

Minutes of the 25th 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 Projects, Townships and Area Development Projects held on 29-30 November, 2017 in the Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, New Delhi – 3.

Day 1: Wednesday, 29th November, 2017

25.1 Opening Remarks of the Chairman

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

25.2 Confirmation of the Minutes of the 24th Meeting of the EAC held on 30-31 October, 2017 at New Delhi.

The minutes of the 24th meeting of Expert Appraisal Committee (Infra-2) held on 30-31 October, 2017 were confirmed and following correction was made in the minutes of 21st meeting of EAC (Infra-2) held on 21-24 August, 2017.

Agenda item No.	Minuting	Correction/To be read as
21.6.14 of 21 st EAC (Infra-2) meeting held on 21-24 August, 2017	Project brief para (vi) The total power requirement during construction phase will be met from BESCOM and total connected load requirement during operation phase is 3.33 MW. It will be met from BESCOM.	Project brief para (vi) The total power requirement during construction phase will be met from BESCOM and total connected load requirement during operation phase is 39 MW. It will be met from BESCOM.

25.3 Consideration of Proposals

25.3.1	Proposed expansion of Existing IT Park on Plot No. 3, TTC Industrial Area, MIDC, Airoli, Navi Mumbai, Maharashtra by M/s Mindspace Business Park Private Limited – Terms of Reference (IA/MH/NCP/68095/2017; F. No. 21-339/2017-IA-III) <i>The Project Proponent requested to defer the proposal. Accordingly, proposal was not considered.</i>
25.3.2	Hi-Tech Township (Sushant Megapolis) at Beel Akbarpur, Bhogpur, Chamrawli Ramgarh, Duttawali, Kamairala, Ghori Bachhera, Baraki, Luharli, Basantpur and Samauddinpur Dadri, District Gautam Buddha Nagar Uttar Pradesh by M/s Uttam Steels & Associates (Consortium) – Terms of Reference (IA/UP/NCP/69653/2017; F. No. 21-340/2017-IA-III) The project proponent and the accredited Consultant M/s Feedback Infra Pvt Ltd gave a detailed presentation on the salient features of the project and informed that: (i) The Hi-Tech Township Project is proposed in the villages - Beel Akbarpur, Bhogpur, Chamrawli Ramgarh, Duttawali, Kamairala, Ghori Bachhera, Baraki, Luharli, Basantpur and Samauddinpur, Tehsil - Dadri, District - Gautam Buddha Nagar, Uttar Pradesh. Project is being developed by M/s Uttam Steel & Associates (Consortium). (ii) The project was accorded for Environmental Clearance vide reference no.

1566/SEAC/201/2008/AD(H)/ dated 7th October, 2009.

- (iii) The total plot area of the project is 2,504.00 Acres, whereas, net planning area is around 2,385.04 Acres. The total built up area involved in the integrated township project is 1,54,06,130.9 sqm, however, M/s Uttam Steel & Associates (Consortium) will develop only 21,53,151.38 sqm (approx) of the total built up area. Due to delay in land acquisition and slight change in project plan, the project gets derailed from expected completion target.
- (iv) EC extension application has been made before SEIAA UP, however, due to MoEF&CC Gazette Notification No. 2910 dated 9th December 2016, the category of the project has been changed from "B" to "A". Accordingly Application has been submitted to MoEF&CC for extension of the EC validity with vide proposal No. IA/UP/NCP/62266/2009 dated 27th March, 2017. MoEF&CC has asked to submit the revised application for allocation of fresh EC as earlier accorded EC has expired in 2014.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Hi-Tech Township (Sushant Megapolis)' at Beel Akbarpur, Bhogpur, Chamrawli Ramgarh, Duttawali, Kamairala, Ghori Bachhera, Baraki, Luharli, Basantpur and Samauddinpur Dadri, District Gautam Buddha Nagar Uttar Pradesh by M/s Uttam Steels & Associates (Consortium) in a total built-up area of 1,54,06,130.9 sqm out of this scope of development with M/S Uttam steel & Associates is mandated for 21,53,151.38 sqm.
- (ii) Earlier EC was accorded by SEIAA, Uttar Pradesh vide letter No. 1566/SEAC/201/2008/AD(H)/ dated 07.10.2009.
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.
- (iv) The project proponent informed that the entire land parcel is not in their possession. The committee was of the opinion that there are problems and agitations related to acquisition of land at the proposed location hence the project proponents should apply for only those parts of the land parcel which are under their possession.

Accordingly the Project Proponent was advised to submit a fresh Form-1 with project specific details.

The proposal was, therefore, deferred till the desired information is submitted.

25.3.3 Raheja Exotica, CTS No. 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, Village Erangal, Patilwadi Road, Malad (W) Proposed by M/s Raheja Universal (Pvt.) Ltd. – Terms of Reference (IA/MH/NCP/70069/2017; F.No. 21-342/2017-IA-III)

The project proponent and the accredited Consultant M/s Enviro Analysts & Engineers Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:

- (i) The project is located at CTS No. 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, Village Erangal, Patilwadi Road, Malad (W).

Sr. No.	Point	Latitude, Longitude
1.	A	19° 8'50.47"N; 72°47'36.33"E
2.	B	19° 8'58.78"N; 72°47'43.82"E
3.	C	19° 9'4.95"N; 72°47'49.10"E

4.	D	19° 8'56.57"N; 72°47'51.11"E
5.	E	19° 8'48.53"N; 72°47'46.76"E
6.	F	19° 8'45.50"N; 72°47'39.87"E

- (ii) The proposal is for expansion of comfortable housing scheme. Previously EC has been accorded vide letter EC SEAC-2015/CR-131/TC-1 dated 21.06.2016 for Construction area of 3,38,665.03 sqm.
- (iii) The construction area is 3,38,665.03 sqm as per vide EC letter EC SEAC-2015/CR-131/TC-1 dated 21.06.2016. Out of this, construction of 95,654.6 sqm area is completed. Whereas remaining construction is not started yet.
- (iv) The total plot area is 1,24,078.4 sqm. Total FSI area will be 2,20,639.2 sqm, non-FSI area will be 1,58,322.05 sqm and total construction area will be 3,78,961.25 sqm. The project will be comprised of residential buildings. Total 1260 nos. of flats shall be developed. Maximum height of proposed towers will be (Tower no. 10: 131.45m, Tower no.11: 84m).
- (v) During construction phase, total water requirement is expected to be 32 KLD which will be met by tanker. During the construction phase, temporary sanitary toilets will be provided during peak labour force.
- (vi) During operational phase, total water demand of the project is expected to be 999.62 KLD and the same will be met by the MCGM and recycled water. Wastewater generated (786 KLD) will be treated in sector wise STPs of total 835 KLD capacity. From proposed towers 76.75 KLD wastewater will be generated and 72 KLD shall be available for reuse after treatment from STPs. It will be reused for flushing (30.5 KLD) and gardening (24.5 KLD) purpose.
- (vii) About 3409 kg/day solid waste will be generated in the project. The biodegradable wastes (2045.4 kg/day) will be processed in OWC and the non- biodegradable waste generated (1363.6 kg/day) will be handed over to local recyclers.
- (viii) The total power requirement during construction phase is 80 kW and will be met from TATA Power and total power requirement during operation phase will be: Connected load: 42867.1 kW, Demand load: 16754.3 kW
- (ix) The storm water from external ground surface will be properly channelized to the rain water harvesting pits through storm water network for maximum capture of surface run off.
- (x) Parking facility for 308 four wheelers and 50 two wheelers is proposed to be provided for proposed towers.
- (xi) Proposed energy saving measures in proposed towers would save about 20% of power.
- (xii) Sanjay Gandhi National Park boundary at 7.04 km towards north-east. It does not fall under Eco Sensitive Zone as per ESZ Notification dated 5th December 2016.
- (xiii) There is no court case pending against the project.
- (xiv) Total cost of the project is Rs. 1862 Crore.
- (xv) Employment Potential: For skilled and unskilled construction workers during construction phase and security, cleaning staff during operation phase.
- (xvi) Benefits of the project: Generation of marginal employment, Development of infrastructure in the area and Generation of Comfortable Housing

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Raheja Exotica, CTS No. 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, Village Erangal, Patilwadi Road, Malad (W) Proposed by M/s Raheja Universal (Pvt.) Ltd. in a total built-up area of 3,78,961.25 sqm.
- (ii) Earlier EC has been accorded by SEIAA, Maharashtra vide letter EC SEAC-2015/CR-131/TC-1 dated 21.06.2016 for Construction area of 3,38,665.03 sqm.
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.

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) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The PP should submit an affidavit that the site is not located in CRZ area.
- (iii) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.
- (iv) The EIA would include a Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.
- (v) The Air Quality Index shall be calculated for base level air quality.
- (vi) A detailed report on compliance to ECBC norms.
- (vii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (ix) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (x) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.

	<p>(xi) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(xii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(xiii) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.</p>
25.3.4	<p>Expansion & Modification of Group Housing Colony, at Sector-104, village Dhanwapur District Gurgaon, Haryana by M/s Juventus Estate Limited – Terms of Reference (IA/HR/NCP/70088/2017; F.No. 21-343/2017-IA-III)</p> <p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>
25.3.5	<p>Proposed Residential Project at Survey Nos. 19, 24, 25, 26, 31, 32, 34 & 35 of Olavanna Village and Panchayat, Kozhikode District, Kerala by M/s HiLite Builders Pvt. Ltd.– Terms of Reference (IA/KL/NCP/70141/2017; F.No. 21-345/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Environmental Engineers & Consultants Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The location of the project is at Survey Nos. 19, 24, 25, 26, 31, 32, 34 & 35 of Olavanna Village and Panchayat, Kozhikode Taluk & District, Kerala.</p> <p>(ii) The residential project is located in residential area and there are several residential apartments, commercial complexes, hotels, offices & institutional area located near the project site and therefore the development of residential project in this area has good scope. Total Project area is 8.09 hectares and total built-up area is 4,40,201.03 sqm. 1,600 apartments with amenities & other supporting infrastructure facilities shall be provided.</p> <p>(iii) The total daily domestic water consumption for the proposed project would be 1,106 KLD (which includes fresh water requirement of 734 KL) (taken @ 135 LPCD for residents). The sources of water during operation phase for the proposed project are: -</p> <ol style="list-style-type: none"> 1. Roof Rain water (Non-flushing req.) (Rainy days-Concurrent use) 2. Stored rain water / well water / Public Supply (Non flushing req.) (non-rainy days) 3. Treated waste water from STP (Flushing Req.) (Entire Year) <p>(iv) Excavation of earthwork for foundation of structures will be carried out. The excavated soil top soil will be used for landscaping purposes and remaining excavated earth will be used for internal road construction and backfilling purposes within the site.</p> <p>(v) There are some of native trees, shrubs, herbs and grass existing at site. Due to the proposed development of the site, some of the native species will be clear from the site.</p> <p>(vi) Cost of the project is Rs. 500 Crores.</p> <p>(vii) Employment potential: About 1,000 persons (Direct & Indirect).</p> <p>(viii) Benefits of the project: The residential project would provide better residential facilities with supporting infrastructure facilities and amenities to the residents.</p> <p><i>During deliberations, the EAC noted the following:-</i></p>

	<p>(i) The proposal is for grant of Terms of Reference to the project 'Proposed Residential Project at Survey Nos. 19, 24, 25, 26, 31, 32, 34 & 35 of Olavanna Village and Panchayat, Kozhikode District, Kerala by M/s HiLite Builders Pvt. Ltd in a total built-up area of 4,40,201.03 sqm.</p> <p>(ii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.</p> <p><i>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></p> <p>(i) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.</p> <p>(ii) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.</p> <p>(iii) The Air Quality Index shall be calculated for base level air quality.</p> <p>(iv) A detailed report on compliance to ECBC norms.</p> <p>(v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.</p> <p>(vi) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(vii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(x) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(xi) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.</p>
25.3.6	<p>Proposed expansion of Residential cum Commercial Project with SRA scheme at plot bearing CTS No. 163 A(pt) of village Akurli, Kandivali (E), Mumbai, Maharashtra by M/s Shivam Developers - Terms of Reference (IA/MH/NCP/70160/2017; F.No. 21-346/2017-IA-</p>

III)

The project proponent and the accredited Consultant M/s Mahabal Enviro Engineers Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:

- (i) The project is located at 19°11'48.57" N latitude and 72°52'2.22"E longitude.
- (ii) The proposed project is Expansion of Residential cum Commercial Project with SRA Scheme at Land bearing Plot bearing CTS No. 163 A(pt) of village Akurli, Kandivali (E), Mumbai. The Project comes within the municipal limits of Municipal Corporation of Greater Mumbai.
- (iii) Earlier EC was granted by SEIAA, Maharashtra vide letter No. SEAC-2010/CR.280/TC.2 dated 08.09.2010 for plot area 38,637.81 sqm, FSI area is 1,08,487.37 sqm and Total construction (built-up) area is 1,67,446.73 sqm. As of today total 41,409 sqm area has been constructed.
- (iv) The total plot area is 63,918.35 sqm, FSI area is 2,29,862.84 sqm and total construction area is 4,20,027.03 sqm. The proposed development will have 4 sale buildings having 2362 flats, 8 Rehab Buildings having 2132 nos. of flats, Residential/Commercial 26 nos, Commercial 291 nos, 20 PAP, 74 Amenities and One dispensary.
- (v) During construction phase, total water requirement is expected to be 150KLD which is supplied by tanker water. During the construction phase soak pits and septic tanks are provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (vi) During operational phase, total water demand of the project is expected to be 3114 KLD and the same will be met by fresh water from Municipal Corporation of Greater Mumbai (MCGM) and recycled water. Wastewater generated (2908KLD) will be treated in STPs of capacity 3000 KLD. 1109 KLD of treated wastewater will be recycled (1044 KLD for flushing & 65 KLD for gardening). About 1770 KLD will be disposed in to sewer.
- (vii) About 11570 kg/d solid waste will be generated in the project. The biodegradable waste (6942 kg/d) will be processed in organic waste converter and the non-biodegradable waste generated (4628 kg/d) will be handed over to authorized local vendor.
- (viii) Total power requirement (Connected load) is 40 MW and will be met from RELIANCE ENERGY LTD.
- (ix) Rooftop rainwater of all buildings will be collected in rainwater harvesting tanks of 515 m³ capacity after filtration.
- (x) Parking facility for 3399 four wheelers is proposed to be provided against the requirement of 2865 (according to local norms).
- (xi) Proposed energy saving measures would save about 21.43% of power requirement.
- (xii) Site is located at 1.5 km from Sanjay Gandhi national Park but as per ESZ Notification of SGNP Borivali vide letter no. S.O.3645 (A) dt 05.12.2012, the site is not within 100 m ESZ of SGNP.
- (xiii) There is no court case pending against the project.
- (xiv) Investment /cost of the project is Rs. 1490 Crores.
- (xv) Employment potential: 500 Nos.
- (xvi) The current project is a Slum Rehabilitation scheme. The Scheme involves 2132 slum

families. All Slum-dwellers were staying in shanty structures and in unhygienic environment. The slums dwellers will be rehabilitated in same area. 74 amenities will be provided. Welfare centre will be provided at SRA buildings. Corpus fund will be created as per SRA norms

- (xvii) The project will generate employment (labour employment of household activity, services, maintenance, plumbing, electricians) during operational phase which will benefit the local population in getting work opportunities. It will create long term employment in activities such as maintenance of the buildings and ancillary services.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Proposed expansion of Residential cum Commercial Project with SRA scheme at plot bearing CTS No. 163 A(pt) of village Akurli, Kandivali (E), Mumbai, Maharashtra by M/s Shivam Developers in a total built-up area of 4,20,027.03 sqm.
- (ii) Earlier EC was granted by SEIAA, Maharashtra vide letter No. SEAC-2010/CR.280/TC.2 dated 08.09.2010 for plot area 38,637.81 sqm, FSI area is 1,08,487.37 sqm and Total construction area is 1,67,446.73 sqm. As of today total 41,409 sqm area has been constructed.
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.

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) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.
- (iii) The EIA would include a Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.
- (iv) The Air Quality Index shall be calculated for base level air quality.
- (v) A detailed report on compliance to ECBC norms.
- (vi) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the

	<p>site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(viii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(ix) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(x) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(xi) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(xii) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.</p>
<p>25.3.7</p>	<p>Environmental and CRZ Clearance for establishing captive coal jetty for 2x800 MW upgrading Super Thermal Power Project at Udangudi, Thoothukudi District, Tamil Nadu by M/s Udangudi Power Corporation Ltd – Extension of validity of Environmental and CRZ Clearance (IA/TN/MIS/22074/1910; F.No. 11-48/2009-IA.III)</p> <p>The project proponent gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The proposal is for Extension of Validity of Environmental & CRZ Clearance for Captive Coal Jetty with Unloading facilities and Pipe Conveyor system for Udangudi Super Critical Thermal Power Project (2 x 660 MW), in Udangudi village, Tiruchendur Taluk, Tuticorin District of Tamil Nadu.</p> <p>(ii) This is an integrated power project with Captive coal jetty with Pipe conveyor system for the coal logistics required for the power plant. TOR was obtained from Thermal Committee of MOEF&CC. Based on the above CRZ Clearance for Jetty was obtained vide MOEF letter F.No.11-48/2009-IA.III, dated 6.6.2011 and Environmental Clearance for Power Project was obtained vide MOEF letter F.No. J 13012/19/2008-IA.II (T), dated 14.10.2013. Further, amendment to the Environmental Clearance for change in capacity of the Project from (2 x 800 MW) to (2 x 660 MW) was obtained, vide MOEF& CC's letter F. No. J-13012/19/2008-IA.II(T), dated 26.4.2017.</p> <p>(iii) CRZ Clearance for Jetty was obtained vide MOEF letter F.No.11-48/2009-IA.III, dated 6.6.2011. Now, TANGEDCO is approaching the Committee for Extension of Validity for the CRZ Clearance.</p> <p>(iv) However, it is hereby submitted that no activity has been taken up for the Jetty, Pipe conveyor, Cooling Water Intake / Outfall</p> <p>(v) The land acquired for the establishment of the project is 1040 acres (939 acres for Plant area and 101 acres for township). Sea water is proposed for the Cooling Water and Plant Water requirement of the Power Plant. About 13,500 cum/hr of sea water is required, with closed cycle cooling system with NDCT. Desalination Plant is proposed. The Bay of Bengal is at a distance of 1.2 km east of the Project site.</p> <p>(vi) The effluent generated in the power plant will be treated in the Effluent Treatment Plant and Sewage Treatment Plant to be provided. The treated effluent/sewage will be</p>

utilised for green belt development.

- (vii) The brine from desalination plant will be mixed along with Cooling tower blow down and will be discharged into the sea. Total ash (both flyash and bottom ash) generated will be 0.35 Million Tons per Annum utilizing Coal with Ash content of 8 %. 100% ash utilization is proposed. During emergency, the ash will be disposed in the ash dyke proposed.
- (viii) 16 MVA Power will be required for construction. The entire power required for the construction purposes will be drawn from TANGEDCO's own grid. Energy recovery pumps will be provided in Desalination plant.
- (ix) Rain water in the power plant area will be collected in a network of drains, which shall be collected in a rain water harvesting tank and utilised for green belt.
- (x) Car parking is provided in the Power Plant
- (xi) Cost of the project is Rs. 1787.70 Crores
- (xii) The Udangudi Thermal Power Project (2 x 660 MW) with the integrated captive jetty will give direct employment to more than 550 people. In addition, there will be indirect employment generation.
- (xiii) Benefits of the project: The power project will help in augmenting the power requirement of the State of Tamil Nadu and will aid in the overall social and economic development of the region.

During deliberations, the EAC noted the following:-

- (i) The proposal is for Extension of validity of Environmental and CRZ Clearance granted to the project 'Environmental and CRZ Clearance for establishing captive coal jetty for 2x800 MW upgrading Super Thermal Power Project at Udangudi, Thoothukudi District, Tamil Nadu in favour of M/s Udangudi Power Corporation Ltd vide MOEF&CC letter F.No.11-48/2009-IA.III, dated 06.06.2011.
- (ii) This is an integrated power project with Captive coal jetty with Pipe conveyor system for the coal logistics required for the power plant. TOR was obtained from Thermal Committee of MOEF&CC. Based on the above CRZ Clearance for Jetty was obtained vide MOEF&CC letter F.No.11-48/2009-IA.III, dated 6.6.2011 and Environmental Clearance for Power Project was obtained vide MOEF&CC letter F.No. J-13012/19/2008-IA.II (T), dated 14.10.2013. Further, amendment to the Environmental Clearance for change in capacity of the Project from (2x800 MW) to (2x660 MW) was obtained, vide MOEF& CC's letter F. No. J-13012/19/2008-IA.II (T), dated 26.4.2017.
- (iii) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 its subsequent amendments, and requires appraisal at Central level.

The EAC discuss the project in detail. After due deliberation, the Committee recommended the Extension of validity of Environmental & CRZ Clearance dated 06.06.2011 for a period of 3 years i.e. up to 05.06.2021. All other conditions stipulated in the Environmental and CRZ Clearance letter F.No.11-48/2009-IA.III, dated 06.06.2011, shall remain unchanged. The extension of validity is being granted for the original proposals for which EC&CRZ Clearance was granted earlier. The project proponents will not make any changes in the project nature, structure or configuration and limit themselves to activities for which the EC& CRZ Clearance has been given earlier.

25.3.8	Environmental and CRZ Clearance for Expansion of JSW port at Jaigad Ratnagiri Maharashtra by M/s H Energy Gateway Private Limited – Amendment in Environmental
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and CRZ Clearance (IA/MH/MIS/59326/2015; F.No. 10-17/2006-IA.III)

The project proponent and the accredited Consultant M/s WAPCOS Ltd gave a detailed presentation on the salient features of the project and informed that:

- (i) JSW Jaigarh Port Limited (JSWJPL) was granted environmental and CRZ clearance to handle various solid and liquid cargoes for its phase-II expansion *vide* letter dated 19th December, 2013. The clearance includes 8 MTPA shore tankage based LNG receiving Terminal, re-gasification and send-out facility which has been duly transferred to H-Energy Gateway Private limited (HEGPL) *vide* MoEF&CC letter dated 3rd March, 2015.
- (ii) The facility is being developed by H-Energy. Pre-engineering for the LNG Terminal is already over and the Jetty construction has already started in line with the original approval. However, construction of the land based Terminal including the storage tankages would take at least 6 to 7 years to complete, whereas the construction of the Jetty is nearing completion. In order to put the idle infrastructure to productive use and to serve the country by alleviating the immediate energy needs, we are proposing to start 'Early Production Facility' by chartering and deploying a modified LNG vessel as FLOATING STORAGE AND RE-GASSIFICATION UNIT (FSRU) at the LNG Jetty until the land based terminal is ready.
- (iii) As stated above, FSRU is a LNG vessel with facilities for receipt of liquid LNG cargo through 'ship-to-ship' transfer using flexible hoses and on-board regasification of the same. The FSRU is a self-sufficient unit with storage and on-deck re-gasification facilities and would be able to handle about 6 million metric tons per annum. The shore side would require minimum infrastructure for receiving the natural gas (through high pressure natural gas unloading arms), metering it and sending it out using pipe lines (tie in pipe line to GAIL network at Dabhol). This sending out pipe line known as tie-in pipe line is also likely to be completed along with jetty facilities. Competent Authority (CA) for acquisition of ROU under PMP Act has already been appointed. Necessary approvals (such as PNGRB, MPCB, CRZ and PESO) are already in place for the tie-in pipeline.
- (iv) In this regard, HEGPL has applied for amendment in the earlier CRZ and environmental clearance (EC) issued by MoEF&CC, New Delhi. The proposal was considered in the 10th EAC meeting of Infra-2 and additional ToR were issued *vide* letter dated 28th November, 2017. As per ToR, the relevant study reports were prepared and submitted to State Coastal Zone Management Authority (MCZMA). The recommendation of MCZMA is duly obtained *vide* their letter no. CRZ 2017/CR 147/TC4 dated 3rd October, 2017. The certified compliance report on the environmental conditions stipulated in the earlier EC has been issued by the Regional Office (RO), MoEF&CC, Nagpur *vide* letter dated 12th April, 2017.
- (v) CRZ recommendation along with the study reports are duly submitted for appraisal. It is requested to amend the EC and CRZ Clearance (19th December, 2016 and transferred thereafter on 3rd March, 2015) to operate the FSRU for the interim period till the land based facilities get ready. This would help putting the idling infrastructures in to productive use at the same time establishing the energy chain.

During deliberations, the EAC noted the following:-

- (i) The proposal is for Amendment in Environmental and CRZ Clearance granted to the project 'Environmental and CRZ Clearance for Expansion of JSW port at Jaigad Ratnagiri Maharashtra in favour of M/s H Energy Gateway Private Limited *vide* MOEF&CC letter F.No. 10-17/2006-IA.III dated 03.03.2015.
- (ii) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours,

break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.

- (iii) JSW Jaigarh Port Limited (JSWJPL) was granted environmental and CRZ clearance to handle various solid and liquid cargoes for its phase-II expansion *vide* letter dated 19th December, 2013. The clearance includes 8 MTPA shore tankage based LNG receiving Terminal, re-gasification and send-out facility which has been duly transferred to H-Energy Gateway Private limited (HEGPL) *vide* MoEF&CC letter dated 03.03.2015. The proposal was considered in the 10th EAC meeting of Infra-2 and additional ToR were issued *vide* letter dated 28th November, 2017. As per ToR, the relevant study reports were prepared and submitted to State Coastal Zone Management Authority (MCZMA). The recommendation of MCZMA is duly obtained *vide* their letter no. CRZ 2017/CR 147/TC4 dated 03.10.2017.
- (iv) The Project Proponent submitted/uploaded the additional information on 07.10.2017 on Ministry's website.

The EAC deliberated on the Certified Compliance Report letter F. No. 6-1/2014 (ENV) dated 12.04.2017 issued by the MoEF&CC's Regional Office (WCZ), Nagpur and undertaking given by the Project Proponent to comply with the non-compliance of EC conditions. However, the Committee was not satisfied with the submission of the Project Proponent. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) An action taken report on environmental conditions stipulated in earlier EC&CRZ Clearance which have been stated to be partially complied or not complied as reported in Certified Compliance Report letter F. No. 6-1/2014 (ENV) dated 12.04.2017 issued by the MoEF&CC's Regional Office (WCZ), Nagpur.
- (ii) The regassification process shall not use sea water as agreed by the PP and alternate process with mitigation measures shall be detailed.
- (iii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (viii) A copy of the Marine and riparian biodiversity management plan duly validated by the

	<p>State Biodiversity Board.</p> <p>(ix) Submit the set of documents required as per para 4.2 (i) of CRZ Notification, 2011.</p> <p>(x) No Objection Certificate from the concerned State Pollution Control Boards for the projects involving discharge of effluents, solid wastes, sewage and the like.</p> <p>(xi) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(xii) Point wise reply to the comments received from Conservation Action Trust, as forwarded to the committee members.</p> <p style="text-align: center;"><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
<p>25.3.9</p>	<p>Establishment of 1.5 M Kcal/hr (500 kg/hr) Hazardous Waste Incinerator (Up gradation) at Plot No. C-21, UPSIDC Phase 1, Village Amapur Lodha, Hapur, Ghaziabad, Uttar Pradesh by M/s Ramky Enviro Engineers Limited - Amendment in Terms of Reference (IA/UP/MIS/56949/2016; F.No. 10-51/2016-IA.III)</p> <p>The project proponent and their Consultant M/s Ramky Enviro Service Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) Ramky Enviro Engineers Limited proposes to set up a 1.5 M Kcal/hr(500 kg/hr) hazardous waste incinerator at existing common biomedical waste treatment facility located at C-21, MG Road, Phase – 1 UPSIDC, Amapur Lodha Village, Hapur Tahsil, Ghaziabad, Uttar Pradesh. The proposed hazardous waste incinerator will be used to scientific disposal of industrial hazardous waste and biomedical waste. The proposed Incinerator will replace the existing biomedical waste Incinerator. This proposed expansion falls in schedule 7(d) Common hazardous waste Treatment, Storage and Disposal Facilities (TSDFs), Category A.</p> <p>(ii) The nearest surface water body to the site is Hasanpur Lake around 1.5 Kms in Southwest and Upper Ganga Canal 1.6 Km in Northeast. The land belongs to M/s Medicare Environmental Management Pvt. Ltd (100% Subsidiary of Ramky Enviro Engineers limited, Hyderabad). The site is located at about 214 m above mean sea level (amsl). The site is well connected by rail and road network. The hazardous wastes have been transported from generation point to the Facility, through Dasna Dhaulna Gulawati Marg Road. The nearest Highway is NH24 which is 4 km in North from the project site.</p> <p>(iii) Out of 137762.3 MTA of Hazardous waste generated by various Industries in the State of Uttar Pradesh, 14% of the waste is Incinerable Waste (18978 TPA). To dispose the Incinerable waste in a scientific manner, M/s Ramky Enviro Engineering Ltd is proposed to put up a Hazardous waste Incinerator of the capacity 1.5 M Kcal/hr at the UPSIDC Phase - 1 at Ghaziabad. Also, an Incinerable waste storage shed as per CPCB guidelines will also be established as a necessary infrastructure.</p> <p>(iv) Water requirement for Hazardous waste incineration setup will be about 5 KLD. The power requirement for proposed incinerator setup is 250 KW which will be supplied by nearby substation. Further requirement and Power back up will be support by proposed DG sets. Proposed facility itself is for treatment of Incinerable hazardous waste so all the hazardous waste generated from the incinerator finally disposed to secured landfill.</p> <p>(v) The Project Proponent made a request for exemption from Public Hearing and allows to submit the Final EIA Report.</p> <p><i>During deliberations, the EAC noted the following:-</i></p> <p>(i) The proposal is for Amendment in ToR granted to the project 'Establishment of 1.5 M</p>

	<p>Kcal/hr (500 kg/hr) Hazardous Waste Incinerator (Up gradation) at Plot No. C-21, UPSIDC Phase 1, Village Amapur Lodha, Hapur, Ghaziabad, Uttar Pradesh in favour of M/s Ramky Enviro Engineers limited vide MOEF&CC letter F.No. 10-51/2016-IA.III dated 20.09.2016.</p> <p>(ii) The Project Proponent made a request for exemption from Public Hearing and allow to submit the Final EIA Report to MOEFCC for awarding Environmental Clearance.</p> <p>(iii) The project/activity is covered under category 'A' of item 7(d) Common hazardous waste Treatment, Storage and Disposal Facilities (TSDFs)' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.</p> <p><i>The Committee noted that ToR to the project was granted by the Ministry vide letter No. 10-51/2016. IA-III dated 20.09.2016. As per the MoEF&CC Office Memorandum dated 4th April, 2016 has exempted from public consultation for the project / activities located within the Industrial Estate/ Parks. The proposal under consideration is located at C-21, Industrial Area Mussorie Gulawathi Road, Phase- 1, UPSIDC, Amapur Lodha village, Hapur, Ghaziabad, Uttar Pradesh.</i></p> <p><i>The EAC, on being satisfied with the submissions of the project proponent, exempted Public hearing as per para 7(i) III Stage (3)(i)(b) of EIA Notification, 2006 for preparation of EIA/EMP Report, being site is located in the Notified industrial area.</i></p>
<p>25.3.10</p>	<p>Max Health Care Institute at Plot No. 165-166, Malsi, Dehradun by M/s. Malsi Projects And Planners - Terms of Reference (IA/UK/NCP/67615/2017; F.No. 21-315/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Perfect Enviro Solutions Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project will be located at Latitude- 30°22'25.36"N and longitude- 78°04'28.10"E</p> <p>(ii) The proposed project is Modernization in Environment Clearance of Max Healthcare Institute Ltd. at Malsi Estate, Khasra No. 165-166, Mauzi Malsi, Mussoorie Diversion Road, Dehradun. The project includes hotel and hospital for which Environmental Clearance has already been obtained from MOEF & CC vide letter No. 21-333/2008-IA.III dated 06-03-2009 for Plot area of 1,01,171.41 sqm and built– up area of 579981 sqm (5,60,000 sqm for development of hotel and built up area of 19,981 sqm for hospital). At present, Hotel and Hospital are constructed and operational. Hotel details will remain unchanged. Only revision in details of hospital will be there due to increase in population leading to increase in pollution Load. Hence, due to increase in water demand and water discharge the capacity of STP will increase and DG capacity will also increase. As the built-up area of the project is more than 1,50,000 Sqm thus, the project falls under the category 8(b) as per the EIA notification dated 14th September 2006.</p> <p>(iii) The total plot area is 1,10,171.41 sqm and built-up area of 5,79,981 sqm (5,60,000 sqm for development of hotel and built-up area of 19,981 sqm for hospital). Hotel details will remain unchanged. Only details of hospital will change due to increase in population leading to increase in pollution Load. Hence, due to increase in water demand and water discharge the capacity of STP will increase and DG capacity will also increase. All area detail remains the same.</p> <p>(iv) During the construction of the proposed project, the water shall be supplied from treated water of existing STP of the complex and the same will be maintained without any adverse impact on the environment. There will be water Treatment plant for</p>

drinking water. Temporary sanitary toilets will be provided during peak labor force.

- (v) The total water requirement will be 278 KLD. The source of water is Nagar Nigam Dehradun. The total waste water generation will be 154 KLD. The waste water shall be treated through 2 no of Sewage Treatment Plant (STP) having capacity 100 KLD (existing) and additional 125 KLD. 146 KLD treated water will be reused in flushing, gardening, D.G. Cooling. 2 No. of RWH pits already exists for storm water recharging to ground.
- (vi) About 540 Kg/day Municipal solid waste will be generated from the project after revision. The biodegradable waste will be 378 Kg/ day and recyclable waste of 162 kg/day will be handed over to authorized recycler.
- (vii) Used Oil of 16 lit/month shall be collected in leak proof containers at isolated place and then it will be given to approved recycler. E- Waste of 2 kg/ month will be collected and given to approved recycler.
- (viii) The total power requirement will be 1200 KW (Existing: 1100 KW and Proposed: 100 KW) which is provided by Uttarakhand Power Corporation Limited. D.G. Set of capacities 2x500 KVA (existing to be removed) and 2x750 KVA (proposed) shall be installed in acoustically enclosure with anti-vibration pads and shall be used during Power failure only. Hence, to avoid the emissions, stack height of 5 m above roof level for D.G. sets of capacities 500 KVA has already been provided and stack height of 5.5 m above roof level for D.G. sets of capacities 750 KVA shall be installed to reduce the air emissions, meeting all the norms prescribed by CPCB.
- (ix) 2 No. of RWH pits has already been provided for storm water recharging to ground hence, no change is proposed.
- (x) Parking Provision is 478 ECS for hotel and 270 ECS for Hospital which has already been provided. Hence, no change is proposed.
- (xi) No eco-sensitive area lies within 10 km radius. Binsar wild life Sanctuary- 11.16 Km NW
- (xii) There is no court case pending against the project.
- (xiii) Employment potential: Labourers during construction phase 6 no. and about 1000 personnel as staff during operation phase.
- (xiv) Benefits of the project: The Hospital will also enhance the infrastructure of the area. The Hospital will provide employment to around 60 labourers during construction phase and employment to 1000 personnel working in the hospital. It will be a multi-speciality hospital. The hospital will have its own doctors and its health workforce.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Max Health Care Institute at Plot No. 165-166, Malsi, Dehradun by M/s. Malsi Projects And Planners in a total built-up area of 5,79,981 sqm.
- (ii) Earlier Environmental Clearance has been obtained from MOEF&CC vide letter No. 21-333/2008- IA.III dated 06.03.2009 for Plot area of 1,01,171.41 sqm and built-up area of 5,79,981 sqm (5,60,000 sqm for development of hotel and built up area of 19,981 sqm for hospital).
- (iii) At present, Hotel and Hospital are constructed and operational. Hotel details will remain unchanged. Only proposed revision of hospital will change due to increase in population leading to increase in pollution Load. Hence, due to increase in water demand and water discharge the capacity of STP will increase and DG capacity will also increase. There is revision in pollution load of hospital due to increase in

population (OPD &Visitors). Hence, due to increase in water demand and water discharge the capacity of STP will increase and DG capacity will also increase. All area detail remains the same.

- (iv) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.

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) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.
- (iii) The EIA would include a Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.
- (iv) The Air Quality Index shall be calculated for base level air quality.
- (v) A detailed report on compliance to ECBC norms.
- (vi) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (viii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (ix) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (x) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (xi) A certificate from the competent authority handling Municipal Solid Wastes and Bio Medical Waste indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. and B.M.W. generated from project.

(xii) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.

25.3.11 Expansion of Life Republic residential construction project by I-Ven Townships (Pune) Ltd– Terms of Reference (IA/MH/NCP/69958/2017; F. No. 21-341/2017-IA-III)

The project proponent gave a detailed presentation on the salient features of the project and informed that:

- (i) The name of the proposal is Special Township Project “Life Republic” Kolte Patil I-Ven Townships (Pune) Ltd. located at 86 [Old Survey Nos. 78/1,80,83,81/1/A,81/1/B, 81/2, 82/1, 82/2, 82/3, 86, 107/1(part), 107/2, 110/1A(Part), 110/2(Part), 110/1/B, 111/1A/1, 111/1A/2,111/1B,111/2,112/1(Part), 114/1(Part), 113/1A/1,114/2, 113/1A/1B/1,113/1A/1B,113/2,113/1A/2,113/1B,115/1(Part),117,118/1,120/3,121,122,1 23] 102/1, 85/1, 74/B[Old Survey Nos.74/2,74/9/2(Part),74/3],77/1 (Part),77/2, 78/1 (Part),80/1 (Part),83 (Part), 83/2(Part), 90/7/1 ,90/9, 91/1(Part), 91/2, 91/3, 91/4(Part) ,91/5,91/6,91/7(Part), 91/8, 92/1A, 92/2A(Part), 92/3, 92/4, 92/5, 92/6(Part), 92/7,92/8(Part), 93, 95, 96/1/1(Part), 96/1/2(Part),96/1/3,96/2/1, 96/2/2(Part), 96/3(Part),96/4(Part),96/5/2(Part), 98(part), 98/2, 100/1/1, 100/1/2,100/2,101(Part),101(Part), 101(Part),112/1(Part), 112/2, 114/1(Part), 119, 120/1, 120/2, 120/4/1,120/4/2, 124/1/1,124/1/2,124/2,125/1,126/1 (Part),126/2, 127/1/1, 127/1/2 (Part),24/3,24/5,25/1, 25/2,26/1,26/2,26/4,26/5, 26/6, 27/1, 27/3(Part),69/1,69/2/1,69/2/2,69/2/3,69/2/4,69/2/5,69/2/6, 69/2/7, 69/2/8,71 (Part), 74/7 (Part), 74/8, 74/9/1 (Part), 99/1/2 Part, 112/1 Part, 113/1A/1B/1B Part, 90/10 Part, 131/8 Part, 131/9,131/10, 112/1 Part, 103/2, 102/2 Part, 126/2/1, 73/9, 87/2, at village Jambhe, Nere and Marunji, Taluka Mulshi, District Pune. (Latitude 18°37’16.40"N, Longitude 73°42’50.78"E).
- (ii) Land use of the site is Non-Agricultural land (as per special township norms), Around the site up to 10 km radius is mainly agricultural land with habitation.
- (iii) Total plot area is 16,28,405.50, Built up area is 14,61,286.52 sqm. Project components are as follows:
39 No. of residential building,38 no. of row houses,47 no. of twin bungalows, 158 no. of independent bungalow, Amenities 7 Nos of buildings, Commercial – 10 Nos + 9 In residential building , Schools (3), Hospital (2), Utilities (Fire Station 2 no. of buildings)
- (iv) Cost of the project: 4755.61 Crore.
- (v) The project does not falls within 10 km of eco-sensitive area.
- (vi) Water requirement: Source: Pawana Dam. Received letter from irrigation department.
- (vii) Water bodies, diversion if any: Irrigation canal through plot, no diversification involved.
- (viii) Court cases if any: The details of Court cases are as follows:

S. NO.	COURT NAME / CASE NO	PARTIES NAMES	PROPERTY	Survey No
1	CJSD SPL. C.S. 2255/2009	Dilip Thakkar V/s Sopan Jagtap and others (Include Kolte Patil I-ven Township)	Village Marunji	74/7 & 74/8
2	Special Leave Petition C C No. 9463 /2017	Kolte Patil I Ven Townnship V/S Naryan Shinde	Nere	69
3	S.P.C.S. 281/2012	Govind Anand Salunke V/S Naresh A. Patil, MDK, RAP and others	Jambe	126/1 & 127/2
4	SPCS 265/2013	Govind Anand Salunke V/S	Jambe	126/2 & 126/2/1

		Milind D. Kolte		
5	RCS 1487/2005	DATTATRAY RAGHUNATH MORE AND OTHERS V/S GOVIND ANANDA SALUNKE and others	Jambe	125/1
7	SPCS 575 of 2015	Avinash Timgere and Others V/S Milind Kolte and others	Jambe	117 , 118/1 , 121 & 122

- (ix) Investment cost of the project is Rs. 4755.61 Crore.
- (x) Employment potential: 500-700 manpower.
- (xi) Benefits of the project: Pune is the IT hub. Project site is very near to Hingewadi -IT hub. So, for working IT personnel it decreases the travelling time.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Expansion of Life Republic residential construction project by I-Ven Townships (Pune) Ltd in a total Plot area of 16,28,405.50 sqm and built-up area of 14,61,286.52 sqm.
- (ii) Earlier Environmental Clearance has been obtained from MOEF&CC vide letter No. 21-111/2007- IA.III dated 06.09.2007 for Plot area of 16,28,405.50 sqm and built-up area of 89,374.85 sqm
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.

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) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.
- (iii) The EIA would deal with the actions to comply with Bio-Medical Waste Management Rules, 2016.
- (iv) The EIA would include a Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.
- (v) The Air Quality Index shall be calculated for base level air quality.
- (vi) A detailed report on compliance to ECBC norms.
- (vii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and

	<p>improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <ul style="list-style-type: none"> (ix) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering. (x) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project. (xi) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (xii) A certificate from the competent authority handling Municipal Solid Wastes indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. (xiii) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.
<p>25.3.12</p>	<p>Proposed Integrated Residential Township Project at Village Anjur, Mankoli & Surai Tal: Bhiwandi, Dist: Thane, Maharashtra by M/s. Ajithnath Hi-Tech Builders Pvt Ltd.- Environmental Clearance (IA/MH/MIS/67177/2017; F.No. 21-172/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Mahabal Enviro Engineers Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is located at 19°13'51.68" N latitude and 73°3'3.62" E longitude. (ii) The project is New Project. The proposed project is Integrated Residential Township Project. The total plot area is 5,60,167 sqm FSI area is 9,53,283.90 sqm and total construction area is 13,61,977.9 sqm. The proposed residential project will have Residential Buildings, Commercial buildings, Ware house and Public facilities viz. school, health centre, shopping centre, fire station, Burial ground, cremation ground, transport hub, police station, club house and meditation centre etc. Total 14488 Residential flats, 1,64,220 sqm area for commercial/ warehouse, 21065 sqm area for Non-Residential building shall be developed. Maximum height of the building is 80.45 m. (iii) During construction phase, total water requirement is expected to be 200KLD which is supplied by tanker water. During the construction phase soak pits and septic tanks are provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force. (iv) During operational phase, total water demand of the project is expected to be 11020KLD and the same will be met by fresh water from STEM/MIDC and recycled water. Wastewater generated (10327 KLD) will be treated in STPs of capacity 10850 KLD. 5565 KLD of treated wastewater will be recycled (3937 KLD for flushing & 763 KLD for gardening & 865 KLD for HVAC Make up). About 4659 KLD will be disposed in to municipal sewer. (v) About 43.34 Tonnes/day solid wastes will be generated in the project. The biodegradable waste (26 Tonnes/day) will be processed in Biogas Plant and the non-biodegradable waste generated (17.34 Tonnes/day) will be handed over to authorized

local vendor.

- (vi) Total power requirement is 71.89 MW and will be met from MSEDCL.
- (vii) Rooftop rainwater of all buildings will be discharged into 310 Nos. of Recharging Pits with Grease cum Desilting Chamber. Each recharging pit will consist of bore well.
- (viii) Parking facility for 18957 Nos. four wheelers is provided.
- (ix) Proposed energy saving measures would save about 19 % of power requirement.
- (x) Site is located at 8.2 km from Sanjay Gandhi National Park but as per ESZ. Notification of SGNP Borivali vide letter no. S.O.3645 (A) dt 05.12.2012, the site is not within 100 m ESZ of SGNP.
- (xi) There is no court case pending against the project.
- (xii) Investment /cost of the project is Rs. 1500 Crores
- (xiii) Employment potential: 18,500 Nos.
- (xiv) The project will generate employment (Commercial employment, labour employment of household activity, services, maintenance, plumbing, electricians) during operational phase which will benefit the local population in getting work opportunities. It will create long term employment in activities such as maintenance of the buildings and ancillary services.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Proposed Integrated Residential Township Project at Village Anjur, Mankoli & Surai Tal: Bhiwandi, Dist: Thane, Maharashtra by M/s. Ajithnath Hi-Tech Builders Pvt Ltd in a total plot area of 5,60,167 sqm and built-up of 13,61,977.9 sqm.
- (ii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.
- (iii) The project was granted Standard ToR by MoEFCC vide letter No. 21-172/2017-IA-III dated 13.06.2017.

After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) Certificate from the Forest Department that the project does not infringe any migratory routes of wild animals.
- (ii) Replies to the comments received from the Conservation Action Trust or any other complainant.
- (iii) The Air Quality Index shall be calculated for base level air quality.
- (iv) A detailed report on compliance to ECBC norms.
- (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vi) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on

	<p>cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(vii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(x) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
<p>25.3.13</p>	<p>Pintail Park City Integrated Township at Villages Madharmau Kala, Mastemau & Bakkas, Lucknow, Uttar Pradesh by M/s Pintail Realty Developers Private Limited– Environmental Clearance (IA/UP/NCP/69797/2016; F. No. 21-356/2017-IA-III)</p> <p>The project proponent and the Consultant M/s Epsilon Projects Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project is located at 26°47'13.73" N Latitude and 81°02'6.83" E Longitude.</p> <p>(ii) The project is new construction. The total project area is 193.116 acres, wherein total development area (FSI Area) will be 10,54,281 sqm (max. built-up area) including residential, commercial, and community facilities etc. The project will comprise of approx 50 towers and approx 5109 flats (including EWS-LIG) shall be developed. Maximum height of the buildings in the project will be 100 meters.</p> <p>(iii) During construction phase, total water requirement is expected to be 0.55 MLD which will be met by tankers during the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.</p> <p>(iv) During operational phase, total water demand of the project is expected to be 4.5MLD and the same will be met by the 3.3 MLD of fresh water and 1.2 MLD of Recycled Water. Wastewater generated (3.6 MLD) uses will be treated in MBBR STPs of total 5MLD KLD capacity. 3.2 MLD of treated wastewater will be recycled (1.2 for flushing, 0.2 for gardening and 1.8 MLD for HVAC).About0 (zero) KLD will be disposed in to municipal drain.</p> <p>(v) About 23.9 MTPD solid wastes will be generated in the project. The biodegradable waste (16.73MTPD) will be processed in OWC and the non-biodegradable waste generated (7.13 MTPD) will be handed over to authorized local vendor.</p> <p>(vi) The total power requirement during construction phase is 1250 KVA, which will be met through1000 KVA from UPPCL and 250 KVA from DG set; and total power requirement during operation phase is 42 MVA/ 37.8 MW and will be met from UPPCL.</p> <p>(vii) Rooftop rainwater of buildings will be collected in 50 pits of RWH tanks of total 3119 m3/hr capacity for harvesting after filtration.</p>

- (viii) Parking facility for 10979 ECS are proposed to be provided against the requirement of 10979 ECS (according to local norms).
- (ix) Proposed energy saving measures would save about 10% of power.
- (x) It is not located within 10 km of Eco Sensitive areas
- (xi) There is no court case pending against the project.
- (xii) Investment/Cost of the project is approx Rs. 1876.407 Crore.
- (xiii) Employment potential: The proposed project envisions a generation of employment through all phases of the project. During design phase, skilled worker architecture, urban planners, consultants etc would get directly benefitted, same as during construction phase it is expected that approx 250-300 laborers will get direct and indirect employment. Maximum employment will be generated during the operational phase of the project.
- (xiv) Benefits of the project: The Township shall be developed as a small "satellite towns", which cater to all basic needs of the society, be it shelter, employment, or leisure, thereby maintaining a high standard of living.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Pintail Park City Integrated Township at Villages Madharmau Kala, Mastemau & Bakkas, Lucknow, Uttar Pradesh by M/s Pintail Realty Developers Private Limited in a total plot area of 193.116 acres and built-up of 10,54,281 sqm.
- (ii) The project was granted ToR for the project by SEAC, Uttar Pradesh in its 286th meeting dated 03.08.2016.
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.

The Committee noted that there is a mismatch in the area statement provided by the project Proponent in Form-1 & presentation. They were advised to revise the Form-1 accordingly. They were also asked to submit the following certificates:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (iii) No Objection Certificate from Airport Authority of India.
- (iv) The Air Quality Index shall be calculated for base level air quality.

	<ul style="list-style-type: none"> (v) A detailed report on compliance to ECBC norms. (vi) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering. (vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project. (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (ix) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
25.3.14	<p>Proposed Hi-Tech City, Mathura at Villages Jait, Sunrakh Bangar and Chhatikara, District Mathura, Uttar Pradesh by M/s. Suncity Hi-Tech Projects Pvt. Ltd.– Environmental Clearance (IA/UP/NCP/62237/2017; F.No. 21-53/2017-IA-III)</p> <p>The project proponent and the Consultant M/s Min Mec Consultant Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is located at 27°33'41" to 27°35'46" N Latitude and 77°36' 35" to 77°38' 44" E longitude. (ii) The project is a new project. The total plot area is 1,500 acres (607.02 ha). Total construction area will be 80,96,645 sqm. The project is a township layout development project. Total 36,000 dwelling unit (DU: 30,000, EWS: 3,000 & LIG: 3,000) shall be developed. Maximum height of the buildings will be governed by AAI. (iii) During construction phase, total water requirement is expected to be 200 KLD which will be met by private water tankers in nearby areas and/or the municipal water supply. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force. (iv) During operational phase, total water demand of the project is expected to be 27.78 MLD (considering entire built-up area) and the same will be met by the ground water till Municipal Water supply becomes available. Additionally 16.31 MLD recycled water will be available from STP for use. Wastewater generated 20.4MLD will be treated in STPs of cumulative 21 MLD capacity. 16.31MLD of treated wastewater will be recycled - 6.78MLD for flushing, 1.65MLD for Horticulture, 1.1MLD for road washing, 1.23 MLD for HVAC cooling and balance 5.55 MLD for construction purposes at township level/ irrigation in nearby farms. In case water remain unutilised it will be disposed into municipal drain/natural drain. (v) About 151.5 TPD solid wastes will be generated in the project. The biodegradable waste (60.60 TPD) will be processed in composting plant and the non-biodegradable waste generated (85.45 TPD) will be handed over to authorized local vendor. 5.45 TPD shall be recyclable waste. (vi) The total power requirement during construction phase is 40 KW and will be met from UPPCL and total power requirement during operation phase is 71 MW and will be met from UPPCL. (vii) Rooftop rainwater of buildings will be collected in 97 RWH tanks of total 55749 KLH capacity for harvesting after filtration.

- (viii) Parking facility for both four wheelers and two wheelers, which is proposed to be provided within plots by respective owners/developers against the requirement Mathura-Vrindavan Development Authority norms).
- (ix) Proposed energy saving measures would save about 50% of street & landscape lighting.
- (x) It is not located within 10 km of any Eco Sensitive areas such as National Park, Biosphere reserve, Wild life Sanctuary & Bird Sanctuary. Project lies within Taj Trapezium.
- (xi) There is no court case pending against the project.
- (xii) Investment/ Cost of the project is Rs. 1085 Crores.
- (xiii) Benefits of the project - The main benefit of the project comprises of employment potential, the improvements in the physical infrastructure, improvements in the social infrastructure and other tangible benefits. During construction phase, unskilled, semi-skilled and skilled labour will be getting employment throughout the construction period. During operation phase, persons will get directly employed in the group housing maintenance as well as service providers to the residents. Also, as apart of the corporate social responsibility, activities to benefit the people in nearby areas shall be undertaken.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Proposed Hi-Tech City, Mathura at Villages Jait, Sunrakh Bangar and Chhatikara, District- Mathura, Uttar Pradesh by M/s. Suncity Hi-Tech Projects Pvt. Ltd. in a total plot area of 1,500 acres and built-up area of 80,96,645 sqm.
- (ii) The project was granted Standard ToR by MoEFCC vide letter No. 21-53/2017-IA-III dated 15.03.2017.
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.

The Committee advised project proponents were advised to revise the Form -1 for the 1st phase only and also submit the following certificates/information:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (iii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.

	<ul style="list-style-type: none"> (iv) The Air Quality Index shall be calculated for base level air quality. (v) A detailed report on compliance to ECBC norms. (vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project. (vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
<p>25.3.15</p>	<p>Proposed Formation of Composite Housing Scheme at Yelachahalli, Gungral Chathra and Kallur Naganahalli Kaval Villages, Elivala Hobli, Mysore Taluk & District, Karnataka by M/s Karnataka Housing Board – Environmental Clearance (IA/KANCP/65736/2015; F.No. 21-357/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Ramky Enviro Services Private Limited gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is located at 12°23'42.61"N Latitude and 76°31'33.10"E Longitude. (ii) The project is new Area Development Project. The total plot area is 16,71,585.71 sqm the project will comprise of 6394 plots (EWS -1720, LIG -2159, MIG – 1752, HIG 1– 669, HIG 2 – 94 and group housing of 156 units). (iii) During the construction phase, total water requirement is expected to be 100 KLD which will be met by Bore wells. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labour force. (iv) During operational phase, total water demand of the project is expected to be 4941 KLD and the same will be met by the bore wells, cauvery water supply and treated water from STP. Wastewater generated 4412 KLD will be treated in 2 STPs of total 4500 KLD (2000KLD + 2500KLD) capacity. 1845 KLD of treated wastewater will be recycled (1548 KLD for flushing, 297 KLD for gardening). About 2347 KLD will be utilized by the Horticulture University for Plantation of Green belt in their premises adjacent to proposed KHB layout. (v) About 20.641 TPD solid wastes will be generated in the project. The biodegradable waste (10.321 TPD) will be processed in OWC and the non-biodegradable waste generated (7.224 TPD) will be handed over to authorized local vendor. (vi) The total power requirement during construction phase is 10 KVA and will be met from DG Set / Karnataka Power Transmission Corporation Limited (KPTCL) and total power requirement during operation phase is 23240 KVA and will be met from KPTCL (vii) Rain water harvesting structures will be provided by Individual plot owners within their plots. (viii) Individual plot owners will provide parking for 4 wheelers & 2 wheelers within their plot. (ix) Solar street lights will be proposed within the project, Individual plot owners will be instructed to use energy saving gadgets, etc. Viz. CFL bulbs, 5 Star rated home appliances (refrigerator, AC, water heaters), Low-e glass for windows, etc., Solar

energy for hot water requirement.

- (x) Krishnaraja sagara Reservoir is located in 2.4 kms (N), Arabbithittu Vanyadhama, Wildlife sanctuary – 10.2 km (SW), Ranganathittu Wildlife sanctuary – 13 km (E).
- (xi) There is no court case pending against the project.
- (xii) Cost of the project is Rs 589.62 Crores.
- (xiii) Employment potential - Construction Phase- 3000; Operation Phase - 1600
- (xiv) Benefits of the project - Improvements of Physical Infrastructure, Improvements in Social Infrastructure & Employment to locals.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Proposed Formation of Composite Housing Scheme at Yelachahalli, Gungral Chathra and Kallur Naganahalli Kaval Villages, Elivala Hobli, Mysore Taluk & District, Karnataka by M/s Karnataka Housing Board in a total plot area of 16,71,585.71 sqm.
- (ii) The project was granted ToR for the project by SEAC, Karnataka vide letter No. SEIAA 133 CON 2015 dated 13.10.2015.
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.

After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:-

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (viii) A certificate from the competent authority handling municipal solid wastes, indicating

	<p>the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
25.3.16	<p>Expansion of “ATS Le Grandiose” Group Housing Project, at Plot No. – SC-01/C-A1, Sports City, Sector- 150, Noida, Uttar Pradesh by M/s Nobility Estates Pvt Ltd – Environmental Clearance (IA/UP/NCP/67236/2017; F.No. 21-248/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s J M EnviroNet Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The Project is located at Latitude 28°25'30.42"N & Longitude 77°29'14.87"E, Plot No. – SC-01/C-A1, Sports City, Sector- 150, Noida, Uttar Pradesh. (ii) This is an Expansion Project. The Environmental Clearance for the existing (under construction) project was accorded by SEIAA, Uttar Pradesh vide EC letter No. 1693/Parya/SEAC/3192/2015/DD(Sh.) dated 06.01.2016. As of now approx area of 1,06,191.42 sqm has been constructed. (iii) The total project /plot area 80,937.130 sqm and built-up area 3,16,555.967 sqm. The FAR permissible and to be achieved is respectively 1,95,759.144 sqm & 1,95,702.213 sqm. The total nos. of proposed Towers and Floors are respectively 20 Tower + 2 Community Building & Floors are 2 Basement + Ground + Upper 25 Floor. Height of the highest building / towers will be 86.50 m. (iv) Water requirement during Construction Phase: Requirement of water during construction period will be 50 KLD (Approx.). Sock pits and septic tanks will be provided during construction phase. Temporary sanitation and toilets will be provided to labours during peak labour force. (v) Water requirement during the operation phase: The total water requirement of the project will be 673 KLD. The fresh water required will be 392 KLD; the recycled water demand will be 281 KLD. The waste water generated during the operation phase will be 442 KLD which will be treated in STP and whole of the treated water (397 KLD) available will be used for flushing (136 KLD), Road washing /Filter backwash (25 KLD) and Green Area Development (120 KLD) and 116 KLD Excess Treated Water will be discharged to Municipal Sewer. (vi) Total Solid Waste generated from Project (Permanent & visiting population) will be 2786.55 kg/day (Base of calculation @ 450 gm/person/day for Residential Population & @ 250 gm/person/day for Floating Population) will be proposed in OWC and the non-biodegradable waste generated will be handed over to authorized vendor. The area proposed for solid waste management site will be 60 sq. m. (vii) Power requirement: Connected Load-5552.593 KW, Source: State Electricity board, UP, 6 DG Sets of total capacity 5565.42 KVA (5 X 1010 KVA + 1 X 500 KVA) shall be provided for power back up in case of power failure. (viii) Rooftop rain water from the building will be collected in 8 RWH Pits and Rain Water collected from Paved Surface/Road Surface & Landscaped, Greens Area & Other Open Areas will be collected in water body provided on the project site. (ix) Total no. of parking required comes out to be 2331 ECS and. as per calculation and we are providing 2642 ECS. (x) Proposed energy saving measures would save about 13.12 % of total energy. (xi) It is not located within 10 Km of Eco Sensitive Areas.

- (xii) There is no court case pending against the project.
- (xiii) Employment potential of the project will be approx. 400 persons.
- (xiv) Project will increase local employment as well as good residential facilities.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Expansion of "ATS Le Grandiose" Group Housing Project, At Plot No. – SC-01/C-A1, Sports City, Sector – 150, Noida, Uttar Pradesh by M/s Nobility Estates Pvt Ltd. in a total plot area of 80,937.130 sqm and built-up of 3,16,555.967 sqm.
- (ii) This is an Expansion Project. The Environmental Clearance for the existing (under construction) project was accorded by SEIAA, Uttar Pradesh vide EC letter No. 1693/Parya/SEAC/3192/2015/DD(Sh.) dated 06.01.2016. As of now approx area of 1,06,191.42 sqm has been constructed.
- (iii) The project was granted Standard ToR by MoEFCC vide letter No. 21-248/2017-IA-III dated 07.09.2017.
- (iv) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.

The EAC deliberated on the Certified Compliance Report letter F.No. VII/Env/SCL/UP/1440/2017/167 dated 07.09.2017 issued by the MoEF&CC's Regional Office (CR), Lucknow and noted that as per the comments given in the Compliance Report, the Compliance status could be treated as satisfactory. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) An action taken report on environmental conditions (general condition no. 19 & 29) stipulated in earlier EC which have been stated as *agreed to comply with* as reported in Certified Compliance Report letter F.No. VII/Env/SCL/UP/1440/2017/167 dated 07.09.2017 issued by the MoEF&CC's Regional Office (CR), Lucknow.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (v) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (vi) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vii) A certificate of adequacy of available power from the agency supplying power to the

project along with the load allowed for the project.

- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.3.17 Expansion of 'IVY ESTATE' at Gat. No. 677,687 (P), 689 (P), 690 to 710 Village-Wagholi, Tal- Haveli, Dist- Pune, State - Maharashtra by M/s. Corolla Realty Ltd - Environmental Clearance (IA/MH/NCP/64937/2017; F.No. 21-198/2017-IA-III)

The project proponent and the accredited Consultant M/s Ultra-Tech gave a detailed presentation on the salient features of the project and informed that:

- (i) The project is located at 18°35'2.34"N latitude and 74° 0'15.06"E longitude.
- (ii) The proposed project is of expansion type. Construction as per Earlier EC vide letter No. SEAC III2014/CR135/TC-3 dated 16.07.2015 is initiated.
- (iii) The total plot area is 2,44,000.0 sqm and total construction (built-up) area is sqm. The project comprises of 158 Nos. of residential buildings with 12,380 Nos. of residential tenements, 5 school buildings, 64 no. of shops along with 5 club house and 1Yoga/Gym building. The details are as follows:

		As per EC					Amended Proposal					
No.	Building type	Name	No. of Floors	No. of buildings	Height of building (m)	Tenements	Building type	Name	No. of Floors	No. of buildings	Height of building (m)	Tenements
1	Building Type 1	(A, B, D)	P + 7	6	20.30	112 x 3 = 336	Building Type 1	(A, B, D)	P + 7	6	20.30	112 x 3 = 336
2	Building Type 2	C (Resi)	P + 12	1	37.95	142	Building Type 2	C (Resi)	P + 12	1	37.95	142
3	Building Type 3	E	P + 12	6	37.95	852	Building Type 3	E	P + 12	6	37.95	852
		F	P + 12	2	37.95	188		F	P + 12	2	37.95	188
		G	P + 12	4	37.95	376		G	G/P+11	8	36.00	696
		H	P + 12	1	37.95	142		H	P+11	3	36.00	393
4	Building Type 4	A	P + 12	2	37.95	188	Building Type 4	A	P + 12	2	37.95	188
		B	P + 12	3	37.95	282		B	P + 12	3	37.95	282
		C	P + 12	4	37.95	376		C	P + 12	4	37.95	376
5		Total		29						35		3453
6	Villas	Row houses	G + 1	72	7.30	72	Villas	Row houses	G + 1	72	7.30	72
		Twin Bungalows	G + 1	42	7.30	84		Twin Bungalows	G + 1	42	7.30	84
		Bungalows	G + 1	8	7.30	08		Bungalows	G + 1	8	7.30	08
	Total											3617
7	Shops	C (Essential Shopping)	G	41	3.50	---	Shops	C (Essential Shopping)	G	41	4.4	-----

								G Essential shops	G	60	4.4	-----
		School building	P + 4	3	17.75	---		School Building	P + 3	4	15.00	----
8	Total Population (Residential + Essential Shopping + School)											
9	-	Club house	G + 1	4	7.00	--	Club house	Club house	G + 1	5	7.15	----
10	-	-	-	-	-	-	School	School	P + 2	1	11.55	----
11					Total Residential 3046							3617

- (iv) During construction phase, total water requirement is expected to be 27 KLD which will be met by tanker. During the construction phase Temporary sanitary toilets will be provided with septic tank and soak pits during peak labour force.
- (v) During operational phase, total water demand of the project is expected to be 3078 KLD and out of the total 1727 KLD for Domestic purpose will be met by Bhima River, 10 KLD for Swimming Pool will be met by potable quality water tankers and the rest 1012 KLD will be met by recycled water. Waste water generated (2465 KLD) uses will be treated in one STP of total 2510 KLD capacity. 1341 KLD of treated waste water will be recycled (1012 for flushing, 329 for gardening). About 1001 KLD will be given to Forest area.
- (vi) About 9.69 TPD solid wastes will be generated in the project. The biodegradable waste (5.68 TPD) will be processed in OWC and the non- biodegradable waste generated (4.01TPD) will be handed over to PMC.
- (vii) The total power requirement during construction phase is about 62.5 KVA and will be met from Maharashtra State Electricity Distribution Company Limited (MSEDCL) and total power requirement during operation phase is 13847KVA will be met by MSEDCL Supply
- (viii) Roof top rain water of buildings will be recharged through 43 no. of recharge pit having size 1mt. x 1mt x 1.5mt for harvesting after filtration. RWH tank not planned.
- (ix) Parking facility for (3786 Proposed) four wheelers and 4351 two wheelers is proposed to be provided against the requirement of (1106 nos.) cars and 4351 nos. two wheelers two wheeler respectively (according to local norms).
- (x) Not located within 10km of any Eco Sensitive areas
- (xi) There is no court case pending against the project
- (xii) Investment/Cost of the project is Rs. 647 Crore.
- (xiii) Employment potential: Will create job opportunity for support staff like Security, Maintenance, household workers, Shop keepers etc.
- (xiv) Benefits of the project: Enhancement of the infrastructural facilities in the area. It will create job opportunity for support staff like Security, Maintenance, household workers etc.

During deliberations, the EAC noted the following:-

- (i) The proposal is for environmental clearance to the project 'Expansion of 'IVY

ESTATE” at Gat. No. 677,687 (P), 689 (P), 690 to 710 Village-Wagholi, Tal- Haveli, Dist- Pune, State - Maharashtra by M/s. Corolla Realty Ltd. in a total plot area of 2,44,000.0 sqm and built-up of 4,11,284.27 sqm.

- (ii) The Project is a Expansion Project. The Environnemental Clearance for the existing under construction project was accorded by SEIAA, Maharashtra vide letter No. SEAC- III-2014/CR135/TC-3 dated 16.07.2015.
- (iii) The project was granted Standard ToR by MOEFCC vide letter No. 21-198/2017-IA-III dated 20.07.2017.
- (iv) The project/activity is covered under category ‘A’ of item 8(b) ‘Townships and Area Development Projects’ of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.

The EAC deliberated on the Certified Compliance Report letter F.No. EC-511/RON/2017-NGP/2712 DATED 03.10.2017 issued by the MoEF&CC’s Regional Office (WCZ), Nagpur and reply given by the project proponent to non-compliance of EC conditions vide letter dated 27.10.2017 to MoEF&CC’s Regional Office (WCZ), Nagpur. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.3.18 Proposed Commercial Building Project- “Heritage Mall and Multiplex” at Plot No - 671,672,673,674.Tauzi No. – 5276, Thana No.- 36, Survey Thana – Danapur, Khagaul,

Village Mustafapur, Patna, Bihar by M/s Platinum Heritage Home Pvt. Ltd.– Environmental Clearance (IA/BR/NCP/70303/2017; F.No. 21-358/2017-IA-III)

The project proponent and the accredited Consultant Platinum Heritage Home Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:

- (i) The project is located at, Coordinate details of the project site is given below:-

Pillar No.	Lat.	Long.
P1	25°36'6.798"N	85° 2'33.661"E
P2	25°36'6.448"N	85° 2'36.266"E
P3	25°36'6.744"N	85° 2'36.346"E
P4	25°36'6.193"N	85° 2'38.857"E
P5	25°36'2.998"N	85° 2'38.159"E
P6	25°36'3.859"N	85° 2'34.641"E
P7	25°36'3.414"N	85° 2'34.654"E
P8	25°36'3.441"N	85° 2'33.970"E

- (ii) The project is new. The total plot area is 11,128.8 sqm and total construction (built-up) area of 54,083.80 sqm. The project will comprise of Commercial Building Project-“Heritage Mall and Multiplex” Buildings. Maximum height of the building is 38 m.
- (iii) During construction phase, total water requirement is expected to be 65 KLD which will be met through tankers arranged by the contractor. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (iv) During operational phase, total water demand of the project is expected to be 200 KLD and the same will be met by the 109 KLD Recycled Water as well as Ground Water. Wastewater generated (121 KLD) uses will be treated in STP of total 150 KLD capacity. 109 KLD of treated wastewater will be recycled (75 KLD for flushing 23 KLD for gardening) and 11 KLD AC make up water.
- (v) About 1 TPD solid waste will be generated in the project. The biodegradable waste (0.60 TPD) will be processed in composting which will be treated on terrace and the non-biodegradable waste generated (0.42 TPD) will be handed over to authorized local vendor.
- (vi) The total power requirement during construction phase is 75 KVA and will be met from DG Sets and total power requirement during operation phase is 3560 KVA and will be met from grid of Bihar State Electricity Board.
- (vii) Rooftop rainwater of buildings will be collected in 2 RWH tanks of total 81 KLD capacity for harvesting after filtration.
- (viii) Parking facility for 629 ECS four wheelers and two wheelers is proposed to be provided against the requirement of 35% of total built up area (13632.78 sqm, 551 ECS) respectively (according to local norms).
- (ix) Proposed energy saving measures would save about 14% (approx.) of power.
- (x) It is located within 10 km of Eco Sensitive areas. Details for the same is given below:

Sanjay Gandhi Biological Park	5.63 km- E
The River Ganga	4.18 km-N

- (xi) There is no court case pending against the project.
- (xii) Investment/Cost of the project is Rs. 80 Crore.
- (xiii) Employment potential. Mostly, local labor will be employed. Approximate 100 laborers will be hired during the construction phase and out of which 25 laborers will be residing in the labour colony during peak period of construction.
- (xiv) Benefits of the project : Job Opportunities, Benefits to Women, Wider Economic Growth and Social activities in the project.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Proposed Commercial Building Project- "Heritage Mall and Multiplex" at Plot No - 671,672,673,674.Tauzi No. – 5276, Thana No.- 36, Survey Thana – Danapur, Khagaul, Village Mustafapur, Patna, Bihar by M/s Platinum Heritage Home Pvt. Ltd. in a total plot area of 11,128.8 sqm and built-up area of 54,083.80 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at State level. However due to non existence of SEIAA/SEAC, Bihar the proposal is considered at Central Level.

After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) A certificate from the Forest Department to the effect that the proposed site does not infringe any migratory paths of wild animal.
- (ii) Clearance from National Board for Wildlife (NBWL) is required. Submit the status of application for NBWL clearance for the project.
- (iii) Water balance and STP Capacity should be revised.
- (iv) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (v) The Air Quality Index shall be calculated for base level air quality.
- (vi) A detailed report on compliance to ECBC norms.
- (vii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (viii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (ix) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (x) A certificate from the competent authority for discharging treated effluent/ untreated

effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.

- (xi) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.3.19 Expansion of “DLF Cyber Park” in Udyog Vihar, Sector 20, Gurgaon, Haryana by M/s DLF Cyber City Developers Limited- Environmental Clearance (IA/HR/NCP/65655/2016 ; F.No. 21-275/2017-IA-III)

The project proponent and the accredited Consultant M/s J M EnviroNet Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:

- (i) The project is located at 28°30'10.42" North latitude and 77° 5'23.76" East longitude.
- (ii) The project is an Expansion Project. The project has been granted Environmental Clearance by SEIAA, Haryana vide ref. SEIAA/HR/2015/31 dated 05.01.2015. Construction status: Under construction. Structural work of basements, ground floor and 3 floors is completed, construction of 4th floor under progress.
- (iii) The total plot area is: Licenced plot area = 47,817.58 sqm (11.816 acres), Plot area for FAR calculation = 46,852.81 sqm (11.5776 acres), Available plot area with project boundary = 41,601.62 sqm (10.28 acres). Floor (FAR) area is 182,661.34 sqm (Permissible FAR: 182,725.96 sqm). Total Built-up area is 3,59,310.28 sqm (including basements & other built up area). The project will comprise of a single building with three adjoining towers (Configuration: 4 level Basements + Ground Floor + 12 Floors). Maximum height of the building is 58.025m (terrace of topmost level floor). The details of the project are as follows:

Items	As per Earlier EC	Expansion Proposal	Variation	
Plot area (acre)	47,817.58 m ² (11.816 acres)	47,817.58 m ² (11.816 acres)	Nil	No Change
Built up area (m ²)	273,307.5	359,310.28	86,002.78	Increase
Ground coverage (m ²)	18,631.61	18,625.5	Nil	No Change
Number of floors	G+8 floors	G+12 floors	4	Increase
No. of level of basements	4	4	Nil	No Change
No. of parking (ECS)	3,542	4,425	883	Increase
Power requirement (kW)	13,152	16,427	3,275	Increase
Source of power	Nearby Energy Centre in DLF Cyber City	Grid supply of DHBVN		Change
Capacity of backup DG sets (kVA)	1,500	25,000	23,500	Increase
Total water requirement (kld)	1,325.9	1,872.6	546.7	Increase
Sewage treatment & disposal:				
a) Sewage generation (kld)	743.6	1,150.4	406.8	Increase
b) STP capacity (kld)	900	1300	400	Increase
c) Sewage discharge (kld)	Nil (zero discharge)	Nil (zero discharge)	Nil	No Change
No. and capacity of rain water harvesting pits	12 nos. (single bore) x 14.1 m ³ = 267.2 m ³	6 nos. (twin bore) x 54.4 m ³ = 326.4 m ³	59.2 m ³	Capacity Increase
Solid wastes generation (kg/day)	2,240	4,531	2,291	Increase
Green area (m ²)	10,799.32	8,392.95	-2,406.37	Decrease
Estimated population	13,286	39,085	25,799	Increase
Estimated Project cost (Rs. Crore)	412.67	1,439.11	1,026.44	Increase

- (iv) During construction phase, total water requirement is about 400 KLD which is being

met by: 10 KLD drinking water from HUDA tanker supply, 300-375 KLD for construction and sanitation from HUDA canal water supply and 30-45 KLD for sprinkling for dust suppression from HUDA STP water. Sanitary facilities are provided at site. Temporary mobile toilets have been installed at site. Sewage from the mobile toilets are stored in a sump from where it is being sucked and transported through tanker of authorised vendor and finally being disposed to HUDA STP.

- (v) During operation phase, total water requirement for the project is expected to be 1872.6 KLD. Out of the total water requirement, 779.7 KLD (41.6%) will be fresh water met from the Municipal/HUDA Supply, and the balance 1092.9 KLD (58.4%) will be met from recycle of treated sewage from the on-site STP.
- (vi) Wastewater generated during the operation phase (1150.4 KLD) will be treated up to the tertiary level in the proposed on-site Sewage Treatment Plant (STP) of 1300 KLD capacity. Out of the total 1092.9 KLD reuse of treated sewage, 563.2 KLD will be used for HVAC & cooling system, 496.1 KLD for toilet flushing and 33.6 KLD for horticulture in the project site. There will be zero discharge, as the entire (100%) treated sewage will be reused and recycled for cooling, horticulture and toilet flushing.
- (vii) About 4.531 TPD solid wastes will be generated in the project. The biodegradable waste 1.812 TPD will be processed in OWC and the non-biodegradable waste generated 2.719 TPD will be handed over to authorized local vendor.
- (viii) The maximum power load at site during construction phase is 260 KVA which is being met from 1x500 kVA DG set & 1x180 kVA DG set. Total power requirement during operation phase is 16,427 kW and will be met from grid supply of DHBVN.
- (ix) 6 number of twin-well rainwater harvest pits with total 12 number of recharge wells will be provided for recharge of groundwater.
- (x) Parking facility for 4,425 ECS is proposed to be provided against the requirement of 4,182 ECS (according to Haryana norms).
- (xi) Proposed energy saving measures would save about 31.86% of energy compared to conventional building. The project will be a GRIHA & LEED Certified Green Building ensuring energy conservation through energy efficient building envelope, lighting and HVAC system, maximum use of natural lighting, use of renewable solar energy and other prescribed energy conservation initiatives required for certification. The project has been awarded with a 4 STAR rating under GRIHA Pre-certification dated 12 June 2017.
- (xii) It is not located within 10 km of Eco Sensitive areas
- (xiii) There is no court case pending against the project.
- (xiv) Investment/Cost of the project is Rs.1439.11 Crore (estimated).
- (xv) Employment potential 35,532 persons (office workers).
- (xvi) Benefits of the project: Proposed commercial building project in the area will increase quality office space, employment opportunities and ancillary developmental activities.

During deliberations, the EAC noted the following:-

- (i) The proposal is for environmental clearance to the project 'Expansion of "DLF Cyber Park" in Udyog Vihar, Sector 20, Gurgaon, Haryana by M/s DLF Cyber City Developers Limited in a total plot area of 47,817.58 sqm and built-up of 3,59,310.28 sqm.
- (ii) The Project is a Expansion Project. The project has been granted Environmental

Clearance by SEIAA, Haryana vide ref. SEIAA/HR/2015/31 dated 05.01.2015.

- (iii) The project was granted Standard ToR by SEAC, Haryana for the project vide letter No. SEIAA/HR/17/200 dated 31.03.2017.
- (iv) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.
- (v) The proposal was earlier considered by EAC (Infra-2) in its 21st meeting held during 21-24 August, 2017. However, Project Proponent did not attend meeting and as such proposal was deferred.

The EAC deliberated on the Certified Compliance Report letter F.No. 4-1545/2015-RO(NZ)/413 dated 21.09.2017 issued by the MoEF&CC's Regional Office (NR), Chandigarh and noted several non compliances. It was also informed that Certified Compliance Report is not uploaded by the Project Proponent on the website of Ministry. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) An action taken report on environmental conditions stipulated in earlier EC which have been stated as not complied as reported in Certified Compliance Report letter F.No. 4-1545/2015-RO(NZ)/413 dated 21.09.2017 issued by the MoEF&CC's Regional Office (NR), Chandigarh .
- (ii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (iii) The Air Quality Index shall be calculated for base level air quality.
- (iv) A detailed report on compliance to ECBC norms.
- (v) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (vi) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.3.20 Development of Nargol Port at Valsad District, Gujarat by M/s. Cargo Motors Pvt. Ltd.- Reconsideration for Environmental and CRZ Clearance (IA/GJ/MIS/27560/2013; F. No. 11-4/2013-IA-III)

The project proponent and the accredited Consultant M/s L&T Infrastructure Engineering Ltd gave a detailed presentation on the salient features of the project and informed that:

- (i) M/s Cargo Motors Private Limited (CMPL) proposed to develop All Weather Multi Purpose Port at Nargol Village, Valsad district, Gujarat. CMPL has won the bid and was awarded the "Letter of Intent" from GMB on 30th August 2012 to develop the Greenfield Port in Nargol on Build, Own, Operate and Transfer (BOOT) basis. The Expert Appraisal Committee, MoEF&CC approved the ToR vide MoEF&CC letter no. F. No. 11-4/2013-IA.III dated August 22, 2013. The validity of the same was extended up to August 21, 2016 by MoEF&CC vide letter F.No. 11-4/2013-IA-III dated August 14, 2015. Further extension of ToR validity for one more year i.e. up to August 21, 2017 had also obtained from MoEF&CC vide letter dated July 12, 2016. Public Hearing for development of Nargol Port was conducted by GPCB on January 13, 2016 within the ToR validity period and submitted to MoEF&CC.
- (ii) The present development of Nargol Port is proposed in two phases i.e., Phase 1 and Phase 1A with cargo handling capacity of 26.13 Million Tons Per Annum (MTPA) and 49.33 MTPA respectively. The development plan consists of Three (03) berths in Phase 1 and Six (06) berths in Phase 1A (cumulative) to handle Coal, Containers, Ro-Ro, all general and Break Bulk cargo and Liquid Cargo as given in the EIA report. The project development features consists of development of Breakwaters/ Navigational requirements/Dredging/Reclamation/Backup Area, Rail Corridor etc.
- (iii) Total land requirement for Phase 1 and Phase 1A is about 175.5 Ha of which 171.5 Ha of land will be reclaimed land and ~4.0 Ha will be onshore forest land. The cargo planned to be handled at Nargol Port during Phase I and Phase IA are 26.13 MTPA and 49.33 MTPA. The dredging quantity during the Phase 1 is estimated to be ~16.54 MCM and ~13.65 MCM (additional) during Phase 1A including dredging at borrow area for the material required for reclamation. Around 8.55 MCM and 5.8 MCM of dredge material will be used for reclamation purpose during Phase 1 and Phase 1 A respectively. The excess material during Phase 1 will be about 7.99 MCM and during Phase 1 A about 7.85 MCM is proposed to be disposed at identified offshore disposal location.
- (iv) The requirement of water for various needs of the port and ships is estimated to be 1442 m³/day during Phase 1 and 2296 m³/day during Phase 1A of the project. The water shall be sourced from Tokar river. A STP of 65 KLD and Oil Water Separator of 20 KLD have been proposed which will be developed on modular basis.
- (v) The quantity of municipal solid waste generated from canteen and administrative areas is estimated about 0.15 TPD. It is proposed to provide Two (02) Nos. of Organic Waste Converter (OWC) of 100 kg/day at Port premises which will convert the organic waste in to odourless pre compost manure within 15- 20 minutes. The non-biodegradable and hazardous waste generated will be sent approved vendors of GPCB/CPCB.
- (vi) The power requirement during Phase 1 and Phase 1A will be 9156 KW and 7168 KW. The greenbelt development up to Phase 1A is 15 ha.
- (vii) During construction phase, the employment potential is estimated at about 1500-2000 personnel on direct basis and around 5000 on indirect basis. During operational phase, the port is likely to generate employment of 200-300 people on direct and around 2500-3000 on indirect basis.

- (viii) The physical demarcation of HTL and LTL was carried out by Institute of Remote Sensing (IRS), Anna University, Chennai which is an authorised agency by MoEF&CC. Nargol Port developmental Area falls in CRZ III, CRZ I (B) and CRZ IV (A) and the activities proposed in the CRZ area are permissible as per CRZ Notification, 2011 (as amended) as it requires waterfront and foreshore facilities. Proposed LSB complex is falling outside the CRZ Area.
- (ix) As the Nargol Port development also attracts CRZ notification 2011 (as Amended), Necessary documents for CRZ recommendation have been submitted to Gujarat Coastal Zone Management Authority (GCZMA). GCZMA recommendation was obtained vide Letter Ref. No: ENV-10-2015-249-E (T cell) Dated June 19, 2017 and same is submitted to MoEF&CC.
- (x) The project cost for the Phase 1 and Phase 1A development is Rs. 4603.5 Crores and Rs. 2110 Crores respectively.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental and CRZ Clearance to the project 'Development of Nargol Port at Valsad District, Gujarat by M/s Cargo Motors Pvt Ltd.
- (ii) MoEF&CC approved the ToR vide MoEF&CC letter no. F. No. 11-4/2013-IA.III dated August 22, 2013. The validity of the same was extended up to August 21, 2016 by MoEF&CC vide letter F.No. 11-4/2013-IA-III dated August 14, 2015. Further extension of ToR validity for one more year i.e. up to August 21, 2017 had also obtained from MoEF&CC vide letter dated July 12, 2016.
- (iii) Public Hearing for development of Nargol Port was conducted by GPCB on January 13, 2016 within the ToR validity period and submitted to MoEF&CC.
- (iv) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (v) The proposal was earlier considered in the 21st Meeting of Expert Appraisal Committee (Infra-2) held during 21-24 August, 2017. During the deliberation, the Committee noted that the information provided by the Project proponent is inadequate. Accordingly, the Committee sought some additional information.
- (vi) Project Proponent has submitted the additional information vide letter dated 23.09.2017. Copy of additional Information is available on the website.

After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) No Objection Certificate from the concerned State Pollution Control Boards for the projects involving discharge of effluents, solid wastes, sewage and the like.
- (ii) Stage-I Forest Clearance for 4ha land.
- (iii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on

cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

- (v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (viii) A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board.
- (ix) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.3.21 Development of Shipyard cum Capative jetties including a LNG Terminal at Nana Layja, Kutch district, Gujarat by M/s. Gujarat Integrated Maritime Complex Pvt. Ltd– Reconsideration for Environmental and CRZ Clearance (11-87/2011-IA-III; IA/GJ/MIS/636/2011)

The project proponent and the accredited Consultant L&T Infrastructure Engineering Ltd gave a detailed presentation on the salient features of the project and informed that:

- (i) IL&FS Maritime Infrastructure Company Limited (IMICL), is developing a Shipyard cum Captive Jetties including LNG Terminal at Nana Layja in Mandvi Taluka, Kutch District, Gujarat through its subsidiaries Gujarat Integrated Maritime Complex Private Limited (GIMCO) and Sealand Ports Private Ltd (SPPL).The shipyard includes ship building and ship repair facilities for handing small vessels upto Panamax/Baby capes.
- (ii) IMICL is also developing a Multi-Product Special Economic Zone (SEZ) and a Free Trade and Warehousing Zone (FTWZ) & DTA near Layja Mota Village (about 8.9 km from Nana Layja coast) through its subsidiaries - SPPL and Avash Logistic Private Limited (ALPL). SEZ will house 4000 MW Thermal Power Plant (TPP), 60 MLD Desalination Plant, 2000 MW Gas Power Plant (GPP), industries pertaining Focus Engineering goods, Textiles, Basic and Allied Chemicals, Shipping ancillary, Pharmaceuticals and Non metallic mineral products. To cater to the SEZ cargo, four captive jetties including LNG Terminal are also proposed along with the proposed shipyard facilities.
- (iii) The capacity planning of the proposed shipyard is 309 vessels for ship repair consisting of 109 small vessels, 200 Handy / Panamax and 20 vessels for ship building comprising of 10 small vessels, 10 Handymax vessels. Shipyard facilities consists of a shiplift (25,000 t capacity), one semi-tandem dry dock, nine dry berths, a outfitting quay, two piers for large ship afloat repairs, one pier for small ship afloat repairs, material supply quay & a shiplift lead-in and lay-by berth and various workshops. Captive jetties throughput is estimated as 17 MTPA of coal, 5 MTPA of

LNG unloading and 3 MTPA of general cargo. Proposed development include two breakwaters and approach channel with maximum dredged depth of (-) 19.4m CD and sea reclamation of about 181 ha.

- (iv) Comprehensive EIA has been prepared by M/s. L&T Infrastructure Engineering Limited based on ToR approved by MoEF&CC and addresses all issues pertaining to marine, terrestrial and socio-economic aspects of the project. A hydro-dynamic study of the effect of dumping of excess dredge material, sediment transport and shoreline changes have been studied and addressed in EIA report. The issues raised during the public hearing held on December 12, 2014 have also been addressed in the final EIA report which contains an Environment Management Plan covering all the above aspects. Air quality modelling study has been carried out which suggests ground level concentrations will be well within the National Ambient Air Quality Standards.
- (v) The CRZ mapping / HTL & LTL demarcation of the proposed project has been carried out by National Institute of Oceanography (NIO). The proposed project development fall within CRZ area and the activities are permissible as per CRZ Notification, 2011. Gujarat Coastal Zone Management Authority (GCZMA) has recommended the Project for CRZ Clearance to MoEF&CC vide its letter No. Env-10-2015-152-E (T Cell) dated 29.06.2016.
- (vi) The project presentation covering salient features of the project, related environmental impact, proposed Environmental Management Plan, Major issues raised during public hearing and response of PP was made during 11th EAC Meeting held on November 25, 2016. Few queries were sought and clarifications were submitted to MoEF&CC and EAC Members during Apr, 2017.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental and CRZ Clearance to the project 'Development of Shipyard cum Capative jetties including a LNG Terminal at Nana Layja, Kutch district, Gujarat by M/s. Gujarat Integrated Maritime Complex Pvt Ltd.
- (ii) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iii) Gujarat Coastal Zone Management Authority (GCZMA) has recommended the Project for CRZ Clearance to MoEF&CC vide its letter No. ENV-10-2015-152-E (T Cell) dated 29.06.2016. Public Hearing was conducted by the Gujarat Pollution Control Board on 12.12.2014.
- (iv) The proposal was earlier considered in the 21st Meeting of Expert Appraisal Committee (Infra-2) held during 21-24 August, 2017. During the deliberation, the Committee noted that the information provided by the Project proponent is inadequate. Accordingly, the Committee sought some additional information.
- (v) Project Proponent has submitted the additional information vide letter dated 06.09.2017 and uploaded on Ministry's website on 18.09.2017.

The Committee found additional information adequate. The committee was also given to understand that the project proponents are planning to use power and water from their own sources and that they have a NOC from the Pollution Control Board. The committee also felt that because of the nature of the project, a certification the traffic management plan may not be required as a prerequisite. In view of the above, the committee felt that the requirements of certificate may not be a prerequisite in this case. The EAC, on being satisfied with the submissions of the project proponent in response to its observations, recommended the project for grant of environmental and CRZ clearance and stipulated the following specific

conditions along with other environmental conditions while considering for accord of environmental and CRZ clearance:

- (i) Construction activity shall be carried out strictly according to the provisions of the 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) All the recommendations and conditions specified by the Gujarat Coastal Zone Management Authority vide letter No. ENV-10-2015-152-E (T Cell) dated 29.06.2016 shall be complied with.
- (iii) 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.
- (iv) Dredging shall not be carried out during the fish breeding season.
- (v) Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment.
- (vi) Dredged material shall be disposed safely in the designated areas.
- (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) While carrying out dredging, an independent monitoring shall be carried out by Government Agency/Institute to check the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.
- (x) Mitigative measures as given in the Marine Diversity Conservation Management Plan prepared by Centre for Advanced Studies in Marine Biology (CASMB), Annamalai University for protection of marine life, atmospheric environment and to promote turtle nesting shall be complied with in letter and spirit.
- (xi) As suggested in the Marine Diversity Conservation Management Plan Report submitted along with EIA Report, a continuous monitoring programme covering all the seasons on various aspects of the coastal environs need to be undertaken by a competent organisation available in the State or by entrusting to the National Institutes/renowned Universities with rich experiences in marine science aspects. The monitoring should cover various physico-chemical parameters coupled with biological indices such as microbes, plankton, benthos and fishes on a periodic basis during construction and operation phase of the project. Any deviations in the parameters shall be given adequate care with suitable measures to conserve the marine environment and its resources. Further the data collected shall also be compared with secondary data available for the Gujarat coast so as to arrive at a meaningful management plan.
- (xii) Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity.
- (xiii) The project proponents would also draw up and implement a management plan for the prevention of fires due to handling of coal.
- (xiv) Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the

	<p>spillage.</p> <p>(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.</p> <p>(xvi) All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.</p> <p>(xvii) Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.</p> <p>(xviii) Necessary arrangement for general safety and occupational health of people should be done in letter and spirit.</p> <p>(xix) 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> <p>(xx) All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO, MoEF&CC along with half yearly compliance report.</p>
<p>25.3.22</p>	<p>Redevelopment of Cargo Handling Facilities at outer terminal (near 2nd Oil Jetty) at Haldia Dock Complex, Kolkata Port (West Bengal) by Kolkata Port Trust - Reconsideration for Environmental and CRZ Clearance (IA/WB/MIS/31632/2015; F.No. 10-27/2015-IA-III)</p> <p>The project proponent and the accredited Consultant M/s WAPCOS Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project is located at latitude 22^o01' 39.1" N and Longitude 88^o 05' 29.8" E.</p> <p>(ii) The project is new. The total plot area is 10000 sqm on land and 4000 sqm on water. Total construction area of 14000 sqm. Project will comprise of one RCC Jetty and allied structures on the shore with pipelines Buildings.</p> <p>(iii) During construction phase, total water requirement is expected to be 17 KLD which will be met by Haldia Municipality. Soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.</p> <p>(iv) During operational phase, total water demand of the project is expected to be 274 KLD which consists of 200 KLD supply to the ships and about 70 KLD for greenbelt and rest for others; and the same will be met by the Haldia Municipality. Wastewater generated 3.24 KLD in package water treatment plant the treated water will be used for gardening.</p> <p>(v) Minimum quantity of solid waste will be generated from maximum 30 nos. of employees will be involved in the project. Only biodegradable wastes will be collected and disposed of by Haldia municipality. Hazardous wastes if any generated will be handed over to State Pollution Control Board authorized agency.</p> <p>(vi) The total power requirement is estimated maximum demand of Electricity is 0.7 MW and will be met from Haldia Dock Complex.</p> <p>(vii) Rooftop rainwater harvesting will not be done however the entire land of the plant area has to be levelled in such a way that Rain Water flows down to the RCC constructed Rain Water storage pond. Water will enter into the storage pond through filter bed. Filter bed will be made with different size of gravels and core sand. The filtrate will be stored in the pond. The same water will be used for industrial / fire-fighting purposes as</p>

well as for other non-critical purposes. The residue of the filter bed will be removed manually from time to time. Rain water in excess will flow into river Hooghly.

- (viii) Since the project is within the boundary of Haldia Dock Complex parking facility for four wheelers and two wheelers is sufficiently available within the dock areas for 30 numbers of employees and for other visitors.
- (ix) Proposed energy saving measures would save power: For this all total 150 kWp roof top solar PV Modules (Grid connected) have been installed and commissioned at different locations within HDC. Additionally 10 kWp solar PV Power Plant (with battery backup autonomy for two days) has been installed & commissioned at Nayachar Island. Other action taken for power savings are procurement & installation of (a) HT 33KV capacitor Bank Power, (b) Energy efficient Electrical appliances(c) LED lights (d)Time switches for Proper switching on & off of electrical appliances etc.
- (x) This port is not located within 10 km of Eco Sensitive areas
- (xi) There is no/court case pending against the project.
- (xii) Investment/Cost of the project is Rs. 94.59 Crores
- (xiii) Employment potential directly 30 persons will be involved however there is huge indirect potential of employment due to handling of cargo.
- (xiv) Benefits of the project: To increase lock window for handling of bulk cargo inside the impounded dock basin. Increase in berth productivity, by shifting low parcel size liquid vessel to outside lock gate. De-congest impounded docks, Infrastructure facilities for industrial development, Improvement of TAT and to meet demand of the shipping trade.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental and CRZ Clearance to the project 'Redevelopment of Cargo Handling Facilities at outer terminal (near 2nd Oil Jetty) at Haldia Dock Complex, Kolkata Port (West Bengal) by Kolkata Port Trust.
- (ii) The total plot area is 10000 sqm on land and 4000 sqm on water. Total construction area of 14000 sqm. Project will comprise of one RCC Jetty and allied structures on the shore with pipelines Buildings.
- (iii) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iv) The proposal was earlier considered in the 21st Meeting of Expert Appraisal Committee (Infra-2) held during 21-24 August, 2017. During the deliberation, the Committee noted that issues raised during the Public Hearing/Public Consultation were not properly addressed by the Project Proponent. After detailed deliberation, the Committee sought some additional information.
- (v) Project Proponent has submitted the additional information vide letter dated 13.09.2017 and uploaded on Ministry's website on 15.09.2017.

After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) No Objection Certificate from the concerned State Pollution Control Boards for the projects involving discharge of effluents, solid wastes, sewage and the like.
- (ii) A certificate from the local body supplying water, specifying the total annual water

	<p>availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.</p> <p>(iii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(iv) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(v) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(vi) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(vii) A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board.</p> <p>(viii) A detailed Plan for green belt development.</p> <p>(ix) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
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Day 2: Thursday, 30th November, 2017

25.4.1	<p>Proposed expansion & modernization of Super Specialty Hospital and Medical College, New Delhi by M/s New Delhi Holy Family Hospital Society - Terms of Reference (IA/DL/NCP/70228/2017; F.No. 21-347/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The New Delhi Holy Family Hospital Society, a charitable society, proposes to construct a Super Speciality Hospital and Medical College on its existing hospital campus site which will be razed to make way for this project. The project is located at Okhla road - the road to Jamia Milia Islamia.</p> <p>(ii) The Super Speciality Hospital and Medical College has been planned to be constructed meeting the guidelines of the Municipal Corporation and the Medical Council of India (MCI) norms.</p> <p>(iii) The project comprises of eleven (11) building blocks comprising basement with a maximum height of 60 metres and maximum fourteen (14) floors. The proposed project is on a Gross Plot area of 85,210.40 sqm (including area for road widening), Net Plot Area is 81,708.87 sqm and Built up area is 3,04,760.97 sqm.</p>
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- (iv) Total population of the proposed project will be 19544 which includes the population of 1609 Beds+670 Residential+17265 Floating.
- (v) The total water requirement for the project has been estimated to be 1757 KLD. This includes domestic water requirement flushing, D.G. cooling, HVAC and landscaping. The total fresh water requirement is 1015 KLD which includes domestic water requirement. The water requirement for flushing, DG Cooling, HVAC and landscaping will be met through treated water from STP+ETP.
- (vi) Total waste water generated is 907 KLD (740 KLD for treatment in STP & 167 KLD for treatment in ETP). The treated water will be recycled and re-used for flushing, D.G. cooling, HVAC and landscaping & there will be no excess treated water generation.
- (vii) The total electrical load demand has been estimated to be 8962 KW for the proposed project. The source of power will be from BSES.
- (viii) In case of power failure, DG sets of total capacity of 11250 KVA for the proposed project will be provided as power back-up.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Proposed expansion & modernization of Super Specialty Hospital and Medical College, New Delhi by M/s New Delhi Holy Family Hospital Society in a total built-up area of 3,04,760.97 sqm.
- (ii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.

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) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.
- (iii) Air Quality Index shall also be presented along with the baseline air quality data.
- (iv) Guidelines for best practices in the hospital Indoor Air Quality (AIQ) shall be enumerated in the EIA/EMP Report.
- (v) A detailed report on compliance to ECBC norms.
- (vi) Submit a detail Plan of tree cutting its impact and necessary permission from concerned Department.
- (vii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the

	<p>site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <ul style="list-style-type: none"> (ix) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering. (x) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project. (xi) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (xii) A certificate from the competent authority handling municipal solid wastes and bio-medical solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. and B.M.W. generated from project. (xiii) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.
25.4.2	<p>Proposed township development project is located at village – Sheojipura, District Jhajjar, Haryana by M/s Model Economic Township Limited Formerly Known As Reliance Haryana SEZ Limited – Terms of Reference (IA/HR/NCP/70274/2017; F.No. 21-348/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Perfect Enviro Solutions Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is a new project. The project will be located at Latitude- 28°31'.4349"N and Longitude- 76°44'08.70"E. (ii) The total plot area is 9,88,363 sqm (98.836 Ha). FAR area achieved will 9,80,106 sqm and total built up area will be 13,60,177.63 sqm. (iii) The project will comprise of Residential plots, Group housing, Commercial, Public utilities, Industrial area (comprising only Green & white category industries and excluding the 'A' & 'B' category industries as per the EIA Notification) and Facilities (Nursery School, Crech, Primary School, High school, Dispensary, Nursing home, Religious building, Club, Milk booth, Taxi stand). (iv) During construction phase, total water requirement will be met by tanker water supplier. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. (v) During operational phase, total water demand of the project has been estimated as 6,452 KLD and the same will be met by NCR Water supply. The total waste water generation will be 4,293 KLD. The generated sewage will be treated in in-house STPs of total capacity 5,100 KLD. In case of in any industry, if waste water quality does not match with the input water quality of STP, then in that case the industry will provide separate individual primary treatment before disposal in STP for further treatment. The treated water of 3,537 KLD shall be used for Flushing, D.G. & HVAC cooling, gardening and misc. purposes. The STP will be designed with FAB technology. 541 KLD of excess treated water shall be given to Tanker Water Supply for various construction activities in the nearby areas and misc. purpose. (vi) Total 17,120 kg/day Municipal solid waste will generate out of which 11,984 Kg/day of Bio-Degradable waste which would be compost in composting site within the site premises. The compost shall be used in green area & unused manure shall be given to

farmers/ nursery, ,280 Kg/day of Recyclable Waste shall be given to Authorized Recycler & 856 Kg/day of Plastic Waste shall be given to Authorized Recycler.

- (vii) The total power requirement during construction phase will be met from DG set of 2 x 62.5 KVA and total power requirement during operation phase will be 48,000 KVA and will be met from Uttar Haryana Bijli Vitran Nigam Limited (UHBVNL). Capacity of D.G. sets proposed for power back will be 5 x 500 KVA. Proper stack height shall be provided.
- (viii) Rainwater will be collected in RWH structures for recharging the ground water within project area.
- (ix) Parking for residential plots shall be provided within the individual plots as per NBC norms & For Commercial, Group Housing, Industrial & Facilities area 9,257 ECS parking will be provided on surface area & basement area.
- (x) Energy saving measures will be provided.
- (xi) The project is not located within 10 km of Eco Sensitive areas.
- (xii) There is no court case pending against the project.
- (xiii) Investment/Cost of the project is Rs. 244 Crores.
- (xiv) Employment potential: 57,662 persons.
- (xv) Benefits of the project: It will increase Infrastructure of the area & will provide better living style. It will provide housing facility & job opportunities with all basic amenities to various classes of people. It will provide healthy, green & safe premises for living. There will be Industrial area (comprising only Green & white category industries and excluding the 'B' & 'A' category industries as per the EIA Notification) also within the township. Thereby, further stimulating the local economy. It will cater the need of residential, commercial and allied services of the industrial colony for which An Environmental Clearance was granted vide letter no. 21-39/2011-IA.III, dated 16/08/2012 from Ministry of Environment & Forest for the development of "Model Economic Township

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Proposed township development project is located at village - Sheojipura, District Jhajjar, Haryana by M/s Model Economic Township Limited Formerly Known As Reliance Haryana SEZ Limited in a total built-up area of 13,60,177.63 sqm.
- (ii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.

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) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.
- (iii) Air Quality Index shall also be presented along with the baseline air quality data.

	<ul style="list-style-type: none"> (iv) A detailed report on compliance to ECBC norms. (v) Submit a detail Plan of tree cutting its impact and necessary permission from concerned Department. (vi) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users. (vii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments. (viii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering. (ix) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project. (x) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (xi) A certificate from the competent authority handling municipal solid wastes indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. (xii) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.
25.4.3	<p>Expansion of Residential cum commercial Project with MCGM parking lot at Plot Bearing C.S.No.464, Senapati Bapat Marg, Lower Parel Division Mumbai by M/s Jawala Real Estate Pvt. Ltd. – Terms of Reference (IA/MH/NCP/70314/2017; F.No. 21-349/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Mahabal Enviro Engineers Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is located at 19° 0'16.93"N latitude and 72°49'46.94"E longitude. (ii) The proposed project is Expansion of Residential & Commercial project with Municipal Car Parking Project.The Project comes within the municipal limits of Municipal Corporation of Greater Mumbai. (iii) Earlier EC granted by SEIAA, Maharashtra vide letter No. SEAC-2010/CR. 535/TC.2 dated 05.10. 2010 and further amended on 05.01.2011 and SEAC 2013/CR226/TC-1 dated 29.04.2013 for plot area 69,803.47 sqm, FSI area is 2,10,028.31 sqm and Total construction area is 9,61,070 sqm. As of today 6,59,228 sqm area has been constructed. (iv) The expansion is proposed in a total plot area of 69,803.47 sqm, FSI area of 2,53,787.6 sqm and total construction area of 9,80,222.24 sqm. The project will

comprises of 3 Residential building with 6 wings, Retail building, 12 town houses and Public Parking Lot shall be developed. Total Residential flats 2614, 11605 sqm of Retail area, MCGM car parking lot shall be developed. Maximum height of the building is 268 m.

- (v) During construction phase, total water requirement is expected to be 200KLD which is supplied by tanker water. During the construction phase soak pits and septic tanks are provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (vi) During operational phase, total water demand of the project is expected to be 2095KLD and the same will be met by fresh water from Municipal Corporation of Greater Mumbai (MCGM) and recycled water. Wastewater generated (1561KLD) will be treated in STPs of capacity 1800 KLD. 862 KLD of treated wastewater will be recycled (634 KLD for flushing, 200 KLD for gardening and 28 KLD for Reflection Pool). About 684 KLD will be disposed in to municipal sewer.
- (vii) About 7224 kg/d solid waste will be generated in the project. The biodegradable waste (4334 kg/d) will be processed in organic waste converter and the non-biodegradable waste generated (2890 kg/d) will be handed over to authorized local vendor.
- (viii) Total power requirement (Connected load) is 83.37MW and will be met from TATA Power.
- (ix) Rooftop rainwater of all buildings will be discharged in to rainwater harvesting tanks after filtration. The excess water from the tanks will be discharged in SWD
- (x) Parking facility for 6385 Nos. four wheelers and Municipal Parking lot: 4328 Nos. (PPL) and 237 is provided.
- (xi) Proposed energy saving measures would save about 24.4 % of power requirement.
- (xii) Project site is not located within 10 km of any protected area.
- (xiii) There is no court case pending against the project.
- (xiv) Investment /cost of the project is Rs. 4502 Crores.
- (xv) Employment potential: 900 Nos.
- (xvi) Benefit of the Project: The project will generate employment (labour employment of household activity, services, maintenance, plumbing, electricians) during operational phase which will benefit the local population in getting work opportunities. It will create long term employment in activities such as maintenance of the buildings and ancillary services.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Expansion of Residential cum commercial Project with MCGM parking lot at Plot Bearing C.S.No.464, Senapati Bapat Marg, Lower Parel Division Mumbai by M/s Jawala Real Estate Pvt. Ltd. in a total built-up area of 9,80,222.24 sqm.
- (ii) Earlier EC was granted by SEIAA, Maharashtra vide letter No. SEAC-2010/CR. 535/TC.2 dated 05.10.2010 and further amended on 05.01.2011 and SEAC 2013/CR226/TC-1 dated 29.04.2013 for plot area 69,803.47 sqm, FSI area 2,10,028.31 sqm and total construction area of 9,61,070 sqm. As of today 6,59,228 sqm area has been constructed.
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its

subsequent amendments, and requires appraisal at Central Level.

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) The EIA would include a Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.
- (ii) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (iii) Air Quality Index shall also be presented along with the baseline air quality data.
- (iv) A detailed report on compliance to ECBC norms.
- (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vi) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (vii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (x) A certificate from the competent authority handling municipal solid wastes indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- (xi) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.

25.4.4 Expansion and Modification Project 'Indian Institute of Technology' located at Village-Hauz-khas, New Delhi by M/s Indian Institute of Technology Delhi - Terms of Reference (IA/DL/NCP/70346/2017; F.No. 21-350/2017-IA-III)

The project proponent and the accredited Consultant M/s Grass Roots Research & Creation India (P) Ltd gave a detailed presentation on the salient features of the project and informed

that:

- (i) The project is located at Hauz-khas, New Delhi at Latitude: 28°33'1.94"N, Longitude:77°11'1.79"E
- (ii) The project is for Expansion. Earlier EC has been granted for the Existing Project vide letter F.No. 42/DPCC/ SEIAA-SEAC/10/1429 dated 11.11.2010 for a total plot area of 12,64,727 sqm and total built up area of 6,42,560 sqm (Existing Projects).
- (iii) Expansion of Indian Institute of Technology (being developed by Indian Institute of Technology, Delhi) Measures total plot area of 12, 64,727 sqm (312.5 acre) and built-up area of 7,70,563.07 sqm.
- (iv) During construction phase, water will be required which will be provided by STP. Sewage will be treated and disposed through septic tanks/soak pits. Sanitation facilities will be developed at site.
- (v) During operational phase, total water demand of the project is estimated to be 5416 KLD and the same will be met from DJB. Wastewater generated 2502 KLD for the Existing and Expansion will be treated in STP of total 3000 KL capacity. About 2289 KLD of treated wastewater will be generated which will be used for flushing, horticulture, HVAC Cooling.
- (vi) About 12,099 kg/d solid waste will be generated in the project. The biodegradable waste will be processed in OWC and the non-biodegradable waste will be handed over to local vendors.
- (vii) The power will be supplied by BSES. The maximum power demand will be 9000 KW.
- (viii) Parking facility for 8057 ECS is proposed to be provided against the requirement of 2180 ECS According to the local Norms.
- (ix) Proposed energy saving measures would save approx.15.66% energy.
- (x) Asola Wildlife Sanctuary Approx. 6.6 km (SW).
- (xi) There is no court case pending against the project
- (xii) Estimated Cost of the project is Rs. 458.73 Crore (Approx.).
- (xiii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiv) Benefits of the project: Direct & Indirect employment opportunities.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Expansion and Modification Project 'Indian Institute of Technology' located at Village-Hauz-khas, New Delhi by M/s Indian Institute of Technology Delhi in a total built-up area of 7,70,563.07 sqm.
- (ii) Earlier EC was granted by SEIAA, Delhi vide letter F.No. 42/DPCC/ SEIAA-SEAC/10/1429 dated 11.11.2010 for a total plot area of 12,64,727 sqm and total built up area of 6,42,560 sqm (existing projects).
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.

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

	<p><i>project/activity and the following ToR in addition to Standard ToR for preparation of EIA-EMP report :</i></p> <ul style="list-style-type: none"> (i) The EIA would include a Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied. (ii) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water. (iii) Air Quality Index shall also be presented along with the baseline air quality data. (iv) A detailed report on compliance to ECBC norms. (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users. (vi) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments. (vii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering. (viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project. (ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (x) A certificate from the competent authority handling municipal solid wastes indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. (xi) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.
25.4.5	<p>Redevelopment of Bombay Development Directorate (BDD) Chawls at Worli, Mumbai, Maharashtra by M/s Mumbai Housing And Area Development Board A Regional Unit of MHADA - Terms of Reference (IA/MH/NCP/70367/2017; F.No. 21-351/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s ULTRA TECH gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) This project involves Redevelopment of existing buildings / structures along with Construction of Reservation & permissible Sale component. Eligible Tenants of BDD chawls will be provided with Tenement of 500 sq. ft. Carpet area, free of cost on

ownership basis . The project principally involves Rehabilitation of all eligible structures i.e. chawls, stalls , amenity structures , Religious places , hutments etc. within BDD layout at Worli. Building details are as follows:

Building type	No. of Buildings	Flats /Shops/ Units
Redevelopment	87 Residential Buildings	Total Flats: 9812 Nos. Shops: 639 Nos. Balwadi: 9 Nos. Welfare Centre: 9 Nos. Society Offices: 8 Nos. Police Chowki: 6 Nos. Bank: 4 Nos. Fitness Centre: 7 nos. Dispensary: 8 Nos. Nursing Home: 4 nos. Post Offices: 3 Nos. Library: 8 Nos. Community Hall: 7 Nos.
Reservation	1 School Building	--
Sale	10 Residential Buildings & 1 Commercial building	Total Flats: 4996 Nos. Offices Club House

(ii) Area Details are as follows:

1. Plot Area: 2,21,424.81Sq.mt.
2. Recreational Ground Area: 19,584.23Sq.mt.
3. Built up Area as per FSI: 11,15,242.30Sq. mt.
4. Total Construction Built-up Area (FSI + NON FSI): 23,66,984.04Sq. mt.

(iii) Water requirement, Sewage & Solid waste generation: Total water requirement is 10613KLD and sewage generation is 9155KLD. Domestic water requirement will be 6974KLD (Source: M.C.G.M.). Treated sewage will be used for flushing (3576 KLD) and gardening (63KLD). Total solid waste generation is 34517Kg/day

(iv) There are total 121 nos. of Chawls at project site. These Chawls are of Ground + 3 floors with 20 flats on each floor. There are 9394 nos. of residential units, 418 nos. of Slum rehabilitation units and 639 nos. of commercial units. Transit accommodation shall be provided for the same.

(v) Investment/Cost of the project is Rs. 10730 Crore.

(vi) Employment potential: During construction phase temporary employment to many unskilled and semi-skilled laborers. During operation phase A primary and Secondary school with 352 staff would benefit the nearby population. The completion of project will eventually lead to permanent job opportunities to the local & nearby residents as there would be increased demand for security, kitchen help, etc. There would be convenient shops which could provide livelihood opportunity to more than 1917 persons after completion. The total commercial space in the project would need a staff of about 4511 persons.

(vii) Benefits of the project: The redevelopment endeavor would provide the tenants with homes and contemporary living conditions which would improve their quality of life. The project is planned using best principles of urban design considering socio-economic growth, sustainability and cost effectiveness to be achieved through building efficient

infrastructure with modern amenities and wide roads, promoting sustainable living and creation of green open spaces.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Redevelopment of Bombay Development Directorate (BDD) Chawls at Worli, Mumbai, Maharashtra by M/s Mumbai Housing And Area Development Board A Regional Unit of MHADA in a total built-up area of 23,66,984.04 sqm.
- (ii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.

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) The EIA would include a Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.
- (ii) Recommendation/Permission from MCZMA.
- (iii) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (iv) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.
- (v) Air Quality Index shall also be presented along with the baseline air quality data.
- (vi) A detailed report on compliance to ECBC norms.
- (vii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (ix) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (x) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (xi) A certificate from the competent authority for discharging treated effluent/ untreated

	<p>effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(xii) A certificate from the competent authority handling municipal solid wastes and bio-medical solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. and B.M.W. generated from project.</p> <p>(xiii) The EIA should also give a compliance plan to conditions stipulated in Annexure XIV of the amended EIA Notification vide S.O. 3999 (E) dated 09.12.2016.</p>
25.4.6	<p>Expansion of facilities at Port Redi, Sindhudrug, Maharashtra by M/s Redi Port Ltd – Reconsideration for Environmental and CRZ Clearance (IA/MH/MIS/38095/2010; F.No. 11-15/2010-IA-III)</p> <p>The project proponent and the accredited Consultant M/s L&T Infra Engineering gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) Environmental Clearance is being sought by Redi Port Limited (RPL) for its expansion plan, located at Redi Village, in Vengurlataluk of Sindhudurg district, Maharashtra (15^o44'05" N Latitude and 73^o 40'01" E Longitude).</p> <p>(ii) Redi Port (fair weather port) has existing facility with two working jetties performing lighterage operations since more than 40 years and handles up to one MTPA of iron ore. The expansion of port is planned in two phases i.e., Phase I and Phase II to handle 13.74 MTPA of cargo; development comprises of Three (3) berths for handling dry bulk cargo, general cargo and development of navigation and back up facilities. The proposed development will be over an area of 98 ha is within the already notified limits of the port. Out of 98 ha, 64.22 ha of land is planned to be reclaimed for the port development purpose and remaining 33.78 ha is the onshore land.</p> <p>(iii) Road/rail connectivity will be developed for the port; a road 4.5 km to connect Terekhol road and a rail line of ~17 km to connect Konkan railways line will be developed. The total land area requirement for the road/rail corridor development is about 90 acres. As per the concession agreement with Maharashtra Maritime Board (MMB), the land for port expansion shall be provided by Government of Maharashtra.</p> <p>(iv) The Project (Phase I and II) includes development of Northern Breakwater of 100 m and a Southern breakwater of length 1800 m connected to a rock bund of length 2150m which protects the reclaimed land area. The approach channel is proposed to have a length of 4565 m and width of 165m with a dredge depth of (-) 15.1 m. The turning circle is designed so as to handle 60,000 DWT vessels with a diameter of 460m and dredged depth of (-) 14.5m. The total estimated quantity of capital dredged material is about 3.36 MCM out of which 0.93 MCM will be used for reclamation and remaining material will be disposed off in designated offshore area between (-) 25 m to (-) 30 m depth. Estimated maintenance dredging will be about 0.34 MCM. Material required for reclamation is estimated at about 5.5 MCM which will be sourced dredged material and borrow material.</p> <p>(v) The water requirement up to phase II expansion of port is 310 m³/day which will be met from Tilari canal and the necessary treatment facilities will be provided.</p> <p>(vi) The EIA has been prepared by L&T Infrastructure Engineering Limited based on TOR approved by MoEF and addresses all issues pertaining to marine, terrestrial and socio-economic aspects of the project. A hydro-dynamic study of the effect of dredge material dumping, shoreline changes has been carried out which suggests that there shall not be any significant impact on the shoreline abutting the project.</p> <p>(vii) The issues raised during the public hearing held on September 12, 2011 have also</p>

been addressed in the final EIA report which contains an Environment Management Plan covering all the above aspects. A fugitive dust modelling study has been carried out which suggests ground level concentrations to be well within the National Ambient Air Quality Standards.

- (viii) The CRZ mapping of the proposed locations including demarcation of HTL and LTL has been carried out by NIO which suggests that the development area falls within CRZ I (B), CRZ III and CRZ IV. The project development area does not fall or contain any environmentally sensitive areas as specified in CRZ Notification and proposed port development is a permissible activity in CRZ area as per CRZ Notification, 2011. Maharashtra Coastal Zone Management Authority (MCZMA) has recommended the Project to MOEF&CC.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental and CRZ Clearance to the project 'Expansion of facilities at Port Redi', Sindhudrug, Maharashtra by M/s Redi Port Ltd.
- (ii) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iii) The proposal was earlier considered in 12th meeting held on 26-28 December, 2016, 15th meeting held on 12-14 April, 2017 and 21st Meeting held on 21-24 August, 2017 wherein the Committee sought some additional information.
- (iv) The Project Proponent submitted/uploaded the additional information on 26.09.2017 on Ministry's website.

The committee was given to understand that all comments received during the Public Hearing have been addressed to by the project proponents. The committee advised that the following certificates/information be provided.

- (i) An affidavit from the project proponents that all concerns expressed in the public hearing, either orally or written, have been adequately taken care of and that there is no cause for public concern remaining.
- (ii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (iii) No Objection Certificate from the concerned State Pollution Control Boards for the projects involving discharge of effluents, solid wastes, sewage and the like.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.

	<p>(vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(viii) A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board.</p> <p>(ix) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
25.4.7	<p>Development of the facilities envisaged in the port master plan (Phase III) of M/s Kamarajar Port Limited - Reconsideration for Environmental and CRZ Clearance (IA/TN/MIS/31769/2015 ; F.No. 11-51/2012-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Indomer Coastal Hydraulics (P) Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) Kamarajar Port (erstwhile Ennore Port) is the 12th Major Port and the only Corporate Major port in the country. It is located on the East coast of India in the State of Tamil Nadu.</p> <p>(ii) Development of Ennore Port Project at a cost of Rs.1058.52 Crores was completed and commissioned in June 2001 with two Coal Berths in Phase-I to handle thermal coal for the Thermal Power Stations of Tamil Nadu.</p> <p>(iii) After the commissioning of Ennore Port, keeping in view the trade demand to handle other cargo items like LPG, POL, Chemicals, Edible Oils, Containers, etc., the Phase II Expansion of Ennore Port was planned. Ministry of Environment and Forests had accorded Environmental Clearance vide letter No.10-28/2005-IA-III dated 19.05.2006 for the following projects including associated capital dredging of 15.5 million cubic meters.</p> <ul style="list-style-type: none"> ▪ Marine Liquid Terminal to handle 3 MTPA (BOT basis) ▪ Coal Terminal to handle 8 MTPA (BOT basis) ▪ Iron Ore Terminal to handle 12 MTPA (BOT basis) ▪ Container Terminal to handle 12 MTPA (700mtr quay length) and subsequently modified to handle 18 MTPA (1000 mtr quay length) vide MoEF letter No.10-28/2005-IA-III dated 10.09.2007 <p>(iv) Subsequently, a General Cargo Berth with Car parking area was developed for the export of Cars and handling project cargo, etc. Ministry of Environment and Forests had accorded clearance vide Letter No. 11-21/2009-IA-III dated 23.7.2009.</p> <p>(v) The container terminal, which was cleared in the Phase II expansion was modified to handle containers in a quay length 730 m to handle cargo of 16.8 MTPA and a multi cargo berth in a quay length of 270m to handle 2.0 MTPA are being developed. MoEF&CC vide letter No. 10-28/2005-IA.III dated 24.12.2014 has accorded environmental clearance.</p> <p>(vi) An LNG terminal is also being developed inside the port by M/s. IOCL. MoEF&CC has accorded Environment & CRZ clearance vides letter No. 11-30/2011-IA.III dated 10.2.2014.</p>

(vii) Further, Port developed two additional coal berths (CB3&CB4) each 9 MTPA capacity. MoEF&CC has accorded environmental and CRZ clearance vide No F.11-51/2012-IA.III dated 12.03.2015.

(viii) **Present expansion proposals- Master plan projects Phase III**

Due to cargo demand and to effectively use the facilities already created, it is proposed to develop the following projects (as shown in Table below) as envisaged in the Kamarajar Port master plan phase III. The projects will be developed in a phased manner in line with the market requirements, well within the existing break waters (Port Basin) and in the lands owned by Kamarajar Port.

S.No	Description	Qty	Capacity
1	Automobile export/import terminal- (2Berths)	2nos	6 MTPA
2	Container terminal -1000m quay length(3berths)	1no	24 MTPA
3	Marine Liquid Terminal	1nos	5 MTPA
4	IOC captive jetty	1 nos	5 MTPA
5	Bulk terminal (coal/ore/other type-2Berths)	2 nos	18 MTPA
6	Multi cargo berth	1 no	2 MTPA
7	Associated capital dredging for the above projects	33.0 million m ³	
Total number of projects		8 Nos.	60 MTPA

- (ix) The total quantity of capital dredging for Master plan Phase III projects development will be 33 million Cu.m. KPL has proposed to dispose the entire volume at the designated offshore disposal location or to use a minor part of the dredge sediments for land reclamation/ beach nourishment if necessity arises. In that case, the dredging quantity of 5 million Cu.m to 10 million Cu.m will be used for reclaiming the area between north of north break water to the northern boundary of the port (1.8 km length). Also the dredged sand can be utilized for reclaiming the land associated with Northern Rail Connectivity projects and other projects based on requirement. The rest of 23 million Cu.m to 28 million Cu.m will be disposed into the sea at a suitable location offshore. If the above is not possible the entire quantity will be dumped at sea in the designated area.
- (x) The area for offshore disposal was chosen 5400 m x 5400 m spread over 5 km to 10 km offshore at varying depth from 25 to 50 m CD water depth. After the suggestions by the State CRZ Committee, it has been extended to 6000 m x 6000 m spread over the depth of 25 to 55 m CD as per the revised study conducted by M/s Indomer.
- (xi) All these projects are tentatively scheduled for completion by 2020-21 in phases commensurate with the demand.
- (xii) The site falls in inter tidal zone CRZ-IB, CRZ-III and CRZ IV areas. The proposed facilities fall under the limits of Kamarajar Port. As per CRZ notification 2011, the proposed facilities are permissible activities under CRZ III. Recommendation of Coastal Zone Management Authority granted vide Letter No.: 12311/EC.3/2017-1, dated 20.7.2017
- (xiii) Name of eco- sensitive area and distance from the project site: No. However Buckingham canal, Kosasthalaiyar river and few mangrove patches are in and around the project area. The development of the bulk terminal stack yard, conveyor routing will be constructed without affecting the above.
- (xiv) Adequate quantity of water (1000 KLD) is available from Chennai Metro water supply. However additional quantity required if any will be met through outsourced external agency.
- (xv) There will be only mechanical waste generation from the proposed project. Port has

	<p>facilitated reception facilities under MARPOL for the disposal of solid waste. Wastes generated from port and from the visiting ships are sent to various re-cyclers for further beneficial use.</p> <p>(xvi) Port has facilitated reception facilities under MARPOL for the disposal of Waste/ used oil from the ships through empanelled list of CPCB approved waste oil recyclers.</p> <p>(xvii) Investment/Cost of the project is Rs. 6415 crores (for eight projects).</p> <p>(xviii) Employment potential: It will generate marginal/indirect employment opportunities.</p> <p>(xix) Benefits of the project: It will help for Socio-Economic development of the region and the state. The proposed project will generate marginal/indirect employment opportunities.</p> <p><i>During deliberations, the EAC noted the following:-</i></p> <p>(i) The proposal is for grant of Environmental and CRZ Clearance to the project 'Development of the facilities envisaged in the port master plan (Phase III) of M/s Kamarajar Port Limited.</p> <p>(ii) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.</p> <p>(iii) The proposal was earlier considered in 21st Meeting held on 21-24 August, 2017 wherein the Committee sought some additional information including Certified Compliance Report of the conditions stipulated in the earlier environmental clearances issued for the project.</p> <p>(iv) The Project Proponent submitted the additional information vide letter dated 26.09.2017 and uploaded on Ministry's website on 28.09.2017.</p> <p><i>In view of the representations received in the Ministry and also forwarded to the Committee Chairman and Members, the committee recommended that a sub-committee consisting of Mr. K. Gowrappan and Dr. Ayi Vaman N. Acharya, Member of the EAC(Infra-2) should be deputed to visit the site and give its report for further deliberation.</i></p> <p><i>The proposal was, therefore, deferred.</i></p>
25.4.8	<p>Relocation of Air Traffic Control Tower and Technical Block in existing Airport Complex at NSCBI Airport, Kolkata by M/s Airports Authority of India – Reconsideration for Environmental Clearance (IA/WB/MIS/59549/2016; F.No. 10-71/2016-IA-III)</p> <p>The project proponent and the accredited Consultant M/s PERFACT Enviro Solutions Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The proposed project Relocation of Air Traffic Control Tower & Technical Block shall be done at Netaji Subhash Chandra Bose International Airport, District – 24 Parganas (North), Kolkata, West Bengal by Airport Authority of India. The airport project has already got the Environmental clearance vide letter no 10-160/2007-LA-III dated 18.03.2008 for built-up area 22,400 sqm.</p> <p>(ii) Now, the existing Air Traffic Control Tower and Technical Block needs to be relocated, as parts of the apron area and taxiway to be commissioned for the new integrated terminal building is out of visual coverage from the existing ATC tower. So, for safe aircraft movement this relocation is necessary.</p> <p>(iii) Airport Authority of India proposed the construction of a new ATC tower on a land</p>

area of 9,625 sqm with built up area 26,370 sqm. The proposed facility is not a fresh proposal, but only relocation of an existing facility already in operation with no revision in population and other environmental parameters. The project is covered under Schedule 7(a) of the EIA notification, 2006.

- (iv) The Application was submitted to MoEF&CC on 05.09.2016. Then the case was appraised in 10th EAC meeting (Infra-II) being held on 25.10.2016 & TOR was granted vide letter No. 10-71/2016-IA-III dated 24.11.2016. Public hearing has been exempted as per ToR Granted. As per the TOR granted, EIA report has been prepared and was submitted online MoEF&CC portal under Category 7 (a) "A" on 05.07.2017. Then our case was listed in 21st EAC meeting being held on 21.08.2017 for grant of Environmental Clearance. During the meeting, our case was not appraised as we were asked to submit first the Certified Compliance Report on the compliance of the conditions stipulated in the earlier environmental clearance issued for the project. We had received the Certified Compliance Report on 19-09-17. The same has been submitted on MoEF&CC portal on 07.10.17.
- (v) The Total plot area of the Airport is 66,40,861.64 sqm (1641.34 Acres) and the built-up area is 1,80,864 sqm.
- (vi) The total area of the ATC tower will be 9,625 sqm out of which 3,357 sqm shall be utilized as ground coverage. Total FAR for technical tower will be 19,864 sqm and for control tower it will be 2,038 sqm. The total built up area of the tower will be 26,370 sqm. Maximum no. of floors will be G+10. Maximum Height of the tower will be 52 m. The total Population of the airport is 50945, Out of which population of the ATC towers will be 770 (Staff (technical tower) -700, Staff (Control Tower) - 50, Visitors - 20)
- (vii) **Existing Airport** - At present total water requirement of existing airport is approx. 1130KLD (Fresh water- 569 KLD) and it is being met by already existing borewell. Water is being used mainly for flushing, drinking, HVAC, DG Cooling & horticulture purposes. Present total waste water generation from existing airport is approx. 706 KLD which is treated in existing STP of 3750. Treated Water of 561 KLD is being used mainly for flushing, HVAC, DG Cooling & horticulture purposes.
- (viii) **Proposed ATC Tower Cum Technical building** - water requirement for proposed ATC Tower Cum Technical building will be 145 KLD (Fresh water- 19 KLD) and will be met by Municipal Supply for which we have already applied. Water shall be used mainly for flushing, drinking, HVAC, DG Cooling & horticulture purposes. Waste water generation from Proposed ATC Tower Cum Technical building will be approx. 31 KLD which will be treated in existing STP of 3750. Treated Water of 126 KLD (110 KLD from excess treated water and 16 KLD from treated water generated from existing STP) shall be used mainly for flushing, HVAC, DG Cooling & horticulture purposes.
- (ix) **Total after relocation of ATC Tower Cum Technical building** – Total water requirement of Airport after relocation of ATC Tower Cum Technical building will be 1240 KLD (Fresh water- 569 KLD) and will be met by existing borewell & Municipal Supply (for which we have already applied). Water shall be used mainly for flushing, drinking, HVAC, DG Cooling & horticulture purposes. Total waste water generation from airport after relocation of ATC Tower Cum Technical building will be approx. 706 KLD which will be treated in existing STP of 3750. Treated Water of 671 KLD shall be used mainly for flushing, HVAC, DG Cooling & horticulture purposes. 2 No. of RWH pits shall be provided for proposed ATC Tower Cum Technical building, storm water recharging to ground.
- (x) The total power requirement for proposed ATC Tower Cum Technical building will be

4800 KW which will be provided by Calcutta Electric Supply Corporation Ltd. D.G. Set of capacities 3 x 1500 KVA shall be installed in acoustically enclosure with anti-vibration pads and shall be used during Power failure only. Hence, to avoid the emissions, stack height of 6 m above roof level for D.G. sets of capacities 3 x 1500 KVA shall be installed to reduce the air emissions, meeting all the norms prescribed by CPCB.

- (xi) **Existing Airport** - At present solid waste generated from the existing Airport is approx. 7642 Kg/day (Organic- 5349 Kg/day & Recyclable-2293 Kg/day). The Organic waste generated is being disposed off to MSW site & Recyclable waste is sent to approved recycler. 156ltrs/month used oil is being generated from the DG sets and given to approved vendor.
- (xii) **Proposed ATC Tower Cum Technical building** –Solid waste generated from for proposed ATC Tower Cum Technical building will be approx. 116 Kg/day (Organic- 82 Kg/day & Recyclable-34 Kg/day). The Organic waste generated will be disposed off to MSW site & Recyclable waste is sent to approved recycler. 36ltrs/month used oil will be generated from the DG sets and given to approved vendor.
- (xiii) **Total after relocation of ATC Tower Cum Technical building** – Total Solid waste generated from airport after relocation of ATC Tower Cum Technical building will remain the same and will be approx. 7642 Kg/day (Organic- 5349 Kg/day & Recyclable-2293 Kg/day). The Organic waste generated will be disposed off to MSW site & Recyclable waste is sent to approved recycler. 192ltrs/month used oil will be generated from the DG sets and given to approved vendor.
- (xiv) Parking Provision for proposed ATC Tower Cum Technical building as Surface parking within premises will be 65 cars 34 Two wheelers, Surface parking outside premises will be 66 cars and Basement Parking 86 cars & 40 two wheelers.

Project Details of Airport

Particulars	Existing Airport	New ATC Tower	After Relocation of ATC Tower
Total Plot area of Airport	6640861.64 sqm (1641.34 Acres)		6640861.64 sqm (1641.34 Acres)
Plot Area of Terminal	59850 sqm	9625 sqm	59850 sqm
Ground Coverage (achieved)	59850 sqm	3357 sqm	63207 sqm
Built up area (FAR + BASEMENT AREA)	180864 sqm	26370 sqm	207234 sqm
Basement Area	66340 sqm	4468 sqm	70808 sqm
Surface parking area	28350 sqm	3380.5 sqm	31730.5 sqm
Staff	945	750 (Shifting of staff from existing ATC)	945
Visitors	50,000	20 (Shifting from existing ATC)	50,000
Total Population	50945	770 (Shifting from existing ATC)	50945
Water Requirement	1130 KLD	110 KLD	1240 KLD
Waste Water Generated	706 KLD (Treated in STP)	31 KLD (Included in existing Airport)	706 KLD (Treated in STP)
Total Capacity of STP	750 KLD		3750 KLD
Power Load of ATC Tower	250 KW (ATC Tower)	4800 KW (ATC Tower)	4800 KW (ATC Tower)
No. of DG Sets	3 x 1500 KVA - 30 m stack height above ground level	3 x 1500 KVA - 6 m stack height above roof level	3 x 1500 KVA
Total Solid Waste Generation	7642 Kg/day	116 Kg/day (Included in existing Airport)	7642 Kg/day

Organic Waste Generation	5349 Kg/day (Disposed off at MSW Site)	82 Kg/day (Disposed off at MSW Site) (Included in existing Airport)	349 Kg/day (Disposed off at MSW Site)
Recyclable Waste	2293 Kg/day (Is given to approved Recycler)	34 Kg/day (Given to approved Recycler) (Included in existing Airport)	2293 Kg/day (Given to approved Recycler)
Used Oil generation	156 lt/month (Is given to approved Recycler of CPCB)	36 lt/month (Given to approved Recycler of CPCB)	192 lt/month (Given to approved Recycler of CPCB)
Activities	Main Runway, Secondary Runway, Link Taxi Tracks, Apron, Cargo Terminal, Integrated Passenger Terminal, Fire Station, Hanger, Taxi stand (Car parking/Taxi/Volvo Bus stand), ATC, ATM, CNS	ATC, ATM, CNS (Only relocation of Existing Tower)	Main Runway, Secondary Runway, Link Taxi Tracks, Apron, Cargo Terminal, Integrated Passenger Terminal, Fire Station, Hanger, Taxi stand (Car parking/Taxi/Volvo Bus stand), ATC, ATM, CNS (Also ancillary maintenance work shall be carried out)

DETAILS OF ATC TOWER

S. NO.	DESCRIPTION	EXISTING ATC TOWER DETAILS	PROPOSED DETAILS OF ATC TOWER
1.	Total Plot area	9625 sqm	9625 sqm
2.	Ground Coverage (Achieved)	3200 sqm	3357 sqm
3.	FAR (Technical Tower)	-	19864 sqm
4.	FAR (Control Tower)	-	2038 sqm
5.	Total FAR (achieved)	22400 sqm	21902 sqm
6.	Basement Area	-	4468 sqm
7.	Built Up Area (FAR + BASEMENT AREA)	22400 sqm	26370 sqm
8.	Activities proposed	ATC, ATM, CNS	ATC, ATM & CNS
9.	Green Area	-	2887.50 sqm
10.	Road and Open Area (Including Surface parking area)	6425 sqm	3380.5 sqm
11.	No. of Towers	1	1
12.	No. of Floors	7	10
13.	Levels of basement	-	1
14.	Height of Tower	34 m	52 m (above ground level)
15.	Total Power Load	9250 KW	4800 KW
16.	No. of DG Sets	3 x1500 KVA	3x1500 KVA
17.	No. of rain water harvesting tank	-	2

S. No.	POPULATION	EXISTING ATC TOWER DETAILS	PROPOSED DETAILS AFTER SHIFTING OF TOWER
1.	Staff (Technical Tower)- Existing staff working in old ATC Block	700	700
2.	Staff (Control Tower) - Existing staff working in old ATC Block	50	50
3.	Visitors	20	20

4.	TOTAL	770	770
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During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project 'Relocation of Air Traffic control Tower and Technical Block in existing Airport Complex at NSCBI Airport, Kolkata by M/s Airports Authority of India.
- (ii) The total area of the ATC tower will be 9,625 sqm out of which 3,357 sqm shall be utilized as ground coverage. Total FAR for technical tower will be 19,864 sqm and for control tower it will be 2,038 sqm. The total built-up area of the tower will be 26,370 sqm.
- (iii) The project/activity is covered under category 'A' of item 7 (a) i.e. 'Airports' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iv) ToR was granted by the Ministry vide letter No. 10-71/2016-IA-III dated 28.11.2016 exempting Public Hearing.
- (v) The proposal was earlier considered in 21st Meeting held on 21-24 August, 2017 wherein the Committee sought Certified Compliance Report of the conditions stipulated in the earlier environmental clearances issued for the project.
- (vi) The Project Proponent submitted/uploaded the additional information on 07.10.2017 on Ministry's website.

The EAC deliberated on the certified compliance report letter F. No. 102-579/16/EPE dated 19.09.2017 issued by the MoEF&CC's Regional Office (ER), Bhubaneswar and reply given by the project proponent to non-compliance of EC conditions. The EAC, on being satisfied with the submissions of the project proponent, recommended the project for grant of environmental clearance and stipulated the following specific conditions along with other environmental conditions while considering for accord of environmental clearance:

- (i) As proposed, environmental clearance is for Relocation of Air Traffic Control Tower and Technical Block in existing Airport Complex at NSCBI Airport, Kolkata by M/s Airports Authority of India.
- (ii) Project Proponent shall be obtained clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities.
- (iii) Construction site should be adequately barricaded before the construction begins.
- (iv) Soil and other construction materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet.
- (v) The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.
- (vi) The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
- (vii) Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimised. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical). Top soil shall be separately stored and used in the development of green belt.
- (viii) A detailed drainage plan for rain water shall be drawn up and implemented.
- (ix) Ground water abstraction and rain water recharge shall be as may be prescribed by the

CGWA. A clearance of the CGWA shall be obtained in this regards.

- (x) Noise from vehicles and power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.
- (xi) Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.
- (xii) Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be reused/recycled or disposed off as per Solid Waste Management Rule, 2016 and Construction and Demolition Waste Rules, 2016.
- (xiii) Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- (xiv) Aircraft maintenance, sensitivity of the location where activities are undertaken, and control of runoff of potential contaminants, chemicals etc shall be properly implemented and reported.
- (xv) Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc shall be provided.
- (xvi) The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures.
- (xvii) Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area during monsoon season / cloud bursts.
- (xviii) Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
- (xix) Total fresh water requirement from existing bore wells shall not exceed 569 KLD with permission from CGWB.
- (xx) Sewage Treatment Plant (STP) of 3750 KLD capacity is operating to treat the wastewater generated from airport. Wastewater from the proposed relocation of ATC Tower will be treated in the existing STP and the treated wastewater will be reused for flushing, horticulture, D.G. cooling and HVAC purposes.
- (xxi) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
- (xxii) During airport operation period, noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations. A monitoring station for ambient air and noise levels shall be provided in the village nearest to the airport.
- (xxiii) The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016. Recycling of wastes such as paper, glass (produced from terminals and aircraft caterers), metal (at aircraft maintenance site), plastics (from aircrafts, terminals and offices), wood, waste oil and solvents (from maintenance and

	<p>engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out.</p> <p>(xxiv) Traffic congestion near the entry and exit points from the roads adjoining the Airport shall be avoided. Parking should be fully internalized and no public space should be utilized.</p> <p>(xxv) An assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project, shall be made for traffic densities and parking capabilities in a 05 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organisation of repute and specialising in Transport Planning shall be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.</p> <p>(xxvi) Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.</p> <p>(xxvii) An onsite disaster management plan shall be drawn up to account for risks and accidents. This onsite plan shall be dovetailed with the onsite management plan for the district.</p> <p>(xxviii) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p> <p>(xxix) A water security plan to the satisfaction of the CGWA shall be drawn up to include augmenting water supply and sanitation facilities and recharge of ground water in at least two villages and schools, as part of the C.S.R. activities.</p>
25.4.9	<p>Expansion/Revision of Residential Plotted Colony“ SUSHANT CITY” at Village-Rasoi, District- Sonapat, Haryana by M/s Ansal Properties & Infrastructure Ltd – Reconsideration for Environmental Clearance (IA/HR/MIS/61792/2015; F.No. 21-144/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Gaurang Environmental Solutions Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project is located at 28° 54' 25.66" N Latitude and 77° 07' 08.71"E Longitude.</p> <p>(ii) The project is for expansion of Residential Plotted Colony “Sushant City”. Earlier Environmental Clearance for an area of 250.07 Acres (Phase I) was obtained by MoEFCC vide letter No. 21-235/ 2006.IA.III dated 8th January, 2007.</p> <p>(iii) The total plot area is 12,18,639.05 sqm [Existing: 10,12,000 sqm & Proposed: 2,06,640.77 sqm]. Total construction (built-up) area measuring 14,17,055 sqm. The project will comprise of Plotted development, commercial & facility buildings. Total 2608 residential plots (Existing: 2125 nos. + Proposed: 468 nos.) shall be developed.</p> <p>(iv) During construction phase, total water requirement is expected to be 350.00 KLD which will be met by Tanker supply. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.</p> <p>(v) During operational phase, total water demand of the project is expected to be 6838 KLD, and the same will be met by the bore well. Wastewater generated (4219 KLD) will be treated in 3 STPs of total 4500 KLD cumulative capacity based on FAB Technology. Treated wastewater 3586.00 KLD will be recycled (1930.00 KLD will be</p>

used for landscaping & general washing, 1618.00 KLD will be used for flushing and 37.00 KLD will be used for DG cooling).

- (vi) About 205.02 TPD solid wastes will be generated in the project. The biodegradable waste (82.01 TPD) will be processed in OWC and the non-biodegradable waste generated (123.01 TPD) will be handed over to authorized local vendor.
- (vii) Total power requirement during operation phase is 20812.5 KVA and will be met from UHBVN.
- (viii) Rooftop rainwater of buildings will be collected in 386 RWH tanks.
- (ix) Parking facility: 7,817 ECS.
- (x) Proposed energy saving measures would save about 15% of power
- (xi) It is not located within 10 kms of Eco Sensitive areas.
- (xii) There is no court case pending against the project.
- (xiii) Investment/Cost of the project is Rs. 161 Crore.
- (xiv) Employment potential: 500 persons.
- (xv) Benefits of the project: Direct & Indirect Employment along with better facilities.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Expansion/Revision of Residential Plotted Colony' "SUSHANT CITY" at Village-Rasoi, District- Sonapat, Haryana by M/s Ansal Properties & Infrastructure Ltd in a total plot area of 12,18,639.05 sqm and built-up of 14,17,055 sqm.
- (ii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.
- (iii) The project was granted Standard ToR by MoEFCC vide letter No. 21-172/2017-IA-III dated 13.06.2017.
- (iv) The proposal was earlier considered in 18th Meeting held on 25-27 May, 2017 wherein the Committee sought some additional information including Certified Compliance Report of the conditions stipulated in the earlier environmental clearances issued for the project.
- (v) The Project Proponent submitted/uploaded the additional information on Ministry's website on 07.10.2017.

After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) An action taken report on environmental conditions stipulated in earlier EC which have been stated as *not complied/partly complied* as reported in Certified Compliance Report letter F.No. 4-238/2007-RO(NZ)/403-404 dated 20.09.2017 issued by the MoEF&CC's Regional Office (NZ), Chandigarh.
- (ii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

- (iii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (iv) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (v) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (vi) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (vii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.4.10

Expansion/Amendment of Proposed Residential cum Commercial Project with Rental Housing Scheme at village Balkum, Thane by M/s Dosti Enterprise – Reconsideration for Environmental Clearance (IA/MH/MIS/67197/2017; F.No. 21-47/2017-IA-III)

The project proponent and the accredited Consultant M/s Mahabal Enviro Engineers Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:

- (i) The project is located at 19⁰13'44.51" N Latitude and 72⁰59'40.28" E Longitude.
- (ii) The project is amendment of proposed residential cum commercial project with MMRDA rental housing scheme on S. No.16 (Hiss No. 1, 2, 3, 4, 5, 6, 8 pt, 9 pt, 10 pt, 11 pt, 12 A, 12B pt), S. No. 17 (Hissa No. 1, 2, 3, 4, 5, 6, 7A, 7B, 8, 9, 10, 11A, 11B, 11C, 12, 13,14), S. No. 12 (Hissa No. 6), S. No. 18 (Hissa No. 1, 2, 3, 4, 5, 6pt, 7, 8, 9, 10 pt, 11 pt),S. No.19 (Hissa No. 23, 29, 30, 31, 32, 37, 42, 43pt, 45), S. No. 22pt, S. No. 23pt, S. No. 24, S. No. 25 (Hissa No. 1, 2, 3, 4, 5pt, 7pt, 9pt,10A pt, 10B pt, 13A pt), S. No. 26 (Hissa No. 8Apt, 9 pt, 10A, 10B, 11A pt, 11B pt,12),S. No. 27 (Hissa No. 10 pt, 11 pt, 15, 16A pt, 16B pt, 17), S. No. 40 (Hissa No. 15pt, 8A, 8B pt, 17 pt, 22 pt), S. No. 44 (Hissa No.1pt, 2 A pt, 2B pt), S. No. 47 Hissa No. (1pt, 2A pt, 3pt, 2/2+3/2Apt, 2/2+3/2B, 4B, 6 pt, , 7 B, 5 pot, 8A2, 8B2, 8C1, S. No. 48 (Hissa No. 4A, 4B), S. No. 49 (Hissa No. 1pt, 2, 3, 4, 5, 6, 7A pt, 7B, 8Apt, 8B), S. No. 50 (Hissa No. 3A pt, 3B), S. No. 51 (Hissa No 3A, 3B, 5A, 5B), S. No. 77 Hissa No. 13 B pt, 13C pt, 14A pt, 14 B pt) at village Balkum , Taluka and District Thane, Maharashtra.
- (iii) Earlier Environment Clearance was granted by MoEFCC vide letter no. 21-85/2014-IA. III dated 18.06.2015.
- (iv) The plot area is 84,134 sqm (Net Plot area after deduction of road setback is 73,000 sqm). FSI area is 2,91,952.15 sqm and total construction area is 5,27,405.78 sqm. The proposed development will have 19 Residential buildings with 3132 flats and 2 rental buildings with 2117 nos. of flats, balwadi, welfare centres and commercial area. Maximum height of the building is 116.30m
- (v) During construction phase, total water requirement is expected to be 150KLD which will

be met by tanker water. The mobile STP will be provided during this phase. Temporary sanitary toilets will be provided during peak labor force.

- (vi) During operational phase, total water demand of the project is expected to be 4321 KLD and same will be met by fresh water from Thane Municipal Corporation and recycled water. Wastewater generated (3337 KLD) will be treated in six numbers of STPs with total capacity of 3525 KLD. 1195 KLD of treated water will be recycled for flushing and about 41 KLD for gardening. About 2028 KLD will be disposed in municipal drains.
- (vii) About 13264 kg/d solid waste will be generated in the project. The biodegradable waste (7959 kg/d) will be processed in mechanical composting and the non-biodegradable waste 5305 kg/d will be handed over to recyclers.
- (viii) The total power requirement during construction phase is 500 kVA and will be met from MSEDCL and Total power requirement during operation phase is 21 MW and will be met from MSEDCL
- (ix) Rooftop rainwater of the buildings is collected in 10 nos of tanks with capacity 690 m³.
- (x) Parking facility for 4490 Nos. four wheelers and 3326 Nos. Motor Cycles are proposed to be provided against the requirement of 4454 Nos. four wheelers, and 3326 Nos. two wheelers respectively (as per local norms).
- (xi) Proposed energy saving measures would save about 22% of power requirement.
- (xii) Site is located at 2.7 km from Sanjay Gandhi national Park but as per ESZ notification of SGNP Borivali vide letter no. S.O.3645 (A) dated 05.12.2012, the site is not within 100 m ESZ of SGNP. The project was also recommended in 37th meeting of standing committee of NBWL dated 26th February 2016
- (xiii) There is no court case pending against the project
- (xiv) Investment/Cost of the project is Rs.1674 Crore.
- (xv) Employment potential: 725 nos.
- (xvi) Benefits of the project: Keeping the vision of “Pradhan Mantri Awas Yojna/Affordable housing Scheme Survey 2016” for providing “Housing to All by 2022 by Government of India, the proposed project will provide the affordable housing for the people. The project will generate employment (Labour employment of household activity, services, maintenance, plumbing, electricians) during operational phase which will benefit the local population in getting work opportunities. It will create long term employment in activities such as maintenance of the buildings and ancillary services.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project ‘Expansion of Proposed Residential cum Commercial Project with Rental Housing Scheme at village Balkum, Thane by M/s Dosti Enterprise in a total plot area of 84,134 sqm and built-up of 5,27,405.78 sqm.
- (ii) Earlier Environment Clearance was granted by MoEFCC vide letter no. 21-85/2014-IA. III dated 18.06.2015 for a total built-up area of 8,33,031.72 sqm.
- (iii) The project/activity is covered under category ‘A’ of item 8(b) ‘Townships and Area Development Projects’ of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.
- (iv) The project was granted Standard ToR by MoEFCC vide letter No. 21-47/2017-IA-III

	<p>dated 06.03.2017.</p> <p>(v) The proposal was earlier considered in 18th Meeting held on 25-27 May, 2017 wherein the Committee sought some additional information.</p> <p>(vi) The Project Proponent submitted/uploaded the additional information on Ministry's website on 11.10.2017.</p> <p><i>After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:</i></p> <p>(i) Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.</p> <p>(ii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.</p> <p>(iii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(iv) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(v) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(vi) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(vii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
25.4.11	<p>Expansion and Modernization of existing PNP Port at Gut No. 346, Dharamtar Creek, village- Shahbaj, Raigad-district, Maharashtra by PNP Maritime Services Pvt. Ltd. – Reconsideration for Terms of Reference (IA/MH/MIS/59562/2016; F.No. 10-70/2016-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Mahabal Enviro Engineers Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project is located at 18^o41'59" N latitude and 73^o01'33" E longitude.</p> <p>(ii) The project is Expansion and Modernization of existing PNP Port by increasing cargo</p>

handling capacity from 5.0 MTPA to 19 MTPA at Dharamtar Creek, village- Shahbaj, District-Raigad, Maharashtra.

- (iii) Earlier Clearance details, Constructions status, if any: The Port was given CRZ Clearance in 2003 from MoEF vide Letter No. J-16011/38/2001-IA III dated 06.10.2003.
- (iv) PNP has presently 60 ha of land for storage of cargo & other requirement. PNP is in the process of acquiring another 135 ha of land behind the extended waterfront. Additional storage shall be established within this land.
- (v) During construction phase, total water requirement is expected to be 60 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. Temporary sanitary toilets will be provided during peak labor force.
- (vi) During operational phase, total water demand of the project is expected to be 32 KLD and same will be met by fresh water from MIDC water supply and recycled water. Wastewater generated (26 KLD) uses will be treated in STP of 40 KLD capacity. 13 KLD of treated wastewater will be recycled for flushing. About 13 KLD will be used for dust suppression within the premises.
- (vii) About 148 kg/d solid waste will be generated in the project. The biodegradable waste (89 kg/d) will be processed in mechanical composting unit and the non-biodegradable waste generated (59 kg/d) will be handed over to authorized local vendor.
- (viii) The total power requirement during construction phase is 2000 kVA and will be met from MSEDCL & DG set and Total power requirement during operation phase is 6.7 MW and will be met from MSEDCL & DG set for emergency backup.
- (ix) Rooftop rainwater of building will be collected in one RWH tank of total 50 m³ capacity for harvesting after filtration from the administrative building.
- (x) Parking facility for 200 four wheelers are proposed to be provided and provision of 550 truck parkings are made.
- (xi) Being port activity, Energy saving is achieved through efficient lights like LED's
- (xii) Site is not located within 10 km of any Eco Sensitive areas
- (xiii) There is no court case pending against this project.
- (xiv) Investment/Cost of the project is Rs. 1,058.34 Crore.
- (xv) Employment potential: 650 Nos.
- (xvi) The proposed terminal at Shahbaj village is would be beneficial to the local people. It will give employment/ opportunities for the local people for their livelihood and bring movement in the local economic activity. It will also minimize the traffic load from the Mumbai Port Trust. Also this location offers seamless road, rail connectivity for the transport of Materials to hinterland.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Expansion and Modernization of existing PNP Port at Gut No. 346, Dharamtar Creek, village- Shahbaj, Raigad-district, Maharashtra by PNP Maritime Services Pvt. Ltd.
- (ii) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iii) The proposal was earlier considered in the 10th Meeting of Expert Appraisal Committee (Infra-2) held on 24-25 October, 2016. The Committee noted that a Court

Case Application No 95/2014 vs. Secretary, Environment Department, Government of Maharashtra was pending against the project proponent in the Hon'ble NGT, (Western Zone), Pune. PP could not produce documents related to the NGT court case. But PP informed that issues were regarding mismanagement of mangroves plantation. The project proponents were advised that since the current activities are subjudice at the NGT, it may not be possible to consider any further proposal till the NGT takes a final view in the matter.

- (iv) The Project Proponent submitted/uploaded the status of Court Case (Application No. 95/2014) on Ministry's website on 07.11.2017 vide letter dated 11.10.2017 intimating that Hon'ble NGT (Western Zone), Pune has dismissed the case vide its Order dated 22.09.2017.

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) Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.
- (ii) Importance and benefits of the project.
- (iii) Submit a complete set of documents required as per para 4.2 (i) of CRZ Notification, 2011.
- (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.
- (vi) Stage – I forest clearance to be submitted.
- (vii) Various Dock and shipbuilding facilities with capacities for existing and proposed project.
- (viii) List of cargo to be handled along with mode of transportation.
- (ix) Layout plan of existing and proposed Port.
- (x) Study the impact of dredging on the shore line.
- (xi) A detailed impact analysis of rock dredging.
- (xii) Study the impact of dredging and dumping on marine ecology and draw up a management plan through the NIO or any other institute specializing in marine ecology.
- (xiii) 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 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.
- (xiv) Details of Emission, effluents, solid waste and hazardous waste generation and their management in the existing and proposed facilities.
- (xv) Toxicity Factor to be carried out on treated trade effluent beside chemical analysis.
- (xvi) The existing project should avail of and submit consent to operate from the State Pollution Control Board.

	<p>(xvii) Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).</p> <p>(xviii) Wastewater management plan.</p> <p>(xix) Details of Environmental Monitoring Plan.</p> <p>(xx) To prepare a detailed biodiversity impact assessment report and management plan through the NIOS or any other institute of repute on marine, brackish water and fresh water ecology and biodiversity. The report shall study the impact on the rivers, estuary and the sea and include the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, subtidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, turtles , birds etc. as also the productivity. The data collection and impact assessment shall be as per standard survey methods. Biodiversity management plan duly validated by the State Biodiversity Board.</p> <p>(xxi) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(xxii) Disaster Management Plan for the above terminal.</p> <p>(xxiii) Layout plan of existing and proposed Greenbelt.</p> <p>(xxiv) A response to any complaints that have been received by the project against the setting up of the project including the representation submitted by the Conservation Action Trust.</p> <p>(xxv) The details of waste water disposal into the sea, its impacts and Management plan.</p> <p>(xxvi) Status of court case pending against the project.</p> <p>(xxvii) 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> <p>(xxviii) A tabular chart with index for point wise compliance of above TORs.</p> <p><i>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.</i></p>
25.4.12	<p>Development of Integrated facilities (stage II) within the existing Deendayal (earstwhile Kandla) Port Trust Limit at Kutch district of Gujarat. (1.Setting up of Oil Jetty No.7. 2. Setting up of Barge jetty at Jafarwadi 3.Setting up of Barge port at Veera; 4.Administrative office building at Tuna Tekra; 5. Road connecting from Veera barge jetty to Tuna gate by M/s Deendayal Port Trust - Reconsideration for Environmental Clearance (IA/GJ/MIS/27227/2015; F.No. 11-13/2015-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Mantec Consultants Pvt Ltd gave a</p>

detailed presentation on the salient features of the project and informed that:

- (i) The proposal is for Development of integrated facilities (Stage-II) within the existing Deendayal Port Trust Limit at Kutchh district of Gujarat by Deendayal Port Trust (1. Setting up of Oil Jetty No.7.; 2. Setting up of Barge jetty at Jafarwadi; 3. Setting up of Barge port at Veera; 4. Administrative office building at Tuna Tekra; and 5. Road connecting from Veera barge jetty to Tuna gate) by M/s Deendayal Port Trust (Deendayal Port Trust).
- (ii) Kandla Port is situated at Latitude 23° 01' N and Longitude 70° 13' E on the shores of the Kandla Creek. It is in the district of Kutch and is located on the west bank of Kandla creek which runs into the Gulf of Kutch at a distance of 90 nautical miles from the Arabian Sea. *Total area of the project is 61.75 Ha.*
- (iii) The *Project Components are as follows:*
 - Setting up of Oil Jetty No.7 (Capacity – 2MMTPA, Size - 110m x 12.40m, Approach - 210m- Back up area 1 Ha, Capital dredging – 72000 m³. Maintenance dredging - @15% per annum i.e 10800 m³/year, Cost – 72 Crores), Site location: 23° 02' 37.49" N & 70° 13'08" E
 - Setting up of Barge jetty at Jafarwadi (On BOT Basis) (Capacity - 3.00 MMTPA, Size - 180 x 20 m, Back up area - 20 Ha., Capital Dredging – 80000 m³, Maintenance dredging - 15% per annum i.e 12000 m³/year, Cost - 105 Crores)
 - Setting up of Barge port at Veera (On BOT Basis) (Capacity - 6.29 MMTPA, Size - 160 x 60 m, Back up area – 20 Ha., Cost 160 Crores)
 - Construction of Administrative office (Port Operational) building at Tuna Tekra (Build up area - 1600m², Plot Area - 15,000m², Cost - 10 Crores)
 - Road connecting from Veera barge jetty to Tuna Gate (Length – 15500 m, Width - 7.30m, with both sides 1.50m shoulders, Cost - 48.82 Crores)
- (iv) Cost of the Project: 395.82Crores.
- (v) Terms of Reference was granted by MoEFCC vide letter dated 23.06.2015.
- (vi) Public Hearing was exempted for the project.
- (vii) GCZMA has recommended all these five projects vide Letter No. ENV-10-2015-231-E (T Cell) dated 29.06.2016.
- (viii) Water will be received from high service reservoir near Bhachau and Narmada Canal through 18" pipeline of Gujarat Water supply and Sewerage Board. 34 KLD water will be used for construction purpose and about 23 KLD water will be used for domestic purposes.
- (ix) Wastewater (18 KLD) will be treated in the modern septic tanks. Treated wastewater will be used for gardening and green belt development activities.
- (x) Solid wastes generated from the colony will be taken care by the waste disposal plan. The construction waste may pose impacts on land environment by contamination of soil and hence the wastes shall be utilized for PCC works, Road construction, and other filling requirement etc the accidental spillage of fuels and lubricants oils will be minimized by proper care. The proposed project does not envisage production of any hazardous waste material.
- (xi) Deendayal Port Trust has endeavored in maintaining eco-balance by way of tree plantation in and around port area. Extensive plantation is carried out every year. The survival rate of plants is very low due to saline soil and adverse weather conditions. Ongoing efforts are taken to increase the area under plantation. Additionally, green belt

development is undertaken at, roadside and near residential and office buildings at Kandla, Gandhidham town and surrounding villages. The Greenbelt development plan is given in Section 9.8 of Chapter 09 in the EIA report.

- (xii) Dredging quantity to be conducted by Deendayal Port Trust (capital as well as maintenance) that will be required to maintain the port initially and throughout the year is as follows: Capital Dredging: 152000 m³; Maintenance Dredging: 22800 m³/year. Reclamation is required for backup area i.e 61.75 ha.
- (xiii) The fugitive dust emission will be controlled by water spraying. Precautions will be taken to use the covered storage area for cargos.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental & CRZ Clearance to the project 'Development of Integrated facilities (stage II) within the existing Deendayal (earstwhile Kandla) Port Trust Limit at Kutch district of Gujarat. (1.Setting up of Oil Jetty No.7. 2. Setting up of Barge jetty at Jafarwadi 3.Setting up of Barge port at Veera; 4.Administrative office building at Tuna Tekra; 5. Road connecting from Veera barge jetty to Tuna gate by M/s Deendayal Port Trust.
- (ii) The project/activity is covered under category 'A' of item 7 (e) i.e. Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iii) The proposal was earlier considered by the EAC in its 8th meeting held on 28-29 July, 2016 and 19th meeting held on 27-29 June, 2017, wherein the Committee sought some additional information.
- (iv) The Project Proponent submitted/uploaded the additional details on Ministry's website on 14.10.2017 vide letter dated 12.10.2017.

After deliberation on the proposal, the Committee advised Project Proponent that the Marine EIA report prepared by CSIR-NIO during 2010-2011 for SEZ in Kandla-Tuna region get updated and validated for 2017 also. They were also advised to submit the following certificates/information:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (iii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (iv) A certificate of adequacy of available power from the agency supplying power to the

	<p>project along with the load allowed for the project.</p> <ul style="list-style-type: none"> (v) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (vi) A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board. (vii) No Objection Certificate from the concerned State Pollution Control Boards for the projects involving discharge of effluents, solid wastes, sewage and the like. (viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
25.4.13	<p>Proposed Expansion of Mixed use development project comprising of Residential, SEZs, Commercial & Retail units– “L&T Raintree Boulevard” by M/s L and T Construction Equipments Limited– Reconsideration for Environmental Clearance (IA/KA/MIS/67077/2017; F.No. 21-43/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s METAMORPHOSIS Project Consultants Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is located at Survey Nos. 88/1 to 104/4 of Byatarayanapura Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru. Latitude: 13°04'11.94" N and Longitude: 77°35'25.78" E. (ii) This is an Expansion project. Earlier Environmental Clearance was granted by SEIAA, Karnataka vide dated 24.08.2015 Ref. No. SEIAA 190 CON 2014. (iii) The total plot area is 2,65,117.47 sqm. FSI area is 7,94,685.87 sqm and total construction area of 12,74,698.07 sqm. The project will comprise of Residential, SEZ, Commercial and Retail Buildings. Total 2241 residential units shall be developed. Maximum height of the building is 51.9 m. (iv) During construction phase, total water requirement is expected to be 20 KLD which will be met by local water supply body and existing bore wells. During the construction phase, Mobile STP / septic tank will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labour force. (v) During operational phase, total water demand of the project is expected to be 3800 KLD and the same will be met by the BWSSB / local water supply body. Wastewater generated (3628 KLD) uses will be treated in 7 no. STPs of total 3700 KLD capacity. 3515 KLD of treated wastewater will be recycled (1263 KLD for flushing, 1052 KLD for gardening and 1200 KLD for HVAC). About 0 KLD will be disposed in to municipal drain. (vi) About 17.29 TPD Solid waste will be generated in the project. The biodegradable waste (5.49 TPD) will be processed in OWC and the non-biodegradable waste generated (11.8 TPD) will be handed over to authorized local vendor. (vii) The total power requirement during construction phase is 1250 KVA and total power requirement during cooperation phase is 61016 KVA and will be met from BESCO. (viii) Rooftop rainwater of buildings will be collected in RWH tank of total 1220 KLD capacity for harvesting after filtration. (ix) Parking facility for 11377 nos. four wheelers is proposed to be provided against the

requirement of 10798 nos. (according to local norms).

- (x) Proposed energy saving measures would save about 18.1% of power.
- (xi) It is not located within 10 km of Eco Sensitive areas.
- (xii) There is no court case pending against the project.
- (xiii) Investment /Cost of the project is Rs. 4100 Crores.
- (xiv) Employment potential 1500 Nos.
- (xv) Benefits of the project Direct and indirect job opportunities, Socio-economic development of the locality.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Proposed Expansion of Mixed use development project comprising of Residential, SEZs, Commercial & Retail units- "L&T Raintree Boulevard" by M/s L and T Construction Equipments Limited in a total plot area of 2,65,117.47 sqm and built-up of 12,74,698.07 sqm.
- (ii) Earlier Environment Clearance was granted by SEIAA, Karnataka vide letter No. SEIAA 190 CON 2014 vide dated 24.08.2015.
- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.
- (iv) The project was granted Standard ToR by MoEFCC vide letter No. 21-43/2017-IA-III dated 06.03.2017.
- (v) The proposal was earlier considered in 22nd Meeting held on 11-13 September, 2017 wherein the Committee sought some additional information including Certified Compliance Report on the compliance of the conditions stipulated in the earlier environmental clearance was issued to the project by SEIAA, Karnataka vide letter dated 24.08.2015 (SEIAA 190 CON 2014).
- (vi) The Project Proponent submitted/uploaded the additional information on Ministry's website on 24.10.2017 vide letter dated 09.10.2017.

The EAC deliberated on the Certified Compliance Report letter F.No. EP/12.1/SEIAA/2015-16/13/KAR/899 dated 24.10.2017 issued by the MoEF&CC's Regional Office (SZ), Bangalore. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or

	<p>proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
25.4.14	<p>Establishment of 500 kg/hr Hazardous Waste Incinerator at Existing Common Hazardous Waste Treatment, Storage, and Disposal Facility at Nimbuan, Dera Bassi, Mohali District, Punjab by M/s Punjab Waste Management Project (PWMP), by Ramky Enviro Engineers Limited- Reconsideration for Amendment in Terms of Reference (IA/PB/MIS/51358/2016; F. No. 10-27/2016-IA.III)</p> <p>The project proponent and the accredited Consultant M/s Ramky Enviro Services Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) Punjab Waste Management Project (TSDF), is proposing to enhance the existing Hazardous Waste Treatment and Disposal Facility of Punjab Waste Management Project (PWMP) at Nimbua Village, Dera Bassi Tehsil, Mohali District, Punjab State with more treatment facilities like Direct Landfill (DLF)-20,000 TPA Landfill after Stabilization-40,000 TPA, Incineration (Common for HW and BMW)- 500 kg/hr, Biomedical Waste Management- 5 TPD, Alternative Fuels and Raw Material Facility-18,000 TPA, E-Waste Management Facility- 8,000 TPA, Used Oil Recycling-2 KLD, Spent Solvent Recycling- 5 KLD, Lead Recycling-2,000 TPA, Paper Recycling-2 TPD, Plastics Recycling-2 TPD.</p> <p>(ii) This proposed expansion falls in schedule 7(d) Common hazardous waste Treatment, Storage and Disposal Facilities (TSDFs), Category A.</p> <p>(iii) This proposed plant is located at Sy.No.1/7, 1/13, 1/14, 1/15, 1/16, /17, 1/18, 1/23, 1/24, 1/25, 2/20,2/21, 2/22, 2/23, 10/1, 10/2, 10/3, 10/8, 10/9, 10/10, 11/2, 11/3, 11/4, 11/5, 11/6, 11/7, 11/8 and 11/9 situated in Nimbua Village, Teh: Dera Bassi, Distt. Mohali, Punjab.</p> <p>(iv) The primary objective of this project is to provide an Integrated Common Hazardous Waste Treatment Storage Disposal Facility (ICHWTSDF) to the hazardous waste disposal needs of the industries in the state of Punjab. Keeping in view of the diverse group of wastes generated by various existing and proposed industries in and around Dera Bassi as well as nearby sources, it is proposed to enhance the existing TSDF with more treatment facilities so that the existing TSDF will become an Integrated Common Hazardous Waste Management Facility.</p> <p>(v) Total water requirement for the project will be 56 KLD. The source of water is through borewells/tankers. The existing plant electricity requirement of 62.35 KW and for the</p>

proposed facilities is 750 KW will be supplied by nearby substation. Further requirement and Power back up will be support by proposed DG sets. Hazardous waste generated from the facilities will be treated and finally disposed to secured landfill.

- (vi) Investment cost of the project: Total cost of the proposed incinerator Setup is Rs 35 Crores.
- (vii) Employment potential: Some employment and income are likely to be generated for the local people. So, the project will contribute in a positive manner towards direct employment in the project area.
- (viii) Benefits of the project: Out of 20,946 MTA of Hazardous waste generated by various Industries in the State of Punjab, 2.5% of the waste is Incinerable Waste (545 TPA). To dispose the Incinerable waste in a scientific manner, PWMP is proposed to put up an Incinerator of the capacity 1.5 M Kcal/Hr at the existing TSDF at Nimbua so that the existing TSDF will become an Integrated Common Hazardous Waste Management Facility. The spray drier of the incinerator is also used for the disposal of leachate duly utilizing the waste heat. Also, an Incinerable waste storage shed as per CPCB guidelines will also be established as a necessary infrastructure. Keeping in view of the diverse group of wastes generated by various existing and proposed industries in and around Dera Bassi as well as nearby sources, it is proposed to enhance the existing TSDF with more treatment facilities.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of amendment in Terms of Reference issued to the project 'Establishment of 500 kg/hr Hazardous Waste Incinerator at Existing Common Hazardous Waste Treatment, Storage, and Disposal Facility at Nimbuan, Dera Bassi, Mohali District, Punjab by M/s Punjab Waste Management Project (PWMP), by Ramky Enviro Engineers Limited.
- (ii) The ToR was issued to the project by MoEFCC vide letter F. No. 10-27/2016-IA.III dated 04.05.2016.
- (iii) The project/activity is covered under category 'A' of item 7(d) Common hazardous waste Treatment, Storage and Disposal Facilities (TSDFs) of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.
- (iv) The proposal was earlier considered in the 21st Meeting of Expert Appraisal Committee (Infra-2) held on 21-24 August, 2017. The Committee noted that the Public hearing has already been done for the project with the capacity mentioned in the earlier proposal. The Project Proponent was asked to provide justification that no additional pollution load will be added to the site with the proposed amendment.
- (v) The Project Proponent submitted/uploaded the additional information on Ministry's website on 25.10.2017 vide letter dated 25.09.2017. The Project proponent has submitted that there is no additional load and no increase in capacity of incinerator, so there will not be any increase in pollution load.

During deliberation, the Committee was informed that the Public Hearing has already been conducted for the proposed capacity enhancement. In view of the submission made by the Project Proponent, the Committee allowed the Project Proponent to submit the EIA/EMP Report for enhanced capacity for which public hearing has already been conducted.

25.4.15 **Expansion of secured landfill cell in existing Integrated Common Hazardous Waste Treatment Storage & Disposal Facility at Village Juna Kataria, Lakadi, District kutch,**

Gujarat by M/s Saurashtra Enviro Projects Private Limited (SEPPL) – Reconsideration for Environmental Clearance (IA/GJ/MIS/53189/2016; F.No. 10-36/2016-IA-III)

The project proponent and the accredited Consultant M/s Mahabal Enviro Engineers Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:

- (i) Saurashtra Enviro Projects Private Limited (SEPPL) proposes to develop Secured Landfill Site at Villages: Juna Kataria and Lakadia, Taluka: Bhachau, District: Kutch, Gujarat. The proposed project is expansion project within the existing project boundary. The facility is presently catering industries located state of Gujarat for disposal of Hazardous Waste.
- (ii) The company has obtained Environment Clearance (EC) for the existing unit from Ministry of Environment and Forest vide letter no. 10-45/2007-IA-III dated 15.04.2008. Accordingly company has developed the facility. Due to industrialization the waste generation has increased which has lead to the demand of landfill facility. The existing cells are capped and the capacity is almost exhausted. Thus in order to meet the rising demand, SEPPL has decided to expand the existing facility. Accordingly SEPPL was granted Terms of Reference (TOR) from MoEF&CC vide letter no. F. No. 10-36/2016-IA.III dated 12.07.2016 to develop the project.
- (iii) The proposed expansion project is within the industrial premises of project site hence no additional land will be procured. The land fill will be developed in the existing granted area of 62 acres as per EC. The site is surrounded by barren land and wind mill at all four sides. There is existing approach road connecting the site to National Highway. Nearest village is Lakadia located at distance of approx 2.92 km.
- (iv) In the proposed expansion project, 1.1 MMT of Secured Landfill Cell will be developed in a span of 10 years. This cell will be developed in phase wise manner based on the waste received from industries. Secured Landfill Cell will be developed with two liner system as per Criteria for Hazardous Waste Landfills published by CPCB (HAZWAMS/17/2000-01) and stringent QA-QC plan shall be followed during the landfill construction phase.
- (v) Source of water for existing unit is Gujarat Water Supply and Sewarage Board (GWSSB), Gujarat Water Infrastructure Limited (GWIL) and tanker water. Same shall be used for the proposed expansion project. There is no increase in water consumption and waste water generation due to the expansion project. No flue gas and process stack will be installed. Hence no addition of air pollution due to proposed expansion project. Leachate will be generated due to proposed expansion project which will be marginal.
- (vi) Based on the Terms of Reference (TOR) issued by Ministry of Environment & Forest (MoEF), baseline study was conducted in the area of 10 Km radius from the project site. The land use pattern in the study area showed maximum of agricultural land covering an area of 61 % and scrub land covering an area of 23 %. The major crop cultivated in the study area was cotton (*Gossypium spp.*) and castor (*Ricinus Communis*). Other crops are Jiru (*Cuminum cyminum*) in winters and Juwar (*Sorghum sp.*), Mung (*Vigna radiate*), Guar (*Cyamopsis tetragonoloba*), Bajra (*Pennisetum glaucum*), Moth (*Vigna aconitifolia*) and til (*Sesamum indicum*) in winters. Few areas had bore wells which goes upto 200-300 fts.
- (vii) As per the meteorology data collected for one season (December 2016 – February 2017), the predominant wind direction observed in study area was from North East to South West. Based on the predominant wind direction, monitoring stations were selected. Two down wind and one up wind location was selected. There will be no stack installed due to proposed expansion project. No source of air pollution added due

to proposed expansion project.

- (viii) Ground water samples were collected from four no. of villages. Detail socio economic study was conducted in the nearby villages.
- (ix) The total cost of project is estimated as Rs. 40 Crores

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project 'Expansion of secured landfill cell in existing Integrated Common Hazardous Waste Treatment Storage & Disposal Facility at Village Juna Kataria, Lakadi, District kutch, Gujarat by M/s Saurashtra Enviro Projects Private Limited (SEPPL).
- (ii) The ToR was issued to the project by MoEFCC vide letter F. No. 10-36/2016-IA.III dated 12.07.2016.
- (iii) The project/activity is covered under category 'A' of item 7(d) Common hazardous waste Treatment, Storage and Disposal Facilities (TSDFs) of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central Level.
- (iv) The proposal was earlier considered in the 21st Meeting of Expert Appraisal Committee (Infra-2) held on 21-24 August, 2017 and 23rd Meeting held on 13th October, 2017. The Committee sought some additional information.
- (v) The Project Proponent submitted/uploaded the additional information on Ministry's website on 07.11.2017 vide letter dated 26.10.2017.

The EAC, on being satisfied with the submissions of the project proponent, recommended the project for grant of environmental clearance and stipulated the following specific conditions along with other environmental conditions while considering for accord of environmental clearance:

- (i) No objection Certificate from the Gujarat Pollution Control Board shall be obtained before initiating the project.
- (ii) The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.
- (iii) No ground water shall be used.
- (iv) The TSDF should only handle the waste generated from the member units.
- (v) As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bagfilter/ESP for removal of particulate matter; ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO₂, NO_x and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.
- (vi) Analysis of Dioxins and Furans shall be done through CSIR – National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.
- (vii) The project proponents shall adhere to all conditions as prescribed in the Protocol for 'Performance Evaluation and Monitoring of the Common Hazardous waste treatment, storage and disposal facilities' published by the CPCB in May, 2010.

	<ul style="list-style-type: none"> (viii) Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator. (ix) Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC. (x) Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations. (xi) The depth of the land fill site shall be decided based on the ground water table at the site. (xii) Environmental Monitoring Programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out. (xiii) The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals. (xiv) On line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions. (xv) No non hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises. (xvi) Gas generated in the Land fill should be properly collected, monitored and flared. (xvii) Project Proponent shall develop green belt with native plant species that are significant and used for the pollution abatement. At least 10 m thick greenbelt shall be developed in the periphery of hazardous waste facility. (xviii) Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorisation under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 to prevent unwanted access. (xix) Pre medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained. (xx) Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or non sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water. (xxi) Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant. (xxii) The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/GPCB.
25.4.16	<p>Expansion of Group housing Project “CASA GREEN 1” at Plot No: GH-04 A, Sector-16, Greater Noida, Gautam Budh Nagar, Uttar Pradesh by M/s Radhye Krishna Techno Build Pvt. Ltd- Environmental Clearance [F.No.21-132/2017-IA-III] [IA/UP/NCP/63844/2017]</p> <p>The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a</p>

detailed presentation on the salient features of the project and informed that:

- (i) The proposal is for Expansion of group housing project “Casa Greens-1” at GH- 04A, Sector-16, Greater Noida, Gautambudh Nagar, Uttar Pradesh on a total plot area of 18,445.17 sqm and total built up area is 1,01,837 sqm.
- (ii) Earlier environmental clearance was granted to the project by SEIAA, Uttar Pradesh vide environmental clearance No. 1755/Parya/SEAC/1575/2013/DD(D) dated 11.10.2013 for plot area 18,445.17 sqm, total built-up area 87,315.15 sqm and 747 dwelling units.
- (iii) Proposed expansion include construction of multistoried residential with community facilities in a total Built up area of 1,01,837 sqm. The project envisages construction of 10(9+1) towers including 9 residential towers + 1 community hall/ Commercial of 2B+G+25 floors. Community facilities include club house, parks, and gardens. A total of 7171.94 sqm is to be developed as landscape area.
- (iv) Adequate parking 825 ECS is proposed on surface & basements for visitors as well as residents.
- (v) Total population of the proposed project will be 4345 which include the population of residents, community and visitors.
- (vi) The total water requirement for the project has been estimated to be 364 KLD. This includes domestic water requirement, flushing, D.G. cooling and landscaping. The total fresh water requirement is 254 KLD which includes domestic water requirement. The water requirement for flushing, DG Cooling and landscaping will be met through treated water from STP.
- (vii) Total waste water generated is 287 KLD, which will be treated in onsite STP. The treated water will be recycled and re-used for flushing, D.G. cooling and landscaping.
- (viii) The total electrical load demand has been estimated to be 2700 KW for the proposed project. The source of power will be from Uttar Pradesh Power Corporation Ltd.
- (ix) In case of power failure, DG sets of total capacity of 3510 KVA (1x1010 + 2X1250) for the proposed project will be provided as power back-up.
- (x) The domestic solid waste will be generated by the occupants of the residents, visitors and people coming to community area will pertain to the two categories, Bio-degradable and Non-biodegradable. It is estimated that maximum solid waste generation would be about 1.97 TPD for the proposed project and 103.2 kg of sludge will be generated from the proposed project.
- (xi) The project was submitted in Uttar Pradesh and was appraised in 270th SEAC U.P. meeting dated 14th May, 2016. There were some queries which were related to construction layout of the project. The point wise reply for the queries was submitted to the committee on 14th February, 2017. In the meantime the SEAC UP was dissolved on 22nd Feb, 2017. Hence, the project was submitted to EAC at Central Level on 10th April, 2017 for grant of Environment Clearance.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project ‘Expansion of Group housing Project “CASA GREEN 1” at Plot No: GH-04 A, Sector-16, Greater Noida, Gautam Budh Nagar, Uttar Pradesh by M/s Radhye Krishna Techno Build Pvt. Ltd in a total plot area of 18,445.17 sqm and total built up area is 1,01,837 sqm.
- (ii) Earlier environmental clearance was granted to the project by SEIAA, Uttar Pradesh

vide environmental clearance No. 1755/Parya/SEAC/1575/2013/DD(D) dated 11.10.2013 for plot area 18,445.17 sqm, total built-up area 87,315.15 sqm and 747 dwelling units.

- (iii) The project/activity is covered under category 'B' of item 8(a) i.e., Building and Construction Projects of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at SEIAA/SEAC level. However, due to non existence of SEIAA/SEAC in Uttar Pradesh during the period proposal appraised at Central Level. After re-constitution of SEIAA, Uttar Pradesh, the proposal appraised at Central level in compliance to the Ministry's OM No. F. No. J.11013/41/2006-IA.III dated 23.10.2017.
- (iv) The proposal was earlier considered in the 18th Meeting of Expert Appraisal Committee (Infra-2) held on 25-27 May, 2017. The Committee asked some additional information including Certified Compliance Report of the conditions stipulated in the earlier environmental clearance issued to the project.
- (v) The Project Proponent submitted/uploaded the additional information on Ministry's website on 05.10.2017.

The EAC deliberated on the Certified Compliance Report letter F.No. VII/Env/SCL-UP/1572/2017/199 dated 04.10.2017 issued by the MoEF&CC's Regional Office (CR), Lucknow wherein it is stated that 'Compliance status could be treated as satisfactory'. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.4.17 Expansion of Group Housing Project "Raj Nagar Residency" at Khasra No: 897, 918, 935, 938, 939, 940, 941,942,944,1074,1075, 1079 Village Saddiq Nagar, Raj Nagar Extension, Dist Ghaziabad, Uttar Pradesh by M/s M.R. Mittal Infratech Pvt Ltd- Reconsideration for Environmental Clearance (IA/UP/NCP/65656/2017; F.No. 21-274/2017-IA-III)

The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a detailed presentation on the salient features of the project and informed that:

- (i) The proposal is for Expansion of Group Housing Project "Raj Nagar Residency" at Khasra No: 897, 918, 935, 938, 939, 940, 941,942,944,1074,1075, 1079 Village Saddiq Nagar, Raj Nagar Extension, Dist Ghaziabad, Uttar Pradesh.
- (ii) Earlier EC has been obtained from SEIAA, Uttar Pradesh vide letter No. 2088/Parya/SEAC/1272/2012/DDY(Sh), dated 12.10.2013.
- (iii) Land use of the project is residential development as per Ghaziabad Master Plan. The Plot area of the project is 28,475.66 sqm & Built up area is 1,21,372.26 sqm.
- (iv) Water Requirement during operation phase: 530 KLD. During operation phase the water will supplied from Ghaziabad Nagar Nigam. Waste water quantity: 427 KLD, waste water generated will be treated in onsite STP of 515 KLD capacity. 341 KLD of treated water will be recycled and reused in flushing, D.G. cooling and landscaping.
- (v) Solid waste generated would be 3.0 TPD. The waste generated during operation shall be collected, segregated, transported, disposed and treated in a scientific manner, based on the integrated approach. The project will handle and dispose of the hazardous wastes as per Hazardous Wastes (Management and Handling) Amendment Rules, 2016.
- (vi) Total power requirement = 4000 KW and will be met from Uttar Pradesh Power Corporation Ltd. Solar energy shall be used to the extent possible.
- (vii) The scientifically designed rain water harvesting structures will be installed at 3 locations.
- (viii) Total proposed Car Parking is 1238 ECS.
- (ix) Cost of the project: 300 Crore.
- (x) Employment will be generated and housing will be provided to resident. 200 persons will be employed in Construction phase of the project.
- (xi) Benefit of the Project: The project involves labour camp of during construction. During operational phase of Group Housing, persons will get employment opportunities as staff for management, maintenance and security. As an estimate, during operation phase, persons will get marginal employment opportunities from the residents of Group Housing who would work as domestic helpers. This will help in improving the quality of life of economically weaker sections of the local area.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project 'Expansion of Group Housing Project "Raj Nagar Residency" at Khasra No: 897, 918, 935, 938, 939, 940, 941,942,944,1074,1075, 1079 Village Saddiq Nagar, Raj Nagar Extension, Dist Ghaziabad, Uttar Pradesh by M/s M.R. Mittal Infratech Pvt Ltd in a total plot area of

28,475.66 sqm and Built up area of 1,21,372.26 sqm.

- (ii) Earlier environmental clearance was granted to the project by SEIAA, Uttar Pradesh vide letter No. 2088/Parya/SEAC/1272/2012/DDY(Sh), dated 12.10.2013.
- (iii) The project/activity is covered under category 'B' of item 8(a) i.e., Building and Construction Projects of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at SEIAA/SEAC level. However, due to non existence of SEIAA/SEAC in Uttar Pradesh during the period proposal appraised at Central Level. After re-constitution of SEIAA, Uttar Pradesh, the proposal appraised at Central level in compliance to the Ministry's OM No. F. No. J.11013/41/2006-IA.III dated 23.10.2017.
- (iv) The proposal was earlier considered in the 21st Meeting of Expert Appraisal Committee (Infra-2) held on 21-24 August, 2017. The Committee asked some additional information including Certified Compliance Report of the conditions stipulated in the earlier environmental clearance issued to the project.
- (v) The Project Proponent submitted/uploaded the additional information on Ministry's website on 06.10.2017.

The EAC deliberated on the Certified Compliance Report letter F.No. VII/Env/SCL-UP/1672/2017/197 dated 04.10.2017 issued by the MoEF&CC's Regional Office (CR), Lucknow wherein it is stated that 'Compliance status could be treated as satisfactory'. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W.

generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.4.18 **Expansion of group housing at Khasra No. 1058m, 1726M/1, 1725M/2, 1724M, 1056M, 1058M, 1060/1 at Village Pasona Pargana, Loni, District-Ghaziabad, Uttar Pradesh by M/s Nipun Builders & Developers Pvt. Ltd.– Reconsideration for Environmental Clearance - [F.No.21-130/2017-IA-III] [IA/UP/NCP/63775/2017]**

The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a detailed presentation on the salient features of the project and informed that:

- (i) M/s Nipun Builders & Developers Pvt. Ltd. proposes for Expansion of group housing project at Khasra No. 1058m, 1726M/1, 1725M/2, 1724M, 1056M, 1058M, 1060/1, Village Pasona Pargana, Loni, District-Ghaziabad, Uttar Pradesh on a total plot area of 13,635.7 sqm and total built up area is 69,862.42 sqm.
- (ii) Proposed project is construction of multistoried residential with community facilities. Adequate parking for 646 Cars is proposed on surface (Mechanical Parking), stilt & basements for visitors as well as residents. Community facilities include club house, parks, and gardens. A total of 2406.3 sqm is to be developed as landscape area.
- (iii) The project envisages construction of 7(5+2) towers including 5 residential towers + 1 community facility block + 1 Commercial block of 2B+G+ST+13 floors. The details are as follows:

S.No	Particulars	As per Previous Proposal	As per revised proposal	Construction as on date
1	Block A	B+S+9	B+G+13	B+G+9
2	Block B	B+S+8	B+S/G+13	B+S/G+8
3	Block C	2B+S+10	2B+S/G+13	2B+G+9
4	Block D	2B+S+9	2B+G+13	2B+G+8
5	Block E	2B+S+9	2B+S/G+13	2B+S/G+8
6	Commercial	G+1	B+G+2	B+G+1
7	Club	G+1	G+2	Const. not started

- (iv) Total population of the proposed project will be 3243 which include the population of residents, community and visitors.
- (v) During construction phase, it is expected that 8 KLD of waste water will be generated from labour camps & project site, which will be disposed off in septic tanks.
- (vi) The total water requirement for the project has been estimated to be 269 KLD. This includes domestic water requirement, flushing, D.G. cooling and landscaping. The total fresh water requirement is 184 KLD which includes domestic water requirement. The water requirement for flushing, DG Cooling and landscaping will be met through treated water from STP. Total waste water generated is 206 KLD, which will be treated in onsite STP. The treated water will be recycled and re-used for flushing, D.G. cooling and landscaping.
- (vii) The total electrical load demand has been estimated to be 2200 KW for the proposed project. The source of power will be from Uttar Pradesh Power Corporation Ltd. In case of power failure, DG sets of total capacity of 1820 KVA (1x320 + 2X750) for the proposed project will be provided as power back-up.
- (viii) The domestic solid waste will be generated by the occupants of the residents, visitors

and people coming to community area will pertain to the two categories, Biodegradable and Non-biodegradable. It is estimated that maximum solid waste generation would be about 1.55 TPD for the proposed project and 74 kg of sludge will be generated from the proposed project.

- (ix) There is no court case pending against the project.
- (x) Investment/Cost of the project -Rs. 105 Crores.
- (xi) Employment potential – The project involves labour camp during construction. During operational phase of Group Housing, persons will get employment opportunities as staff for management, maintenance and security. As an estimate, during operation phase, persons will get marginal employment opportunities from the residents of Group Housing who would work as domestic helpers.
- (xii) This will help in improving the quality of life of economically weaker sections of the local area.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project 'Expansion of group housing at Khasra No. 1058m, 1726M/1, 1725M/2, 1724M, 1056M, 1058M, 1060/1 at Village Pasona Pargana, Loni, District-Ghaziabad, Uttar Pradesh by M/s Nipun Builders & Developers Pvt. Ltd. in a total plot area of 13,635.7 sqm and Built up area of 69,862.42 sqm.
- (ii) Earlier environmental clearance was granted to the project by SEIAA, Uttar Pradesh vide letter No. 1192/Parya//427/SEAC/2010/AS(S), dated 24.05.2011 for a plot area 17,100 sqm and built-up area 47,971 sqm.
- (iii) The project/activity is covered under category 'B' of item 8(a) i.e., Building and Construction Projects of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at SEIAA/SEAC level. However, due to non existence of SEIAA/SEAC in Uttar Pradesh during the period proposal appraised at Central Level. After re-constitution of SEIAA, Uttar Pradesh, the proposal appraised at Central level in compliance to the Ministry's OM No. F. No. J.11013/41/2006-IA.III dated 23.10.2017.
- (iv) The proposal was earlier considered in the 18th Meeting of Expert Appraisal Committee (Infra-2) held on 25-27 May, 2017. The Committee asked some additional information including Certified Compliance Report of the conditions stipulated in the earlier environmental clearance issued to the project.
- (v) The Project Proponent submitted/uploaded the additional information on Ministry's website on 11.10.2017.

The EAC deliberated on the Certified Compliance Report letter F.No. VII/Env/SCL-UP/289/2017/201 dated 04.10.2017 issued by the MoEF&CC's Regional Office (CR), Lucknow wherein it is stated that 'Compliance status could be treated as satisfactory'. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) The Air Quality Index shall be calculated for base level air quality.

	<p>(iii) A detailed report on compliance to ECBC norms.</p> <p>(iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
25.4.19	<p>Residential Apartment " Mantri Hennur" at K.R Puram Hobli, Bangalore East, Bangalore by M/s. Mantri Developers Pvt Ltd- Reconsideration for Environmental Clearance (IA/KA/NCP/64941/2015; F.No. 21-218/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Environmental Health & Safety Consultants Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project is located at Survey No's 15/4P, 18/1, 19/1P, 19/4, 19/5, 19/6, 19/7, 19/8, 19/9, 19/10, 19/11, 19/12, 19/13, 19/14P, 19/16P, 20/2, of Nageshwara Nagenahalli Village and Sy. No. 43/1, 45/1, 45/2, 54P, 55P & 58P of Kothanur Village Khata Number 4, 6, 22, 24, K.R Puram Hobli, Bangalore East, Bangalore. Latitude 13°04'24.56" N & Longitude 77°38'42.71" E</p> <p>(ii) The project is for Expansion. M/s. Mantri Developers Pvt. Ltd had earlier obtained Environmental Clearance (EC) dated 16.09.2011 vide File No. SEIAA 78 CON 2010 from State Environment Impact Assessment Authority (SEIAA), Karnataka for the construction of residential apartment "Mantri Hennur" with total built-up area of 2,54,145.79 Sq. m having 1783 flats in Parcel 1, 2 & 3.</p> <p>(iii) The total plot area is 1,69,978.09 sqm (inclusive of Kharab Land of 1Acres 36 Guntas) FSI area is 500897.79 sqm and total construction area of 2,51,540.27 Sq mts. The project will comprise of 5 Parcels with 28 blocks. Total 4452 flats shall be developed. Maximum height of the building is 89.95 m. The Project component are as follows:</p> <p>Number of units - 4452 No's 5 Parcels with 28 blocks.</p> <ul style="list-style-type: none"> • Parcel 1 consists of 5 blocks [A,B,C,D,E with each B+G+14 UF] • Parcel 2 consists of 7 blocks [F,G,H,J,K,L,M with each 2B+G+22 UF] • Parcel 3 consists of 10 blocks, [N,P,Q,U,V,W,X with each B+G+17 UF & Block R, S & T with each 2B+G+17UF]

- Parcel 4 consists of 5 blocks, [Block 4A, 4B & 4C with each 2B+Podium+G+29 UF and Block 4D & 4E with each 2B+G+28UF]
- Parcel 6 consists of 1 block with 3B+G+13UF.]
- 2 No's of clubhouse with G+3 UF(Parcel-3) and G+2 UF(Parcel-4)

- (iv) During construction phase, total water requirement is expected to be 45 KLD which will be met by private water tankers. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (v) During operational phase, total water demand of the project is expected to be 3135 KLD [(288 KLD (parcel 1), 703 KLD (parcel 2), 490 KLD (parcel 3), 875 KLD (parcel 4, building 5), 560 KLD (parcel 4, building 6) & 219 KLD (parcel 6)] and the same will be met by the BWSSB. Wastewater generated (2800 KLD) uses will be treated in 260 KLD (parcel 1), 635 KLD (parcel 2), 445 KLD (parcel 3), 785 KLD (parcel 4, building 5), 495 KLD (parcel 4, building 6) & 190 KLD (parcel 6) STPs of total 2810 KLD capacity. 2670KLD of treated wastewater will be recycled (1032 for flushing, 448 for gardening Vehicle and road washing 296KLD & HVAC 40KLD). About 854KLD will be disposed in to municipal drain.
- (vi) About 11.2 MT/day solid waste will be generated in the project. The biodegradable waste (6.17 MT/day) will be processed in OWC and the non-biodegradable waste generated (5.049 MT/day) will be handed over to authorized local vendor.
- (vii) The total power requirement during construction phase is 600KVA and will be met from BESCO and total power requirement during cooperation phase is 27,106.15 KVA and will be met from BESCO
- (viii) Roof top harvested rainwater for Parcel-1 (Rain water sump = 210 cum and Recharge pits =46 No's) , Parcel-2 (Rain water sump = 120cum and Recharge pits =26 No's) , Parcel-3 (Rain water sump = 260cum and Recharge pits = 31 No's), Parcel-4 (Rain water sump = 140cum and Recharge pits = 31No's for Building -5),Rain water sump = 80 cum and Recharge pits = 22No's for Building -6) and Parcel-6 (Rain water sump = 60cum and Recharge pits = 6No's) during monsoon season will be stored in UG sumps for domestic applications after necessary treatment through sand filters & softener units
- (ix) Parking facility for four wheelers 4941 Nos and as there are no specific norms for provision of 2 wheeler.
- (x) It is not located within 10 km of Eco Sensitive areas
- (xi) There is no court case pending against the project.
- (xii) Investment/Cost of the project is Rs 1775 (in crore).
- (xiii) Employment potential - More than 600 construction labours including technical staff, workers etc.,
- (xiv) Benefits of the project: More than 100 persons will get employment during operation phase for day to day maintenance activities in the project. Approximately 500 maids will get job for their lively hood. Conservation of water by utilizing the treated wastewater for urban secondary reuse applications in the project.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project 'Residential Apartment " Mantri Hennur" at K.R Puram Hobli, Bangalore East, Bangalore by M/s. Mantri Developers Pvt Ltd.

	<p>(ii) Earlier environmental clearance was granted to the project by SEIAA, Karnataka vide letter No. SEIAA 78 CON 2010, dated 16.09.2011 for a total built-up area of 2,54,145.79 sqm.</p> <p>(iii) The proposal was earlier considered in the 23rd Meeting of Expert Appraisal Committee (Infra-2) held on 13th October, 2017. The committee was given to understand that the proposals are covered under legal cases at the NGT and the Hon'ble Supreme Court. The project proponents were advised to submit a detailed report on the court cases along with the related orders passed by the NGT and the Supreme Court and the conformance of the proposals to these orders. The project proponents were also specifically asked to highlight the court directions which allow/disallow the project from being implemented.</p> <p>(iv) The Project Proponent submitted/uploaded the additional information on Ministry's website on 27.10.2017.</p> <p><i>The EAC deliberated on the Certified Compliance Report letter F.No. EP/12.1/2011-12/94/SEIAA/KAR dated 18.09.2017 issued by the MoEF&CC's Regional Office (SZ), Bangalore wherein it is stated that "As observed, only 20% construction work is complete with Parcel 1 being operational. Construction plan for the Parcel 2, as proposed by the project proponent and subsequently granted by the SEIAA-Karnataka, consisted- Basement Floor + Ground Floor + 14 Upper Floors. However, at the time of inspects it was noted that the proponent has constructed 2 Basement Floors + Ground Floor + 22 Upper Floors for Parcel 2. Thus, scope of the project has been changed":</i></p> <p><i>The committee observed that the scope of the project for which earlier EC was granted has been changed and also part of the expansion project has been constructed without an approval and within the Buffer zone as declared by the NGT. The committee after deliberation found that it is a case of violation.</i></p>
25.4.20	<p>"Expansion of Gujarmal Modi Hospital & Research Center for Medical Sciences" at Press Enclave Road, Saket, New Delhi– Reconsideration for Environmental Clearance (IA/DL/NCP/63681/2017; F.No. 21-124/2017-IA-III)</p> <p>The project proponent and the accredited Consultant M/s PERFECT Enviro solutions Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project will be located at Latitude- 28°31'40.27"N and longitude- 77° 12'50.46"E</p> <p>(ii) The project is a Expansion project. As this project was constructed before the EIA Notification 2006. Therefore, Environmental Clearance was not obtained for the Earlier Phase. After Expansion, built up area will change to 4,00,865.9 sqm which is more than 1,50,000 Sqm, hence as per EIA Notification,2006 the project falls under the activity 8 (b)</p> <p>(iii) The project will be comprising of various activities after expansion i.e. OPD Block, Hospital Building and service apartment. The Total FAR of the proposed complex after expansion will be 2,17,802.50 sqm. There will be 4 level of basement of total area 95,918.9 sqm, Non- FAR (MLCP and Service Area) of the proposed complex after expansion will be 13,988 sqm and other Non-FAR area is 73156.51 sqm. The total built-up area after expansion will be 4,00,865.9 sqm. The green belt development area will be kept as 16614.43 sqm (28.59 %) after expansion. Maximum no. of floors will be 4B+G+13 for complex and maximum height of building will be 45 m.</p> <p>(iv) During the construction of the proposed project, the water shall be supplied from treated water of nearby STP of the complex and the same will be maintained without any adverse impact on the environment. Temporary sanitary toilets shall be provided</p>

during peak labor force.

- (v) The total water requirement after expansion will be 3505 KLD. The source of water will be Municipal Supply. The total waste water generation will be 1861 KLD. The waste water shall be treated through 2 no of Sewage Treatment Plant (STP) each of capacity 1200 KLD & 2 no of ETP each of capacity 180 KLD. 1696 KLD treated water will be reused in flushing, gardening, Cooling Plant & Misc. 72 KLD of treated water from STP and 190 KLD of treated water from ETP shall be discharge to the Sewer line.
- (vi) Solid waste generation from existing hospital is 717 Kg/day of Municipal solid waste and for proposed expansion it will be 6434 KG/day total Municipal solid waste after expansion will be 7151 Kg/day. From the proposed project the biodegradable waste (5006 Kg/ day) shall be treated in Organic Waste Converter provide within the complex, recyclable waste generated (1787 Kg/day) and Plastic waste (358 Kg/day) will be handed over to authorized recycler, biomedical waste (788 Kg/day) shall be sent to CBMWTF and Used Oil of 171 lit/month shall be collected in leak proof containers at isolated place and then it will be given to approved recycler. E- Waste of 2 kg/ month will be collected and given to approved recycler.
- (vii) The total power requirement after expansion will be 11,377 KW which will be provided by BSES Rajdhani Power Limited. D.G. Set of capacities 2 x 1010 KVA & 12 x 1500 KVA shall be installed and kept acoustically enclosed & installed with anti-vibration pads and will be used during Power failure only. Hence, to avoid the emissions, stack height of 6 m above roof level for each D.G. sets has been installed to reduce the air emissions, meeting all the norms prescribed by CPCB.
- (viii) Rainwater of buildings will be collected in 14 (Existing-3 & Proposed-11) No. of RWH pits for recharging Ground water.
- (ix) Adequate parking provision shall be provided in the project of 4933 ECS as Basement parking & MLCP parking.
- (x) Eco-sensitive area lies within 10 km radius. Okhla Bird Sanctuary- 10.00 Km E and Asola Wild Life Sanctuary – 4.2 Km S.
- (xi) There is no court case pending against the project.
- (xii) Investment/Cost of the project -Rs. 1500 Crores.
- (xiii) Employment potential – Labourers during construction phase 150 no. and about 11000 personnel as staff during operation phase.
- (xiv) Benefits of the project: – The Hospital will boost some of the best medical care infrastructure in the country which is currently available in major hospitals in India AIIMS, New Delhi, R & R Hospital of the Army in New Delhi and Lilavati hospital Mumbai. It will be a Super-speciality hospital. The hospital will have its own dedicated Service Apartments specially for old age patients. The hospital will provide world class medical facilities to patients. It will also provide 24x7 Ambulance facility. The Hospital will provide employment to labourers during construction phase and employment to personnel working in the hospital during operation phase. The Hospital will also enhance the infrastructure of the area. Hospital will have treatment facilities for oncology, nephrology, neurology, orthopaedics and cardiology etc.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project 'Expansion of Gujarmal Modi Hospital & Research Center for Medical Sciences' at Press Enclave Road, Saket, New Delhi in a total plot area of 60,724.9 sqm and Built up area of 4,00,865.9 sqm.

- (ii) As this project was constructed before the EIA Notification 2006. Therefore, Environmental Clearance was not obtained for the Earlier Phase.
- (iii) Standard ToR was granted by MoEFCC vide letter No. F.No. 21-124/2017-IA-III dated 02.06.2017.
- (iv) The project/activity is covered under category 'A' of item 8(b) i.e., Townships and Area Development Projects of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (v) The proposal was earlier considered in the 24th Meeting of Expert Appraisal Committee (Infra-2) held on 30-31 October, 2017 wherein the Committee asked some additional information .
- (vi) The Project Proponent submitted/uploaded the additional information on Ministry's website on 08.11.2017.

After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) Detailed action plan to maintain Indoor Air Quality (IAQ) in the hospital as per WHO Guidelines.
- (iv) A detailed report on compliance to ECBC norms.
- (v) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (vi) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) A certificate from the competent authority handling municipal solid wastes and Bio medical waste, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. and B.M.W. generated from project.

The proposal was, therefore, deferred till the desired information is submitted.

25.4.21

Expansion of Group Housing Project "Arihant Ambar" At Plot No. Gh-16 C, Sector-1, Greater Noida, U.P. by M/s. Citycon Buildwel Pvt. Ltd.- Reconsideration for Amendment

in Environmental Clearance (IA/UP/NCP/63866/2016; F. No. 21-253/2017-IA-III)

The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a detailed presentation on the salient features of the project and informed that:

- (i) M/s Citycon Buildwel Pvt. Ltd proposes to revise the environment clearance for expansion of group housing project "Arihant Ambar" at Plot No. GH-16 C, Sector-1, Greater Noida, U.P. on a total plot area of 14000.30 sq m and total built up area is 81485.656 sqm.
- (ii) Adequate parking of 683 ECS is proposed on surface, stilt & basements for visitors as well as residents.
- (iii) A total of 5300 sqm is to be developed as landscape area.
- (iv) The project envisages construction of 06(04+2) towers including 4 residential towers+ 2 facility of 2B+G+20 floors.
- (v) Total population of the proposed project will be 3460 which include the population of residents, community and visitors.
- (vi) The total water requirement for the project has been estimated to be 305 KLD. This includes domestic water requirement, flushing, D.G. cooling and landscaping. The total fresh water requirement is 198 KLD which includes domestic water requirement. The water requirement for flushing and landscaping will be met through treated water from STP.
- (vii) Total waste water generated is 223 KLD, which will be treated in onsite STP. The treated water will be recycled and re-used for flushing, D.G. cooling and landscaping.
- (viii) The total electrical load demand has been estimated to be 2140 KVA for the proposed project. The source of power will be from Uttar Pradesh Power Corporation Ltd.
- (ix) In case of power failure, DG sets of total capacity of 2000 (3x500 + 1x500) KVA for the proposed project will be provided as power back-up.
- (x) The domestic solid waste will be generated by the occupants of the residents, visitors and people coming to community area will pertain to the two categories, Bio-degradable and Non-biodegradable. It is estimated that maximum solid waste generation would be about 1387.05 kg/day for the proposed project.
- (xi) It is not located within 10 km of Eco Sensitive areas.
- (xii) There is no court case pending against the project.
- (xiii) Investment/Cost of the project is Rs 84 Crore.
- (xiv) Employment potential: The project involves labour camp for during construction. During operational phase of Group Housing, persons will get employment opportunities as staff for management, maintenance and security. As an estimate, during operation phase, persons will get marginal employment opportunities from the residents of Group Housing who would work as domestic helpers.
- (xv) Benefit of the Project: This will help in improving the quality of life of economically weaker sections of the local area.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of amendment in Environmental Clearance to the project 'Expansion of Group Housing Project "Arihant Ambar" At Plot No. Gh-16 C, Sector-1, Greater Noida, U.P. by M/s. Citycon buildwel pvt. Ltd. in a total plot area of 14,000.30 sqm and Built up area of 81,485.656 sqm.

- (ii) Earlier environmental clearance was granted to the project by SEIAA, Uttar Pradesh vide letter No. 3082/Parya/SEAC/2370/2015/AD(H), dated 21.03.2016.
- (iii) The project/activity is covered under category 'B' of item 8(a) i.e., Building and Construction Projects of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at SEIAA/SEAC level. However, due to non existence of SEIAA/SEAC in Uttar Pradesh during the period proposal appraised at Central Level. After re-constitution of SEIAA, Uttar Pradesh, the proposal appraised at Central level in compliance to the Ministry's OM No. F. No. J.11013/41/2006-IA.III dated 23.10.2017.
- (iv) The proposal was earlier considered in the 21st Meeting of Expert Appraisal Committee (Infra-2) held on 21-24 August, 2017. The Committee asked some additional information including Certified Compliance Report of the conditions stipulated in the earlier environmental clearance issued to the project.
- (v) The Project Proponent submitted/uploaded the additional information on Ministry's website on 05.10.2017.

The EAC deliberated on the Certified Compliance Report letter F.No. VII/Env/SCL-UP/1673/2017/195 dated 04.10.2017 issued by the MoEF&CC's Regional Office (CR), Lucknow wherein it is stated that 'Compliance status could be treated as satisfactory'. After deliberation on the proposal, the Project Proponent was advised to submit the following documents/certificates:

- (i) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (v) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vi) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (vii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

	<i>The proposal was, therefore, deferred till the desired information is submitted.</i>
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25.5 Any other item with the permission of Chair.

**LIST OF PARTICIPANTS OF EAC (INFRASTRUCTURE-2) IN 25th MEETING OF EAC
(INFRASTRUCTURE-2) HELD ON 29-30 November, 2017**

S. No.	Name	Designation	Attendance		Signature
1.	Prof. T. Haque	Chairman	P	P	
2.	Shri K. Gowarappan	Member	P	P	
3.	Dr. Yashpal Singh	Member	P	P	
4.	Dr. S.K. Bhargava	Member	A	A	
5.	Dr. Ayi Vaman N. Acharya	Member	A	A	
6.	Dr. Chandrahas Deshpande	Member	A	A	
7.	Shri A. P. Singh	Member	P	P	
8.	Ms. Mili Majumdar	Member	A	P	
9.	Prof. Dr. Sanjay Gupta	Member	A	P	
10.	Shri Kushal Vashist	Director & Member Secretary	P	P	