plan based on possible environmental impacts shall be drawn up and implemented as suggested by the National Institute of Oceanography or any other institute on marine ecology. The plan should include the management of marine and intertidal biotopes, corals and coral communities, sea grasses and sea weeds, subtidal habitats, fishes, other marine flora and fauna(Micro, macro and mega) including turtles, birds and marine mammals as also productivity.
- (xvi) The proponents were advised to respond parawise to the comments from Mr. Debi Goenka, as forwarded to the committee members by the project proponents.

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

11.3.2. Proposed Residential Cum Commercial Development At Plot Bearing S. No. 105/3a, 105/3b, S.No.-105/4, S.No.227/1, S.No.227/2a/1 At Village Kavesar, Taluka & District Thane, Maharashtra by M/S Heer Realtors – Environmental Clearance - [F.No.21-14/2016-IA-III]

M/S Heer Realtors has proposed for construction of Residential Cum Commercial building at Plot Bearing S. No. 105/3a, 105/3b, S.No.-105/4, S.No.227/1, S.No.227/2a/1, Thane Municipal Corporation, Village Kavesar, Taluka and District Thane, Maharashtra. The plot area is **16,730.00 m²** and total construction area is **40,363.28 m²**. Building configuration is as given below:

Sr. No.	Building Details Type	Building Configuration	No. Of Flats (Nos)
1	Building A with MHADA Component (Type A)	B+G/STILT+29F	280
2	Building B (Type B)	B+STILT+29F	111
3	Building C (Commercial building) (Type C)	G+ Mezz	1073.61 m ²
4.	Row House	G + 1	3
Total			394

It is reported that Sanjay Gandhi National Park is located at a distance of 1.2 Km. Thane creek is at a distance of 1.1 km.

Parking facility for 480 four wheelers and 450 two wheelers are proposed to be provided against. During construction phase, total water requirement is expected to be 40 KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operational phase, total water demand of the project is expected to be 272 KLD and same will be met by fresh water from TMC and recycled water. Wastewater generated (254 KLD) uses will be treated in STP of 270 KLD capacity. 93 KLD of treated wastewater will be recycled for flushing. About 148 KLD will be discharged in Municipal sewer lines. About 1013 kg/d solid waste will be generated in the project. The biodegradable waste (608 kg/d) will be processed in mechanical composting (Ecobiocompack) and the non-biodegradable waste generated (405 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 200 kVA and will be met from MSEDCL and Total power requirement during operation phase is 1.7MW and will be met from MSEDCL. Rooftop rainwater of building will be collected in RWH tanks of total 60 m³ capacity for harvesting after filtration

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL.
- (iii) Present land use of the proposed project site.
- (iv) Building sanction plan.
- (v) Commitment that shops and other establishments in residential blocks will have to

	<p>conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.</p> <p>(vi) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.</p> <p>(vii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.</p> <p>(viii) Details of source of water supply alongwith permission to be submitted.</p> <p>(ix) Excess treated sewage disposal plan/scheme to be submitted.</p> <p>(x) Assessment of ground level concentration of pollutants due to DG set (2X250 kVA).</p> <p>(xi) Effort shall be made to reduce capacity of DG set upto 1x250 KVA and remaining standby power shall be met from solar energy.</p> <p>(xii) Treatment scheme for sewage and its recycling mode.</p> <p>(xiii) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation</p> <p>(xiv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.</p> <p>(xv) Calculation on sizing of solar water heating systems to be furnished.</p> <p>(xvi) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat</p> <p>(xvii) Solid waste management plan alongwith area earmarked for solid waste management scheme.</p> <p>(xviii) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xix) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(xx) Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>						
11.3.3.	<p>Proposed Residential Cum Commercial Project “Nicon Greenville” At S. No. 42/ Pt., 42/Pt. & 43/ Pt. At Village Vevoor, Taluka & District Palghar, Maharashtra by M/s Nicon Developers – Environmental Clearance - [F.No.21-15/2016-IA-III]</p> <p>M/s Nicon Developers has proposed for construction of Residential Cum Commercial Project “Nicon Greenville” at S. No. 42/ Pt., 42/Pt. & 43/ Pt., Village Vevoor, Taluka & District Palghar, Maharashtra. The plot area of proposed project is 42,000m². Proposed FSI area is 49,049.72 m² and total construction area is 55,954.56m². The proposed development will have total 18 nos. of building (50 Wings) with 848 tenements and 184 shops. Cost of project is Rs, 60 Crore. Out of which, Rs. 421 Lakh and Rs. 70.7 lakh/year are earmarked towards capital cost and recurring cost per annum for implementation of EMP. Building configuration is as given below:</p> <table><tr><td>Configuration</td><td>Total Tenements (Nos)</td><td>Total Population (Nos)</td></tr><tr><td></td><td></td><td></td></tr></table>	Configuration	Total Tenements (Nos)	Total Population (Nos)			
Configuration	Total Tenements (Nos)	Total Population (Nos)					

G+ 4	Flats:- 848 Shops :- 184	4,608
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It is reported that Tungareshwar Wildlife Sanctuary and Sanjay Gandhi National Park are located at a distance of 12 km & 40 km respectively. Arabian Sea is situated at a distance of 8.5 km. The Committee noted that distance of Surya Dam is not mentioned in the Form1. The Committee suggested them to furnish the information.

Parking facility for 127 four wheelers and 1208 two wheelers are proposed to be provided. During construction phase, total water requirement is expected to be 55 KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operational phase, total water demand of the project is expected to be 589 KLD and same will be met by fresh water from Palghar municipal council and recycled water. Wastewater generated (550 KLD) uses will be treated in STP of 580 KLD capacity. 202 KLD of treated wastewater will be recycled for flushing. About 319 KLD will be discharged in Municipal Council sewer lines. About 2194 kg/d solid waste will be generated in the project. The biodegradable waste (1316 kg/d) will be processed in mechanical composting (Ecobiocompack) and the non-biodegradable waste generated (878 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 250 kVA and will be met from MSEDCL and Total power requirement during operation phase is 4.8 MW and will be met from MSEDCL. Rooftop rainwater of building will be collected in RWH tanks of total 360 m³ capacity for harvesting after filtration. There are 494 trees grown at the project site. Out of which 307 trees will be cut.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL
- (iii) Present landuse of the proposed project site.
- (iv) Building sanction plan.
- (v) Google map indicating distance of Surya Dam from the project site.
- (vi) Commitment that shops and other establishments in residential blocks will have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (ix) Details of source of water supply alongwith permission to be submitted.
- (x) Excess treated sewage disposal plan/scheme to be submitted.
- (xi) Assessment of ground level concentration of pollutants due to DG set (1000 kVA).
- (xii) Effort shall be made to reduce capacity of DG set upto 500 KVA and remaining standby power shall be met from solar energy.
- (xiii) Treatment scheme for sewage and its recycling mode.
- (xiv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.
- (xv) Calculation on sizing of solar water heating systems to be furnished.
- (xvi) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat
- (xvii) Solid waste management plan alongwith area earmarked for solid waste management

	<p>scheme.</p> <p>(xviii) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xix) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(xx) Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>																					
11.3.4.	<p>Proposed Redevelopment Of Residential Buildings 2, 3, 4, 7, 8 & 9 Of Varatk Nagar at Plot bearing S. No.: 229 (pt) H. No. 01, S. No. 207 (pt) & 208 (pt) H. No. 7, Vartak Nagar, Pokhran Road No. 01, Village Majiwade, Thane (W) by M/s Shree Saibaba Grihanirmiti Pvt Ltd – Environmental Clearance - [F.No.21-16/2016-IA-III]</p> <p>M/s Shree Saibaba Grihanirmiti Pvt Ltd. has proposed for redevelopment of Residential Building no. 2, 3, 4, 7, 8 & 9 of Varatk Nagar at Plot bearing S. No.: 229 (pt) H. No. 01, S. No. 207 (pt) & 208 (pt) H. No. 7, Vartak Nagar, Pokhran Road No. 01, Village Majiwade, Tehsil & District Thane (W), Maharashtra. The plot area is 5,099.77 m² and total built-up area 49,695.32 m². The project comprise of 1 Residential Building with 3 wings (A, B, C) having 644 flats & Commercial area of 2,081.89 m² (48 shops). Cost of project is Rs. 145.65 Cr. Out of which, Rs. 121 Lakh and Rs. 27.5 lakh/year are earmarked towards capital cost and recurring cost for implementation of EMP. Configuration of building is as given below:</p> <table><tr><th>BUILDING NO.</th><th>WINGS</th><th>BUILDING CONFIGURATION</th><th>FLATS (Nos.)</th><th>Population (Nos)</th></tr><tr><td rowspan="3">Residential Building</td><td>Wing A</td><td rowspan="3">LG+ UG +1 to 29th Upper Floors</td><td>Flats: 215 Nos Commercial Area: 671.20 m²</td><td>1,143</td></tr><tr><td>Wing B</td><td>Flats: 214 Nos Commercial Area: 773.77 m²</td><td>1,146</td></tr><tr><td>Wing C</td><td>Flats: 215 Nos Commercial Area: 636.93 m²</td><td>1,139</td></tr><tr><td colspan="4">Total Population</td><td>3,428</td></tr></table> <p>It is reported that Sanjay Gandhi National Park (yeoor side) is located at a distance of 1.3 km from the Proposed Project Site. Waterbodies namely Thane Creek (3.00 km), Upvan Lake (800 m) and Tulsi lake (4.50 km) are located within 10 km.</p> <p>Parking facility for 313four wheelers and 666 two wheelers are proposed to be provided against the requirement of 295 four wheelers and 665 two wheelers respectively. Water requirement</p>	BUILDING NO.	WINGS	BUILDING CONFIGURATION	FLATS (Nos.)	Population (Nos)	Residential Building	Wing A	LG+ UG +1 to 29 th Upper Floors	Flats: 215 Nos Commercial Area: 671.20 m ²	1,143	Wing B	Flats: 214 Nos Commercial Area: 773.77 m ²	1,146	Wing C	Flats: 215 Nos Commercial Area: 636.93 m ²	1,139	Total Population				3,428
BUILDING NO.	WINGS	BUILDING CONFIGURATION	FLATS (Nos.)	Population (Nos)																		
Residential Building	Wing A	LG+ UG +1 to 29 th Upper Floors	Flats: 215 Nos Commercial Area: 671.20 m ²	1,143																		
	Wing B		Flats: 214 Nos Commercial Area: 773.77 m ²	1,146																		
	Wing C		Flats: 215 Nos Commercial Area: 636.93 m ²	1,139																		
Total Population				3,428																		

during construction phase, is around 40 KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operational phase, total water demand of the project is expected to be 444 KLD and same will be met by fresh water from TMC and recycled water. Sullage generated (209 KLD) will be treated in Sullage Treatment Plant of 220 KLD capacity. 151 KLD of treated wastewater will be recycled for flushing. About 249 KLD of Sewage and Excess Treated Sullage will be discharged in Municipal sewer lines. The Committee suggested them to treat entire wastewater and reuse/recycle treated wastewater for flushing and horticulture. About 1,652 kg/d solid waste will be generated in the project. The biodegradable waste (991 kg/d) will be processed in mechanical composting (Eco-biocompack) and the non-biodegradable waste generated (661 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 250 kVA and will be met from MSEDCL and Total power requirement during operation phase is 2.1 MW and will be met from MSEDCL.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL
- (iii) Present land use of the proposed project site.
- (iv) Building sanction plan.
- (v) Google map indicating distance of Surya Dam from the project site.
- (vi) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (vii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (viii) Details of source of water supply along with permission to be submitted.
- (ix) Excess treated sewage disposal plan/scheme to be submitted.
- (x) Assessment of ground level concentration of pollutants due to DG set (1000 kVA).
- (xi) Effort shall be made to reduce capacity of DG set upto 500 KVA and remaining standby power shall be met from solar energy.
- (xii) Treatment scheme for sewage and its recycling mode.
- (xiii) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.
- (xiv) Calculation on sizing of solar water heating systems to be furnished.
- (xv) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat
- (xvi) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.
- (xvii) Solid waste management plan along with area earmarked for solid waste management scheme.
- (xviii) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.
- (xix) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (xx) Layout plan indicating Greenbelt along with area earmarked to be provided.

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

11.3.5.	<p>Proposed Residential Project at Plot Bearing S.Nos. 25/9, 25/10, 25/1(pt), 11, 10/2, 3, 24/4 at village Barave, Tal – Kalyan, Dist – Thane, Maharashtra by M/s SAI KRUPA BUILDERS – Environmental Clearance - [F.No.21-17/2016-IA-III]</p> <p>PP did not attend the meeting.</p>																																								
11.3.6.	<p>Proposed Residential Development With Shop Line At Gut No. 50, Plot No.2 Village: Kambalgaon, Taluka: Palghar, District: Palghar, Maharashtra by M/S Viva Patil Real Estate & M/S Dreams Realtors – Environmental Clearance - [F.No.21-18/2016-IA-III]</p> <p>M/S Viva Patil Real Estate & M/S Dreams Realtors has proposed for construction of residential building with shop line at Gut No. 50, Plot No.2, Village Kambalgaon, Taluka Palghar, District Palghar, Maharashtra. The plot area is 68,456.58 m² total construction area is 92,584.40 m². The project comprises 105 residential buildings having 2234 tenements and 942.65 m² of commercial area. Cost of project is Rs. 110 Cr. Out of which, Rs, 795 Lakh and Rs 75 Lakh/yr are earmarked towards capital cost and recurring cost per annum for implementation of EMP. Configuration of building is as given below.</p> <table><tr><th>Sr. No.</th><th>Building Type</th><th>No of buildings</th><th>Building Configuration</th><th>No. Of Flats</th></tr><tr><td>1</td><td>A</td><td>46</td><td>G(P)+STILT(P)+4</td><td>828</td></tr><tr><td>2</td><td>A1</td><td>3</td><td>G(P)+STILT(P)+4</td><td>48</td></tr><tr><td>3</td><td>B</td><td>20</td><td>G(P)+STILT(P)+4</td><td>380</td></tr><tr><td>4</td><td>C</td><td>29</td><td>G(P)+STILT(P)+4</td><td>812</td></tr><tr><td>5</td><td>C1</td><td>5</td><td>G(P)+STILT(P)+4</td><td>130</td></tr><tr><td>6</td><td>D</td><td>2</td><td>Gr+4</td><td>36</td></tr><tr><td colspan="2">Total</td><td>105</td><td></td><td>2234</td></tr></table> <p>As per form1, protected area, ecological sensitive areas and waterbodies are located within 15 km distance from the project sites but PP did not mention the details of the same. The Committee suggested them to furnish the details alongwith distance.</p> <p>Parking facility for 9 four wheelers, 2820 two wheelers and 2820 cycles are proposed. Water requirement during construction phase, is around 90 KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste</p>	Sr. No.	Building Type	No of buildings	Building Configuration	No. Of Flats	1	A	46	G(P)+STILT(P)+4	828	2	A1	3	G(P)+STILT(P)+4	48	3	B	20	G(P)+STILT(P)+4	380	4	C	29	G(P)+STILT(P)+4	812	5	C1	5	G(P)+STILT(P)+4	130	6	D	2	Gr+4	36	Total		105		2234
Sr. No.	Building Type	No of buildings	Building Configuration	No. Of Flats																																					
1	A	46	G(P)+STILT(P)+4	828																																					
2	A1	3	G(P)+STILT(P)+4	48																																					
3	B	20	G(P)+STILT(P)+4	380																																					
4	C	29	G(P)+STILT(P)+4	812																																					
5	C1	5	G(P)+STILT(P)+4	130																																					
6	D	2	Gr+4	36																																					
Total		105		2234																																					

water. During operational phase, total water demand of the project is expected to be 1516 KLD and same will be met by fresh water from Maharashtra Jeevan Pradhikaran and recycled water. Wastewater generated (1416 KLD) will be treated in STP of 1500 KLD capacity. 508 KLD of treated wastewater will be recycled for flushing. About 861 KLD will be discharged in Municipal sewer lines. About 5,623 kg/d solid waste will be generated in the project. The biodegradable waste (3,374 kg/d) will be processed in mechanical composting (Ecobiocompack) and the non-biodegradable waste generated (2,249 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 250 kVA and will be met from MSEDCL and Total power requirement during operation phase is 6 MW (Demand Load) and will be met from MSEDCL. Rooftop rainwater of building will be collected in four RWH tank of total 740 m³ capacity for harvesting after filtration.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL
- (iii) Present land use of the proposed project site.
- (iv) Building sanction plan.
- (v) As per form 1, protected area, ecological sensitive areas and waterbodies are located within 15 km distance from the project sites. PI furnish details of protective area and ecological sensitive area. .
- (vi) Commitment that shops and other establishments in residential blocks will have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (ix) Details of source of water supply along with permission to be submitted.
- (x) Excess treated sewage disposal plan/scheme to be submitted.
- (xi) Assessment of ground level concentration of pollutants due to DG set (1500 kVA).
- (xii) Effort shall be made to reduce capacity of DG set upto 750 KVA and remaining standby power shall be met from solar energy.
- (xiii) Treatment scheme for sewage and its recycling mode.
- (xiv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.
- (xv) Calculation on sizing of solar water heating systems to be furnished.
- (xvi) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat
- (xvii) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.
- (xviii) Solid waste management plan along with area earmarked for solid waste management scheme.
- (xix) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.
- (xx) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.

	<p>(xxi) Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>																																																												
11.3.7.	<p>Proposed Residential Project “MAHAVEER SQUARE” at Plot Bearing S. Nos. 59A/2A, 59A/16A/1/1 of Village Chitalsar-Manpada, Tal – Dist – Thane, Maharashtra by Thane Squarefeet Lifestyles LLP – Environmental Clearance - [F.No.21-19/2016-IA-III]</p> <p>The project proponent did not attend the meeting.</p>																																																												
11.3.8.	<p>Residential cum Commercial Project at Plot bearing S. No. 46, H. No. 1, 2, 3P/2, 3P/3, S. No. 47, H. No. 1P, 1P/2, 1P/3, 1P/4, 2P, 3P/2, 5P/1, 5P/2, S. No. 58, H. No. 5P, H. No. 5P Of Village Bhadvad and S. No. 121, S. No. 122, H. No. 1, S. No. 128, H. No. 1 of Village Temghar, Taluka-Bhiwandi, Dist.- Thane, Maharashtra by M/s ACCURA SERENITY INFRA LLP – Environmental Clearance - [F.No.21-21/2016-IA-III]</p> <p>M/s Accura Serenity Infra LLP has proposed for construction of Residential cum Commercial Project at Plot bearing S. No. 46, H. No. 1, 2, 3P/2, 3P/3, S. No. 47, H. No. 1P, 1P/2, 1P/3, 1P/4, 2P, 3P/2, 5P/1, 5P/2, S. No. 58, H. No. 5P, H. No. 5P Of Village Bhadvad and S. No. 121, S. No. 122, H. No. 1, S. No. 128, H. No. 1 of Village Temghar, Taluka Bhiwandi, District Thane, Maharashtra. The plot area is 67,990.00 m² and total construction area is 98,772.70 m². The project comprise of 9 residential Buildings (G+14th floor) and 1 commercial building (G+7th floor). Cost of project is Rs.118.70Cr. Out of which, Rs. 465 Lakh and Rs. 78 lakh/year are earmarked towards capital cost and recurring cost per annum for implementation of EMP.</p> <table><tr><th>Sr. No</th><th>Building Type</th><th>Building configuration</th><th>Flats/ Buildings</th><th>Total Population</th></tr><tr><td></td><td>RESIDENTIAL</td><td></td><td></td><td></td></tr><tr><td>1)</td><td>A1</td><td>STILT +14</td><td>108</td><td>540</td></tr><tr><td>2)</td><td>A2</td><td>STILT +14</td><td>108</td><td>540</td></tr><tr><td>3)</td><td>A3</td><td>STILT +14</td><td>54</td><td>270</td></tr><tr><td>4)</td><td>A4</td><td>STILT +14</td><td>108</td><td>540</td></tr><tr><td>5)</td><td>A5</td><td>STILT +14</td><td>148</td><td>740</td></tr><tr><td>6)</td><td>A6</td><td>STILT +14</td><td>108</td><td>540</td></tr><tr><td>7)</td><td>B1</td><td>STILT +14</td><td>108</td><td>540</td></tr><tr><td>8)</td><td>B2</td><td>STILT +14</td><td>162</td><td>810</td></tr><tr><td>9)</td><td>D1</td><td>STILT +14</td><td>26</td><td>130</td></tr><tr><td colspan="3">TOTAL</td><td>930</td><td>4,650</td></tr></table>	Sr. No	Building Type	Building configuration	Flats/ Buildings	Total Population		RESIDENTIAL				1)	A1	STILT +14	108	540	2)	A2	STILT +14	108	540	3)	A3	STILT +14	54	270	4)	A4	STILT +14	108	540	5)	A5	STILT +14	148	740	6)	A6	STILT +14	108	540	7)	B1	STILT +14	108	540	8)	B2	STILT +14	162	810	9)	D1	STILT +14	26	130	TOTAL			930	4,650
Sr. No	Building Type	Building configuration	Flats/ Buildings	Total Population																																																									
	RESIDENTIAL																																																												
1)	A1	STILT +14	108	540																																																									
2)	A2	STILT +14	108	540																																																									
3)	A3	STILT +14	54	270																																																									
4)	A4	STILT +14	108	540																																																									
5)	A5	STILT +14	148	740																																																									
6)	A6	STILT +14	108	540																																																									
7)	B1	STILT +14	108	540																																																									
8)	B2	STILT +14	162	810																																																									
9)	D1	STILT +14	26	130																																																									
TOTAL			930	4,650																																																									

	COMMERCIAL		Total No. Of Shops	
1)	SHOPS	STILT +7	112	336
2)	THEATRE		3	612
3)	Other Utility Area		1762.22 m ²	176
TOTAL				1,124

It is reported that Sanjay Gandhi National Park, Borivali is located at a distance of 13 km. Project site is located at a distance of 2.3 km from Ulhas River.

Water requirement during construction phase, is around 150KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operational phase, total water demand of the project is expected to be 655 KLD and same will be met by fresh water from BNCMC and recycled water. Wastewater generated (612 KLD) will be treated in STP of 630 KLD capacity. 223 KLD of treated wastewater will be recycled for flushing. About 328 KLD will be discharged in Municipal sewer lines. About 2,550 kg/d solid waste will be generated in the project. The biodegradable waste (1,530 kg/d) will be processed in mechanical composting (Eco-biocompack) and the non-biodegradable waste generated (1,020 kg/d) will be handed over to authorized local vendor. The total power requirement during construction phase is 500 kVA and will be met from MSEDCCL and Total power requirement during operation phase is 5.1 MW and will be met from MSEDCCL. Rooftop rainwater of building will be collected in 7 RWH tank of total 400 m³ capacity for harvesting after filtration.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL
- (iii) Present land use of the proposed project site.
- (iv) Building sanction plan.
- (v) As per form 1, protected area, ecological sensitive areas and waterbodies are located within 15 km distance from the project sites. PI furnish details of protective area and ecological sensitive area.
- (vi) Commitment that shops and other establishments in residential blocks will have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (ix) Details of source of water supply along with permission to be submitted.
- (x) Excess treated sewage disposal plan/scheme to be submitted.
- (xi) Assessment of ground level concentration of pollutants due to DG set (4x500 kVA).
- (xii) Effort shall be made to reduce capacity of DG set upto 2x500 KVA and remaining standby power shall be met from solar energy.
- (xiii) Treatment scheme for sewage and its recycling mode.
- (xiv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected

	<p>rain water to be detailed.</p> <p>(xv) Calculation on sizing of solar water heating systems to be furnished.</p> <p>(xvi) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat</p> <p>(xvii) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.</p> <p>(xviii) Solid waste management plan alongwith area earmarked for solid waste management scheme.</p> <p>(xix) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xx) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(xxi) Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
11.3.9.	<p>Proposed Residential and Commercial Project At Plot Bearing Survey No. 86/1, 86/2, 86/3 (Pt), 86/4 (Pt), 86/5 (Pt), 115/1 (Pt), 115/2 (Pt), 115/3 (Pt), 115/4 (Pt), 115/5 (Pt), 115/6 (Pt), 115/7 (Pt), 115/9 (Pt), 116/1, 116/2, 116/3, 116/4, 116/5, 116/6, 117/1, 117/2, 117/3, 117/4, 117/5, 117/6, 117/7, 117/8, 117/9, 117/10, & 117/11 At Village Panchpakhadi, Pokhran Road No.1, Thane (W), Maharashtra by M/S J.K. Investo Trade (India) Ltd – Environmental Clearance - [F.No.21-22/2016-IA-III]</p> <p>M/S J.K. Investo Trade (India) Ltd. has proposed for construction of residential and commercial building at Plot Bearing Survey No. 86/1, 86/2, 86/3 (Pt), 86/4 (Pt), 86/5 (Pt), 115/1 (Pt), 115/2 (Pt), 115/3 (Pt), 115/4 (Pt), 115/5 (Pt), 115/6 (Pt), 115/7 (Pt), 115/9 (Pt), 116/1, 116/2, 116/3, 116/4, 116/5, 116/6, 117/1, 117/2, 117/3, 117/4, 117/5, 117/6, 117/7, 117/8, 117/9, 117/10, & 117/11 At Village Panchpakhadi, Pokhran Road No.1, Thane (W), Maharashtra. Total plot area is 78,310 m². Built up area is 3,17,762.26 m². Cost of project is Rs. 850 crore. Out of which Rs. 21.542 Crore and Rs. 213.4 Lakh per annum are earmarked towards capital cost and recurring cost per annum for implementation of EMP.</p> <p>It is reported that Sanjay Gandhi National Park is located at a distance of 2.5 km. Waterbodies namely, Vihar Lake (7 km), Tulsi Lake (5 km) and Ulhas River (4 km) are located within 10 km distance from the project site.</p> <p>After detailed deliberations on the proposal, the Committee <i>recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity</i> and the following TOR in addition to <i>Standard ToR</i> for preparation of EIA-EMP report:</p> <ol style="list-style-type: none"> Status of application of the project proposal in SEIAA, Maharashtra. Importance and benefits of the project. Present land use of the proposed project site. Copy of application submitted for clearance from NBWL. Copy of building sanction plan. Details of no. of floor alongwith built up area to be constructed in each block to be

	<p>furnished.</p> <ul style="list-style-type: none"> vii. Commitment that shops and other establishments in residential blocks with have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks. viii. Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished. ix. Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway. x. Details of source of water supply alongwith permission to be submitted. xi. Excess treated sewage disposal plan/scheme to be submitted. xii. Assessment of ground level concentration of pollutants due to DG set (1x850 kVA + 1x 750 kVA). xiii. Effort shall be made to reduce capacity of DG set upto 1x850 KVA and remaining standby power shall be met from solar energy. xiv. Treatment scheme for sewage and its recycling mode. xv. Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed. xvi. Calculation on sizing of solar water heating systems to be furnished. xvii. A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat xviii. A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation. xix. Solid waste management plan alongwith area earmarked for solid waste management scheme. xx. Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting. xxi. Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal. xxii. Layout plan indicating Greenbelt alongwith area earmarked to be provided <p>It was recommended that 'TORs' prescribed by the Expert Appraisal Committee (Infrastructure-2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006.</p>				
11.3.10	<p>Residential and commercial development at Delta-2 at Plot No. -2, Sector- 8, Ulwe, Navi Mumbai, District: Raigad, Maharashtra by M/s. Midtown Holding Leasing and Properties Pvt. Ltd – Environmental Clearance - [F.No.21-41/2016-IA-III]</p> <p>M/s. Midtown Holding Leasing and Properties Pvt. Ltd. has proposed for construction of Residential and commercial building at Delta-2 at Plot No. -2, Sector- 8, Ulwe, Navi Mumbai, District Raigad, Maharashtra. Plot area is 9599.48 m². Built up area of building is 37,871.269 m². Cost of project is Rs. 95 Crore. During presentation, PP informed that they have applied for amendment in environmental clearance letter dated 31st May, 2014. The Committee noted that there is following change in configuration of the building.</p> <table border="1"> <tr> <td>As per EC dated 31st May, 2014</td><td>Details proposed as per revised plans</td></tr> <tr> <td>1 Building with 4 wings</td><td>1 Building with 5 wings : G +</td></tr> </table>	As per EC dated 31 st May, 2014	Details proposed as per revised plans	1 Building with 4 wings	1 Building with 5 wings : G +
As per EC dated 31 st May, 2014	Details proposed as per revised plans				
1 Building with 4 wings	1 Building with 5 wings : G +				

ST + 2P + 3 rd -14 th Floor	2 Podium + 12 upper Floors
Flats 254 Nos.	Flats 242 Nos.
--	33 No. shops

Therefore, the Committee suggested them that proposed project will be treated as fresh project as there is variation in the building configuration.

It is reported that no eco-sensitive area /national park/wildlife sanctuary are located within 10 km distance. Panvel Creek is located at a distance of 8.4 km.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL
- (iii) Present landuse of the proposed project site.
- (iv) Building sanction plan.
- (v) Construction status of the proposed building.
- (vi) Commitment that shops and other establishments in residential blocks with have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (ix) Details of source of water supply alongwith permission to be submitted.
- (x) Water balance chart.
- (xi) Proposed scheme for treatment of sewage.
- (xii) Excess treated sewage disposal plan/scheme to be submitted.
- (xiii) Assessment of ground level concentration of pollutants due to DG set (4x500 kVA).
- (xiv) Effort shall be made to reduce capacity of DG set upto 2x500 KVA and remaining standby power shall be met from solar energy.
- (xv) Treatment scheme for sewage and its recycling mode.
- (xvi) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.
- (xvii) Calculation on sizing of solar water heating systems to be furnished.
- (xviii) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat
- (xix) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.
- (xx) Solid waste management plan alongwith area earmarked for solid waste management scheme.
- (xxi) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.
- (xxii) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (xxiii) Layout plan indicating Greenbelt alongwith area earmarked to be provided.

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

11.3.11	<p>Juhi Serenity Residential and Commercial development at Plot No. 24, Sector- 8, Ghansoli, Navi Mumbai, Maharashtra by M/s Bhumika Developers– Environmental Clearance - [F.No.21-43/2016-IA-III]</p> <p>M/s Bhumika Developers has proposed for construction of Residential and Commercial building at Plot No. 24, Sector- 8, Ghansoli, Navi Mumbai, Maharashtra. Total plot area is 4812.00 m². Built up area is 22585.998 m². Cost of project is Rs. 98.65 crore. Building configuration is as given below:</p> <table border="1" data-bbox="255 607 1094 815"> <thead> <tr> <th>Configuration</th><th>Height</th></tr> </thead> <tbody> <tr> <td>1 Building + 3 Podium + 23 Floors + 158 Flats + 12 Shops + 2 Offices</td><td>88.00 M</td></tr> <tr> <td>1 MHADA Building + 29 Flats</td><td>40.00 M</td></tr> </tbody> </table> <p>It is reported that no protected areas/ national park/ wildlife sanctuary/ water bodies within 10 km distance.</p> <p>After detailed deliberation, the Committee sought following additional information:</p> <ul style="list-style-type: none"> (i) Status of application of the project proposal in SEIAA, Maharashtra. (ii) Copy of application submitted for clearance from NBWL (iii) Present landuse of the proposed project site. (iv) Building sanction plan. (v) Construction status of the proposed building. (vi) Commitment that shops and other establishments in residential blocks with have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks. (vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished. (viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway. (ix) Details of source of water supply alongwith permission to be submitted. (x) Water balance chart. (xi) Proposed scheme for treatment of sewage. (xii) Excess treated sewage disposal plan/scheme to be submitted. (xiii) Assessment of ground level concentration of pollutants due to DG set (4x500 kVA). (xiv) Effort shall be made to reduce capacity of DG set upto 2x500 KVA and remaining standby power shall be met from solar energy. (xv) Treatment scheme for sewage and its recycling mode. (xvi) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed. (xvii) Calculation on sizing of solar water heating systems to be furnished. (xviii) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat (xix) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation. (xx) Solid waste management plan alongwith area earmarked for solid waste management scheme. 	Configuration	Height	1 Building + 3 Podium + 23 Floors + 158 Flats + 12 Shops + 2 Offices	88.00 M	1 MHADA Building + 29 Flats	40.00 M
Configuration	Height						
1 Building + 3 Podium + 23 Floors + 158 Flats + 12 Shops + 2 Offices	88.00 M						
1 MHADA Building + 29 Flats	40.00 M						

	<p>(xxi) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xxii) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(xxiii) Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>						
11.3.12	<p>Proposed Residential cum Commercial Project With SRA Scheme at Plot bearing S.No.194 (p); CTS no. 374 (p), 375, 375/1, 376, 376/1 to 14, 377, 377/1 to 11, 378, 378/1 to 4, 379, 379/1 to 11, 380, 380/1 to 11, 381, 381/1 to 10, 382, 382/1 to 21, 383, 383/1 to 2, 384, 384/1, 385, 387,388, 391, 391/1 to 10 of Village Kanjur, Bhandup West, Tal. Kurla, Mumbai by M/s Shraddha Landmark Pvt. Ltd. – Environmental Clearance - [F.No.21-42/2016-IA-III]</p> <p>M/s Shraddha Landmark Pvt. Ltd. has proposed for construction of Residential Cum Commercial building at Plot bearing S.No.194 (p); CTS no. 374 (p), 375, 375/1, 376, 376/1 to 14, 377, 377/1 to 11, 378, 378/1 to 4, 379, 379/1 to 11, 380, 380/1 to 11, 381, 381/1 to 10, 382, 382/1 to 21, 383, 383/1 to 2, 384, 384/1, 385, 387,388, 391, 391/1 to 10 of Village Kanjur, Bhandup West, Taluka Kurla, Mumbai, Maharashtra. Total Plot area is 4812.00 m². Total built up area is 22585.998 m². Building configuration is as given below:</p> <table border="1"> <thead> <tr> <th>Configuration</th><th>Height</th></tr> </thead> <tbody> <tr> <td>1 Building + 3 Podium + 23 Floors + 158 Flats + 12 Shops + 2 Offices</td><td>88.00 M</td></tr> <tr> <td>1 MHADA Building + 29 Flats</td><td>40.00 M</td></tr> </tbody> </table> <p>It is reported that no protected areas/ national park/ wildlife sanctuary/ water bodies within 10 km distance.</p> <p>After detailed deliberation, the Committee sought following additional information:</p> <ul style="list-style-type: none"> (i) Status of application of the project proposal in SEIAA, Maharashtra. (ii) Copy of application submitted for clearance from NBWL (iii) Present landuse of the proposed project site. (iv) Building sanction plan. (v) Construction status of the proposed building. (vi) Commitment that shops and other establishments in residential blocks with have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks. (vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished. (viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway. (ix) Details of source of water supply alongwith permission to be submitted. 	Configuration	Height	1 Building + 3 Podium + 23 Floors + 158 Flats + 12 Shops + 2 Offices	88.00 M	1 MHADA Building + 29 Flats	40.00 M
Configuration	Height						
1 Building + 3 Podium + 23 Floors + 158 Flats + 12 Shops + 2 Offices	88.00 M						
1 MHADA Building + 29 Flats	40.00 M						

- (x) Water balance chart.
- (xi) Proposed scheme for treatment of sewage.
- (xii) Excess treated sewage disposal plan/scheme to be submitted.
- (xiii) Assessment of ground level concentration of pollutants due to DG set (4x500 kVA).
- (xiv) Effort shall be made to reduce capacity of DG set upto 2x500 KVA and remaining standby power shall be met from solar energy.
- (xv) Treatment scheme for sewage and its recycling mode.
- (xvi) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.
- (xvii) Calculation on sizing of solar water heating systems to be furnished.
- (xviii) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat
- (xix) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.
- (xx) Solid waste management plan alongwith area earmarked for solid waste management scheme.
- (xxi) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.
- (xxii) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (xxiii) Layout plan indicating Greenbelt alongwith area earmarked to be provided

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

11.3.13. Amendment and Expansion of Proposed Residential Project AT Plot Bearing S. Nos. 147/3, 147/5, 148-1A, 148-1B, 148-1C, S. Nos. 138/2 & 138/8A, 159, 160, S. Nos. 153/33A, 153/33C, 149-1C & 149-1D at Village Agasan, Thane M/s Anantnath Developers – Environmental Clearance - [F.No.21-23/2016-IA-III]

M/s Anantnath Developers has proposed for amendment in environmental clearance and expansion of proposed residential project at Plot Bearing S. Nos. 147/3, 147/5, 148-1A, 148-1B, 148-1C, S. Nos. 138/2 & 138/8A, 159, 160, S. Nos. 153/33A, 153/33C, 149-1C & 149-1D at Village Agasan, Thane, Maharashtra. MoEF&CC vide letter no. 2 1-119/2014-IA.III dated 3rd March, 2015 has issued environmental clearance to Anantnath Developers for construction of residential project. Now, PP informed that there is change in the scope of project, which is as given below:

	Area Details Earlier EC	Proposed
Total Plot Area (m2)	23,070 m ²	23,400 m ²
Built-up Area Details	77,712.36 m²	92,219.54 m²

Therefore, the Committee suggested them that proposed project will be treated as fresh project as there is variation in the scope of the project and building configuration.

	<p>It is reported that no protected areas/ national park/ wildlife sanctuary/ water bodies within 10 km distance.</p> <p>After detailed deliberation, the Committee sought following additional information:</p> <ul style="list-style-type: none"> (i) Certified compliance report from the Regional Office, Nagpur for the environmental conditions stipulated in the existing EC. (ii) Status of application of the project proposal in SEIAA, Maharashtra. (iii) Copy of application submitted for clearance from NBWL (iv) Present landuse of the proposed project site. (v) Building sanction plan. (vi) Construction status of the proposed building. (vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished. (viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway. (ix) Details of source of water supply alongwith permission to be submitted. (x) Water balance chart. (xi) Proposed scheme for treatment of sewage. (xii) Excess treated sewage disposal plan/scheme to be submitted. (xiii) Assessment of ground level concentration of pollutants due to DG set (1330 kVA). (xiv) Effort shall be made to reduce capacity of DG set upto 1x650 KVA and remaining standby power shall be met from solar energy. (xv) Treatment scheme for sewage and its recycling mode. (xvi) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed. (xvii) Calculation on sizing of solar water heating systems to be furnished. (xviii) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat (xix) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation. (xx) Solid waste management plan alongwith area earmarked for solid waste management scheme. (xxi) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting. (xxii) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal. (xxiii) Layout plan indicating Greenbelt alongwith area earmarked to be provided. <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
11.3.14	<p>Proposed Residential Cum Commercial Building at Plot Bearing S. NO.-411/A, H.NO. -2 at Village -Bolinj, Taluka -Vasai , District Palghar by M/s Ameya Builders and Property Developers – Environmental Clearance - [F.No.21-33/2016-IA-III]</p> <p>M/s Ameya Builders and Property Developers has proposed for construction of Residential Cum Commercial Building at Plot Bearing S. NO.-411/A, H.NO. -2 at Village -Bolinj, Taluka -Vasai , District Palghar, Maharashtra. Total plot area 16190.00 sqm. Built up area is 47544.39 sqm.</p>

	<p>However, during presentation PP informed that the proposed built up area is 50,563.89 m². Therefore, the Committee suggested them to submit revised Form1 and 1A as there is variation in built up area.</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>																									
1.3.15.	<p>Proposed IT Park at S.No.20, Village Balewadi, Pune Maharashtra by M/s Balewadi Tech Park Pvt. Ltd. – Environmental Clearance - [F.No.21-34/2016-IA-III]</p> <p>M/s Balewadi Tech Park Pvt. Ltd. has proposed for construction of IT Park at S.No.20, Village Balewadi, Pune Maharashtra. Total Plot Area: 34,900.00 m². Built up area is 1,85,361.92m². The Committee noted this project falls under S. N. 8 (b) instead of 8 (a). the Committee suggested them to submit the revised form1 and 1 A. Configuration of building is as given below:</p> <table><tr><th>Sr.no</th><th>Description</th><th>Configuration</th><th>No of offices</th><th>Height (m)</th></tr><tr><td>1</td><td>Tower A</td><td>B2+B1+GR+MZ+ P+7 floor</td><td>07</td><td>38.10</td></tr><tr><td>2</td><td>Tower B</td><td>B2+B1+GR+MZ+ P+15 floor</td><td>15</td><td>69.30</td></tr><tr><td>3</td><td>Tower C</td><td>B2+B1+GR+MZ+ P+15 floor</td><td>15</td><td>69.30</td></tr><tr><td>4</td><td>Commercial/Retail</td><td>Ground</td><td>Shops:12</td><td>4.20</td></tr></table> <p>It is reported that no protected areas/ national park/ wildlife sanctuary within 10 km distance. Waterbody namely Mula river is flowing at a distance of 1.15 Km.</p> <p>After detailed deliberations on the proposal, the Committee <i>recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity</i> and the following TOR in addition to <i>Standard ToR</i> for preparation of EIA-EMP report:</p> <ol style="list-style-type: none">Status of application of the project proposal in SEIAA, Maharashtra.Copy of application submitted for clearance from NBWLImportance and benefits of the project.Present landuse of the proposed project site.Copy of building sanction plan.Details of no. of floor alongwith builtup area to be constructed in each block to be furnished.Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.Details of source of water supply alongwith permission to be submitted.Excess treated sewage disposal plan/scheme to be submitted.Assessment of ground level concentration of pollutants due to DG set (7 x 2000 KVA).Efforts shall be made to reduce capacity of DG set upto 3x2000 KVA and remaining standby power shall be met from solar energy.Treatment scheme for sewage and its recycling mode.	Sr.no	Description	Configuration	No of offices	Height (m)	1	Tower A	B2+B1+GR+MZ+ P+7 floor	07	38.10	2	Tower B	B2+B1+GR+MZ+ P+15 floor	15	69.30	3	Tower C	B2+B1+GR+MZ+ P+15 floor	15	69.30	4	Commercial/Retail	Ground	Shops:12	4.20
Sr.no	Description	Configuration	No of offices	Height (m)																						
1	Tower A	B2+B1+GR+MZ+ P+7 floor	07	38.10																						
2	Tower B	B2+B1+GR+MZ+ P+15 floor	15	69.30																						
3	Tower C	B2+B1+GR+MZ+ P+15 floor	15	69.30																						
4	Commercial/Retail	Ground	Shops:12	4.20																						

	<ul style="list-style-type: none"> xiv. Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed. xv. Calculation on sizing of solar water heating systems to be furnished. xvi. A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat xvii. A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation. xviii. Solid waste management plan alongwith area earmarked for solid waste management scheme. xix. Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting. xx. Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal. xxi. Layout plan indicating Greenbelt alongwith area earmarked to be provided. <p>It was recommended that 'TORs' prescribed by the Expert Appraisal Committee (Infrastructure-2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. TOR letter will be issued after submission of revised Form1 & IA.</p>
11.3.16.	<p>SAI WORLD EMPIRE at Village Rohinjan, Raigad, Maharashtra by M/s Paradise Superstructures – Environmental Clearance - [F.No.21-35/2016-IA-III]</p> <p>M/s Paradise Super Structures has proposed for construction of residential building at Plot Bearing S.NO.93/2+4, 93/3 ,94/1,94/2, 94/3A,94/3B, 94/4,102/1A, 102/4,102/5A/2, 102/5B,102/5C, 103/1A,103/2B,103/3, 102/1B,102/3, 103/2A,103/1B, Rohinjan, Panvel, Raigad, Maharashtra. The total built up area will be 396,768.41 sq.mt</p> <p>The Committee noted this project falls under S. N. 8 (b) instead of 8 (a). The Committee suggested them to submit the revised form1 and 1 A. The Committee noted that PP has not furnished the details of protect areas/national park/ wildlife sanctuary and water bodies within 10 km distance of project site.</p> <p>After detailed deliberations on the proposal, the Committee <i>recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity</i> and the following TOR in addition to <i>Standard ToR</i> for preparation of EIA-EMP report:</p> <ul style="list-style-type: none"> i. Status of application of the project proposal in SEIAA, Maharashtra. ii. Copy of application submitted for clearance from NBWL iii. Importance and benefits of the project. iv. Present landuse of the proposed project site. v. Copy of building sanction plan. vi. Details of no. of floor alongwithbuiltup area to be constructed in each block to be furnished. vii. Details of protect areas/national park/ wildlife sanctuary and water bodies viii. Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished. ix. Layout of parking plan indicating entry and exit points of vehicular movement as

	<p>well as traffic management plan. Highlight the fire tender pathway.</p> <p>x. Details of source of water supply alongwith permission to be submitted.</p> <p>xi. Excess treated sewage disposal plan/scheme to be submitted.</p> <p>xii. Assessment of ground level concentration of pollutants due to DG set (7 x 2000 KVA).</p> <p>xiii. Effort shall be made to reduce capacity of DG set upto 3x2000 KVA and remaining standby power shall be met from solar energy.</p> <p>xiv. Treatment scheme for sewage and its recycling mode.</p> <p>xv. Details of rain water harvesting system to be furnished. Clarity on recharge pits storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.</p> <p>xvi. Calculation on sizing of solar water heating systems to be furnished.</p> <p>xvii. A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat</p> <p>xviii. A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.</p> <p>xix. Solid waste management plan alongwith area earmarked for solid waste management scheme.</p> <p>xx. Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>xxi. Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>xxii. Layout plan indicating Greenbelt alongwith area earmarked to be provided.</p> <p>It was recommended that 'TORs' prescribed by the Expert Appraisal Committee (Infrastructure-2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. TOR letter will be issued after submission of revised Form1 & IA.</p>																																		
11.3.17	<p>Proposed Housing Scheme on Property Bearing S.No. 70 , H.No 1(Pt) &H.No 5 (Pt) , Vil-Kulgaon , Tal-Ambernath ,Dist-Thane by M/s Tharwani Infrastructure – Environmental Clearance - [F.No.21-36/2016-IA-III]</p> <p>M/s Tharwani Infrastructure has proposed for amendment and expansion of building construction project on Property Bearing at S. No. 70 , H.No 1(Pt) &H.No 5 (Pt) , Vil-Kulgaon, Taluka Ambarnath, District Thane, Maharashtra. PP informed that environmental clearance has been issued by SEIAA vide letter no. SEAC-2013/CR-408/TC-1 dated 14th December, 2015 for residential and commercial building. Now, PP has submitted the comparative statement of building details as per existing EC and Proposed project, which is as given below :</p> <table><tr><th>Sr. No</th><th>Parameter</th><th>Unit</th><th>As per EC Received dated 14-12-2015</th><th>For Proposed Amendment / Expansion</th><th>Remarks</th></tr><tr><td>1</td><td>Plot area</td><td>Sq.m.</td><td>26450.00</td><td>26450.00</td><td rowspan="3">No Change</td></tr><tr><td>2</td><td>Deductions</td><td>Sq.m.</td><td>13748.68</td><td>13748.68</td></tr><tr><td>3</td><td>Net Plot area</td><td>Sq.m.</td><td>12701.32</td><td>12701.32</td></tr><tr><td>4</td><td>FSI area</td><td>Sq.m.</td><td>22200.00</td><td>24733.64</td><td>Increased</td></tr><tr><td>5</td><td>Non FSI area</td><td>Sq.m.</td><td>13022.90</td><td>11727.83</td><td>Reduced due to</td></tr></table>	Sr. No	Parameter	Unit	As per EC Received dated 14-12-2015	For Proposed Amendment / Expansion	Remarks	1	Plot area	Sq.m.	26450.00	26450.00	No Change	2	Deductions	Sq.m.	13748.68	13748.68	3	Net Plot area	Sq.m.	12701.32	12701.32	4	FSI area	Sq.m.	22200.00	24733.64	Increased	5	Non FSI area	Sq.m.	13022.90	11727.83	Reduced due to
Sr. No	Parameter	Unit	As per EC Received dated 14-12-2015	For Proposed Amendment / Expansion	Remarks																														
1	Plot area	Sq.m.	26450.00	26450.00	No Change																														
2	Deductions	Sq.m.	13748.68	13748.68																															
3	Net Plot area	Sq.m.	12701.32	12701.32																															
4	FSI area	Sq.m.	22200.00	24733.64	Increased																														
5	Non FSI area	Sq.m.	13022.90	11727.83	Reduced due to																														

					decreased in 3 wings
6	Total Built up area (Construction area)	Sq.m.	35222.90	36461.47	Increased
7	Ground-coverage Area (%on net plot)	Sq.m.	3095(21%)	4645(36%)	Increased due to change in the building footprint
8	Project Cost	Rs.	94	105	Increased

Sr.No	Parameter	As per EC Received dated 14-12-2015	For Proposed Amendment / Expansion		Remarks
9	Wings	Configuration	Wings	Configuration	Remains same Constructed as per EC
	Wings A	G/S + 7	Wings A	G/S + 7	
	Wings B	G/S + 7	Wings B	G/S + 7	
	Wings C	G/S + 7	Wings C	G/S + 7	
	Wings D	G/S + 7	Wings D	G/S + 7	
	Wings E	G/S + 7	Wings E	G/S + 7	
	Wings F	G/S + 7	Wings F	G/S + 7	
	Wings G	G/S + 7	Wings G	G/S + 7	
	Wings H	G/S + 7	Wings H	G/S + 7	
	Wings I	G/S + 7	Wings I	G/S + 7	
	Wings J	G/S + 7	Wings J	S + 12	Addition of 5 floors with change in footprint
	Wings K	G/S + 7	Wings K	S + 12	
	Wings L	G/S + 7	Wings L	S + 12	
	Wings M	G/S + 7	Wings M	S + 12	Deletion of 3 wings (N,O,P)
	Wings N	G/S + 7	Wings N	Deleted	
	Wings O	G/S + 7	Wings O	Deleted	
	Wings P	G/S + 7	Wings P	Deleted	

Sr.No.	Parameter	Unit	As per EC Received dated 14-12-2015	Proposed Amendment / Expansion	Remarks
10	Number of tenants and shops (no's)				
	Residential Tenements	Nos,	588	570	Decreased
	Shops		25	23	Reduced by 2 nos.
	Offices		Nil	15	Addition of commercial units/area
	Commercial	Sq.m.	Nil	140	
11	No. of expected Residents (no's)				
	Residential	No's	2940	2850	Reduced due to decrease in the
	Shops /Commercial		75	129	

	Total		3015	2979	residential & commercial units
12	Height of the building (m)				
	Wings A-I		23.01	23.01	No Change
	Wings J		23.01	38.01	Increased due to decrease in population
	Wings K		23.01	38.01	
	Wings L		23.01	38.01	
	Wings M		23.01	38.01	
13	Total water requirement	KLD	408	397	Reduced due to decrease in population
14	Waste water generation	KLD	372	364	
15	STP capacity	KLD	375	380	Increased the capacity of STP
16	Total Solid waste Kg/Day	Kg/Day	Bio = 888 Non Bio=601 Total =1489	Bio = 864 Non Bio=593 Total =1457	Decreased due to decrease in population
17					
a	4 Wheelers	Nos.	33	33	No of 4 wheelers increased as per revised parking statement.

The Committee noted there is change in the scope of the project and proposed project should be treated as expansion instead of amendment. Therefore, the Committee suggested them to submit the revised form1 and 1 A.

After detailed deliberation, the Committee sought following additional information:

- (i) Revised Form1, IA and sanction plan
- (ii) Certified compliance report on the environmental conditions stipulated in the existing EC from the Regional Office, Nagpur.
- (iii) Present landuse of the proposed project site.
- (iv) Building sanction plan.
- (v) Construction status of the proposed building.
- (vi) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (vii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (viii) Details of source of water supply alongwith permission to be submitted.
- (ix) Water balance chart.
- (x) Proposed scheme for treatment of sewage.
- (xi) Excess treated sewage disposal plan/scheme to be submitted.
- (xii) Assessment of ground level concentration of pollutants due to DG set (1330 kVA).
- (xiii) Effort shall be made to reduce capacity of DG set upto 1x650 KVA and remaining standby power shall be met from solar energy.
- (xiv) Treatment scheme for sewage and its recycling mode.
- (xv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected

	<p>rain water to be detailed.</p> <p>(xvi) Calculation on sizing of solar water heating systems to be furnished.</p> <p>(xvii) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat</p> <p>(xviii) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.</p> <p>(xix) Solid waste management plan alongwith area earmarked for solid waste management scheme.</p> <p>(xx) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xxi) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>																								
11.3.18	<p>Residential Development With Convenient Shopping at Plot B,S.no 393/2B+2A/1,Village-Talegaon Dabhade Maharashtra by M/s Naiknavare Real Estate LLP – Environmental Clearance - [F.No.21-37/2016-IA-III]</p> <p>M/s Naiknavare Real Estate LLP has proposed for Residential Development with Convenient Shopping at Plot B, S. no. 393/2B+2A/1,Village-Talegaon Dabhade, Tal- Maval, District Pune, Maharashtra. Total Plot Area is 11071.35 Sq.mt. Built-up Area is 33,600.19 Sq.mt. Configuration of Building is as given below:</p> <p>Residential :</p> <table><tr><th>Type</th><th>Configuration</th><th>Tenements</th><th>Height (m)</th></tr><tr><td>A</td><td>P1+P2+12</td><td>138</td><td>38.02</td></tr><tr><td>B</td><td>P1+P2+12</td><td>138</td><td>38.02</td></tr><tr><td>C</td><td>P1+P2+12</td><td>144</td><td>39.3</td></tr></table> <p>Commercial :</p> <table><tr><th>Sr. no</th><th>Configuration</th><th>Shops</th><th>Height (m)</th></tr><tr><td>A+B</td><td>Ground</td><td>24</td><td>3</td></tr></table> <p>Parking facility for 247 Four wheelers and 508 two wheelers is proposed to be provided against the requirement of 54 and 508 respectively (according to local norms). During construction phase, total water requirement is expected to be 4KLD which will be met by water from Potable water tankers. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. During operation phase, total water requirement will be 294 m³/day. Out of which, fresh water requirement from Talegaon Dabhade Nagarparishad will be 190 m³/day and remaining water requirement (96m³/day) will be met from recycled/ treated effluent. Excess treated effluent will be discharged into existing sewer line. Sewage (257 m³/day) will be treated in the STP. Treated sewage will be recycled for flushing and horticulture purpose. Solid waste generation will be 973 kg/day. out of which, quantity of biodegradable solid waste is 601 kg/day and non-biodegradable waste is 372 kg/day. biodegradable waste will be treated in mechanized</p>	Type	Configuration	Tenements	Height (m)	A	P1+P2+12	138	38.02	B	P1+P2+12	138	38.02	C	P1+P2+12	144	39.3	Sr. no	Configuration	Shops	Height (m)	A+B	Ground	24	3
Type	Configuration	Tenements	Height (m)																						
A	P1+P2+12	138	38.02																						
B	P1+P2+12	138	38.02																						
C	P1+P2+12	144	39.3																						
Sr. no	Configuration	Shops	Height (m)																						
A+B	Ground	24	3																						

composting unit. 4 nos of recharge pits of size 2 m x 0.9 m x 2 m(1 m filter media) will be proposed. The total power requirement during construction phase is 25 KVA and will be met from MSEDCL and total power requirement during operation phase is 1200 kW and will be met from MSEDCL.

After detailed deliberation, the Committee sought following additional information:

- (i) Status of application of the project proposal in SEIAA, Maharashtra.
- (ii) Copy of application submitted for clearance from NBWL
- (iii) Present landuse of the proposed project site.
- (iv) PI confirm whether site is not located on the wet land.
- (v) Details of waterbodies located within 10 km distance to be furnished.
- (vi) Cost of project as well as capital cost and recurring cost per annum for implementing EMP to be provided.
- (vii) Commitment that shops and other establishments in residential blocks with have to conform to residential area norms in terms of noise pollution and vehicular movements and shall not create a nuisance for residents of the Blocks.
- (viii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.
- (ix) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.
- (x) Details of source of water supply alongwith permission to be submitted.
- (xi) Excess treated sewage disposal plan/scheme to be submitted.
- (xii) Assessment of ground level concentration of pollutants due to DG set (1 x 125 KVA).
- (xiii) Effort shall be made to reduce capacity of DG set and remaining standby power shall be met from solar energy.
- (xiv) Treatment scheme for sewage and its recycling mode.
- (xv) Advantage of proposed sewage treatment plant vis a vis conventional sewage treatment plant. Commitment shall be provided for meeting the design standards of treatment plant.
- (xvi) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.
- (xvii) Calculation on sizing of solar water heating systems to be furnished.
- (xviii) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat
- (xix) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.
- (xx) Solid waste management plan alongwith area earmarked for solid waste management scheme.
- (xxi) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.
- (xxii) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal

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

11.3.19

Residential Development at Bhiwandi, Thane by M/s. Tulip Land & Developers Pvt. Ltd – Environmental Clearance - [F.No.21-38/2016-IA-III]

M/s. Tulip Land & Developers Pvt. Ltd has proposed for construction of residential building at Survey no. 82, 84, 85(PT), 86, 87, 88/1, 88/2, 88/3, 88/4, 88/5, 91/4A, 91/4B, 91/4C, 92/1, near Bhadvad Talav, Village Temghar, Taluka Bhiwandi, District Thane, Maharashtra. Site is in Municipal Corporation limit of Bhiwandi-Nizampur City Municipal Corporation (BNCMC). Total plot area is 58, 570.00 m². Total built up area is 1, 28, 634.67 m². Configuration of building is as given below:

Components	Configuration	Flat Nos.
Residential: 18 Nos. of Buildings	Stilt/Ground + 14 floors	1420 nos.
Club House	Stilt/Ground + 1 floors	--
Amenity: School Building	Stilt/Ground + 3 floors	--

Details of car parking are as given below:

	Big Cars	Small Cars	Total	Two Wheelers
Open	114	119	233	152
Stilt	114	54	168	258
Total	228	173	401	410

It is reported that Sanjay Gandhi National Park is located at a distance of 12 km. Ulhas river is flowing at a distance of 3.0 km. Water bodies namely, BhadvadTalav, Kala Talav, Varaladevi Talao, Kamvadi River, KDMC bhuiwadatalav, Betawade Lake, Kalu river, Valdhuni River, Karivali Lake, Kolshet Lake, Moghachi Lake, Upvan Lake, Masunda lake, Rewale Lake, Makhmali Lake, Siddheshwar Lake, Brmahala Lake, Ambe Ghosale Lake and Jail Lake within 15 km distance. Total water requirement will be 1016 m³/day. Out of which, fresh water requirement from BNCMC will be 646 m³/day and remaining water requirement (368 m³/day) will be met from recycled/ treated effluent. Excess treated effluent will be discharged into existing sewer line. Sewage (845 m³/day) will be treated in the STP. Treated sewage will be recycled for flushing and horticulture purpose. Excavation earth material (61803 Cum) shall be reused on site for backfilling. Top Soil (10739 cum) shall be preserved and used for landscaping. Solid waste generation will be 3329 kg/day. out of which, quantity of biodegradable solid waste is 2243 kg/day and non-biodegradable waste is 986 kg/day. biodegradable waste will be treated in Organic Waste Convertor. Provision of 11 nos. of Rain Water Harvesting tanks of total capacity 205 KLD. Power requirement will be 3407 kW. DG set (6x 160KVA + 1 x 80 kVA) will be installed for emergency power supply.

After detailed deliberation, the Committee sought following additional information:

(i)

Status of application of the project proposal in SEIAA, Maharashtra.

(ii)

Copy of application submitted for clearance from NBWL

(iii)

Present landuse of the proposed project site.

	<p>(iv) PI confirm whether site is not located on the wet land.</p> <p>(v) Details of no. of floor alongwithbuiltup area to be constructed in each block to be furnished.</p> <p>(vi) Cost of project as well as capital cost and recurring cost per annum for implementing EMP to be provided.</p> <p>(vii) Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished.</p> <p>(viii) Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway.</p> <p>(ix) Details of source of water supply alongwith permission to be submitted.</p> <p>(x) Excess treated sewage disposal plan/scheme to be submitted.</p> <p>(xi) Assessment of ground level concentration of pollutants due to DG set (6 x 160 KVA + 1 x 80 kVA).</p> <p>(xii) Effort shall be made to reduce capacity of DG set and remaining standby power shall be met from solar energy.</p> <p>(xiii) Treatment scheme for sewage and its recycling mode.</p> <p>(xiv) Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed.</p> <p>(xv) Calculation on sizing of solar water heating systems to be furnished.</p> <p>(xvi) A backup arrangement of at least 50% solar powered systems connected to the grid and at least two solar powered lights and one solar powered fan in each flat</p> <p>(xvii) A management plan for excavation and dewatering to ensure compliance to the CGWA guidelines and regulation.</p> <p>(xviii) Solid waste management plan alongwith area earmarked for solid waste management scheme.</p> <p>(xix) Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting.</p> <p>(xx) Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal</p> <p>The proposal was deferred till the desired information is submitted. The above information shall be provided with the uploading of minutes on the website.</p>
11.3.20	<p>Proposed Residential Township at Village Dongare & Chikal Dongare, Taluka –Vasai , Palghar, Maharashtra by M/s Housing Development & Infrastructure Ltd & Others Ltd – Environmental Clearance - [F.No. 21-39/2016-IA-III]</p> <p>M/s Housing Development & Infrastructure Ltd & Others Ltd has proposed for amendment in the environmental clearance for township project at S. No 9 [175] H. No. (1, 2, 3/1, 3/2,4), S. No 14 [438] H. No. (31, 1, 32, 4), S. No 17 [490] H. No. (1), S. No 18 [124] H. No. (1, 2, 3, 4, 5, 6, 7, 8, 9), S. No 19 [125] H. No. (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11), S. No 32 [136] H. No. (1p, 2, 3p, 4p, 5p, 6p, 7p, 8p, 13p), S. No 42 [147] H. No. (1pt), S. No 43 [137] H. No. (1p, 2p, 3, 4, 5, 6, 7), S. No 44 [149] H. No. (1), S. No 45 [150] H. No. (1, 2, 3, 4, 5, 6, 7), S. No 46 [491] H. No. (1), S. No 47 [151] H. No. (1, 2, 3, 4p, 5p), S. No 48[152] H. No. (2/2p, 2/3p, 7, 8, 9p), S. No 49 [153] H. No. (1p), S. No 64 [165] H. No. (2p, 3A, 3B, 3C, 3D, 4, 5, 6, 7, 8, 9/1, 9/2, 10), S. No 65 [168] H. No. (1), S. No 66 [169] H. No. (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16/1, 16/2, 16/3, 16/4, 17, 18, 19, 20, 21, 22/1, 22/2, 22/3, 22/4, 23, 24/1, 24/2), S. No 68 [171] H. No. (1), S. No 69 [173] H. No. (1, 2, 3, 4, 5, 6), S. No 70 [174] H. No. (1, 2, 3, 4, 5/1, 5/2, 5/3, 5/4, 6), S. No 71</p>

[173] H. No. (1, 2, 3, 4, 5), S. No 72 [167] H. No. (1/1, 1/2, 1/3, 2, 3/1/1, 3/1/2, 3/2, 4, 5, 6, 7/1, 7/2, 8, 9, 10, 11p), S. No 73 [166] H. No. (1pt, 4, 5, 6), S. No 74 [451] H. No. (8, 10p), S. No 76 [450] H. No. (5p), S. No 80 H. No. (1p), S. No 81 [124], S. No 82 [198] H. No. (1), S. No 83 [191] H. No. (1, 2, 3pt, 3pt), S. No 84 [189] H. No. (1, 2, 3, 4, 5), S. No 85 [188] H. No. (3), S. No 86 [187] H. No. (1pt, 2, 3, 4, 5p, 6p), S. No 87 [124] H. No. (1, 2p,3), S. No 88 [185] H. No. (1, 2A, 2B, 2C), S. No 89 [184] H. No. (1, 2), S. No 90 [183] H. No. (1, 2, 3, 4, 5, 6, 7/1, 7/2, 7/3, 7/4, 7/5, 7/6, 7/7, 7/8, 7/9, 7/10, 7/11, 7/12, 7/13, 7/14, 7/15, 7/16), S. No 91 [176] H. No. (1/1, 1/2, 2, 3), S. No 93 [177] H. No. (1, 2), S. No 94 [182] H. No. (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23), S. No 95 [181] H. No. (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23), S. No 96 [178] H. No. (1, 2, 3, 3A, 4, 5, 6, 7A, 7B), S. No 97 [179] H. No. (1, 2, 3, 4), S. No 98 [180] H. No. (1, 2), S. No 99 [201] H. No. (1, 2, 3, 4pt, 4pt), S. No 100 [190] H. No. (1, 2, 3, 4pt, 4pt, 5, 6, 7), S. No 101 [199] H. No. (1, 1pt, 1pt), S. No 102 [200] H. No. (1pt, 1pt, 2, 3, 4, 5, 6), S. No 103 [472] H. No. (A, B), S. No 104 [202] H. No. (1, 2), S. No 105 [203] H. No. (1, 2, 3), S. No 106 [204] H. No. (1), S. No 107 [205] H. No. (1), S. No 109 [206] H. No. (1pt, 1pt, 1pt), S. No 110 [207] H. No. (1pt, 1 pt, 2pt), S. No 111 [427] H. No. (1, 2, 3/1, 3/2, 4, 5/1, 5/2,), S. No 112 [212] H. No. (1, 2, 3, 4, 5, 6, 7, 8, 9, 10), S. No 113 [213] , S. No 146 [148] H. No. (6p, 8p, 9, 10), S. No 233 [194] H. No. (2p), S. No 234 [212] H. No. (1, 2p, 3p), Village Dongare & S. No 31 (H. No - 4, 5, 6, 15, 21, 23, 25), S. No 299 H. No. (6, 7, 8, 9p, 10) Chikhal Dongare, Taluka –Vasai , Palghar, Maharashtra. SEIAA, Maharashtra has accorded environmental clearance vide letter EC HDIL-2009/92/CR.128/TC.1 dated 17.07.2010 for construction area of phase-1 admeasuring 11,13,791.31 m². PP informed that project does not fall under CRZ area as per prevailing CZMP of 1996. SEAC has grated EC for phase-1 while part area of Phase-II seems to be falling under CRZ as per the site conditions. PP has submitted the following comparative statement:

Description	Details	Proposed Amendment	Remarks
	As per EC received		
Plot Area	6,17,264.07 m ²	6,17,264.07 m ²	
Built up area	11,13,791,.31 m ²	11,95,151.65 m ²	There is an increase of 7.3 % in total construction area.
Number of sale Tenements	17248 nos.	17787 nos.	Increased due to amendment in sector VII
Total water demand	9.85 MLD	10.88 MLD	--
Wastewater Generation	9.07 MLD	9.25 MLD	
STP capacity	9.50 MLD	10.5 MLD	
Solid Waste Generation	35 TPD	36 TPD	

The Committee noted there is change in the scope of the project and proposed project should be treated as expansion instead of amendment. Therefore, the Committee suggested them to submit the revised form1 and 1 A. It is reported that no protect areas/national park/ wildlife sanctuary are located within 10 km distance of project site. Vaitarna creek is located within 10 Km radius.

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

	<ol style="list-style-type: none"> i. Importance and benefits of the project. ii. Present landuse of the proposed project site. iii. Copy of building sanction plan. iv. Submit a copy of layout superimposed on the HTL/LTL map demarcated by an authorized agency on 1:4000 scale. v. Recommendation of the SCZMA if applicable. vi. Details of no. of floor alongwithbuiltup area to be constructed in each block to be furnished. vii. Details of protect areas/national park/ wildlife sanctuary and water bodies viii. Layout plan indicating road, greenbelt, drainage, sewer line, STP, solid waste handling area, rain water harvesting structure, etc. in different colour to be furnished. ix. Layout of parking plan indicating entry and exit points of vehicular movement as well as traffic management plan. Highlight the fire tender pathway. x. Details of source of water supply alongwith permission to be submitted. xi. Excess treated sewage disposal plan/scheme to be submitted. xii. Assessment of ground level concentration of pollutants due to DG set (7 x 2000 KVA). xiii. Effort shall be made to reduce capacity of DG set upto 3x2000 KVA and remaining standby power shall be met from solar energy. xiv. Treatment scheme for sewage and its recycling mode. xv. Details of rain water harvesting system to be furnished. Clarity on recharge pits, storage systems for rain water and use of appropriate filtration system for collected rain water to be detailed. xvi. Calculation on sizing of solar water heating systems to be furnished. xvii. Details on solar lighting for common areas as well as for two light and one fan in each flat to be provided. xviii. Solid waste management plan alongwith area earmarked for solid waste management scheme. xix. Management of excavated soil. Pollution control measures to be taken to control fugitive emission during construction phase including marble /stone cutting. xx. Details energy conservation measures to be taken. taken (all points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal <p>It was recommended that 'TORs' prescribed by the Expert Appraisal Committee (Infrastrucure-2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. TOR letter will be issued after submission of revised Form1 & IA.</p>
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LIST OF PARTICIPANTS OF EAC (INFRASTRUCTURE-2) IN 11th MEETING OF EAC (INFRASTRUCURE-2) HELD ON 24th – 25th November, 2016

S.N.	Name	Designation	Attendance
1	Prof. T. Haque	Chairman	P
2	Shri K. Gowarappan	Member	P

3	Dr. Yashpal Singh	Member	P
4	Dr.AyiVaman N. Acharya	Member	P
5	Dr. S.K. Bhargava	Member	P
6	Dr.Chandrabhas Deshpande	Member	P
7	Shri A.P. Singh	Member	P
8	Ms. Mili Majumdar	Member	P (1 st Day)
9	Prof.Dr. Sanjay Gupta	Member	P (1 st Day)
10	Dr. R Deoliya	Member	A
MOEF&CC Representative			
11.	Shri A. N. Singh	Joint Director & Member Secretary	P

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