

Minutes of the 22nd 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 11-13 September, 2017 in the Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, New Delhi – 3.

Day 1: Monday, 11th September

22.1 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.

22.2 Confirmation of the Minutes of the 21st Meeting of the EAC held on 21-24 August, 2017 at New Delhi.

The minutes of the 21st Expert Appraisal Committee (Infra-2) meeting held during 21-24 August, 2017 were confirmed with the following corrections.

Agenda No.	Minuting	Correction/To be read as
20.4.5	Title of the Project Amendment in Environmental Clearance for Proposed "Sandor" Residential & Commercial project at S.No. 230, H.No 1,2,3,4,5,6,7,8 S.No. 231, H. No 1,2,3,4,5,6,7,8,9 S.No. 235, H.No 1/2,2,3,4,5,6,7,8,9,10,11/1,11/2 S. No. 236, H. No 1, 2, 3, 7, 8, 11, 12, 13, 14, 15, 17, 18, 19,20,21,22,23,pt,24,25A,25B,27,28,29 village Sandor, Tehsil Vasai District Palghar State Maharashtra by Ameya Townhomes Pvt Ltd	Title of the Project Environmental Clearance for Proposed "Sandor" Residential & Commercial project at S.No. 230, H.No 1,2,3,4,5,6,7,8 S.No. 231, H. No 1,2,3,4,5,6,7,8,9 S.No. 235, H.No 1/2,2,3,4,5,6,7,8,9,10,11/1,11/2 S. No. 236, H. No 1, 2, 3, 7, 8, 11, 12, 13, 14, 15, 17, 18, 19,20,21,22,23,pt,24,25A,25B,27,28,29 village Sandor, Tehsil Vasai District Palghar State Maharashtra by Ameya Townhomes Pvt Ltd
	Para (i) Latitude 18°33'41.22"N and Longitude 73°48'25.32"E	Para (i) Latitude 19°21'45.50"N and Longitude 72°48'42.88"E
	Para (ii) Proposed application is for amendment in EC granted by the Ministry vide letter No. 21-366/2007-1A.III dated 07.12.2007.	Para (ii)- deleted
	Para (v) Total Water requirement is 870 m ³ /day	Para (v) Total Water requirement is 815 m ³ /day.
	Para (viii) The total expected solid waste generation is 3040 kg/day & non-biodegradable waste will account to 1234 kg/day & inert waste will account to 218.3 kg/day.	Para (viii) The total expected solid waste generation is 1836 kg/day & non-biodegradable waste will account to 606 kg/day & inert waste will account to 128 kg/day.
	Para (ix) (14 D.G sets) 3 of 75 kVA, 7of 700kva and 4 of 5125 kVA	Para (ix) (11 D.G sets) 3 of 75 kVA, 6 no. of 100kva and 2 nos. of 300 kVA
21.4.10	Configuration of Type C is B+ G+ Mezzanine+ 1Flr/1 P+ 2 Flr/2P+3 Flr/3P+ 25 Flrs,	Configuration of Type C is B + G / Shop + 1 P/ Mezzanine + 2 P/Offices + 3 P / St + 25 Flrs.
21.3.22	-	The following is included in the para (vi) of project brief: - Hotels & Commercial property developments.

22.3 Consideration of Proposals

Day 1: Monday, 11th September, 2017

22.3.1 Development of Residential Apartment project by name “Prestige Jindal City” at Sy. Nos. 28/4, 29/2, 31/1, 31/2, 32/1, 32/2, 36/1, Chikkabidarakallu Village, Dasanapura Hobli, Bengaluru North Taluk, Bengaluru by M/s Prestige Jindal City - Amendment in Terms of Reference (IA/KA/NCP/61241/2016; F. No. 21-82/2016-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 13°03'12.74" N Latitude and 77°29'18.86" E Longitude
- (ii) The total plot area is 1,34,860.34 sqm. The project will comprise of 4 Buildings. FSI area is 4,01,522.67 sqm and total construction area of 5,89,596.52 sqm. Total 3,574 Nos. flats shall be developed. Maximum height of the building is 95.0m.
- (iii) During construction phase, total water requirement is expected to be 266 KLD which will be met by External tanker water supplier for domestic purpose and for construction work labor camp mobile STP treated water. During the construction phase, mobile STP will be provided for treating 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 2,882 KLD and the same will be met by the Borewells/Village Panchayat.
- (v) Recycled Water: Wastewater generated (2,307 KLD) uses will be treated in 805 KLD, 455 KLD, 930 KLD & 130 KLD STPs of total 2,320 KLD capacity. 1,322 KLD of treated wastewater will be recycled (973 KLD for flushing, 349 KLD for gardening). About 754 KLD will be given to avenue plantation, construction purpose and excess will be disposed in to municipal drain.
- (vi) About 9.5 TPD solid waste will be generated in the project. The biodegradable waste (5.4 TPD) will be processed in OWC and the non-biodegradable waste generated (4.1 TPD) will be handed over to authorized local vendor.
- (vii) The total power requirement during construction phase is 2,000 kVA and will be met from Bengaluru Electricity Supply Company Ltd. (BESCOM) and total power requirement during operation phase is 14,934 kVA and will be met from Bengaluru Electricity supply company Ltd. (BESCOM)
- (viii) Rooftop rainwater of buildings will be collected in 115 Cum, 60 Cum, 100 Cum & 50 Cum RWH tanks of total 325 KLD capacity for harvesting after filtration.
- (ix) Parking facility for 4,054 Nos. four wheelers and Zero two wheelers is proposed to be provided against the requirement of 3,888 Nos. and Zero respectively (according to local norms).

During deliberation, the Committee noted that Standard ToR was granted to the project vide MoEF&CC letter No. 21-82/2016-IA-III dated 17.02.2017 for Plot area 1,35,063.82 sqm and total built-up area 5,81,436.56 sqm. Now Project Proponent has submitted proposal for Amendment in ToR due to decrease in plot area and increase in built-up area.

After detailed deliberations on the proposal, the EAC recommended for Amendment in Terms of Reference issued to the project vide MoEF&CC letter No. 21-82/2016-IA-III dated

17.02.2017 with following additional ToR:

- (i) The Impact of dewatering for excavation of basements and plan for disposal of groundwater generated in dewatering.
- (ii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) Details energy conservation measures to be taken. All points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (v) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (vi) 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.

22.3.2 Expansion of Residential Plotted Colony by M/s TDI Infratech Limited - Amendment in Terms of Reference (IA/HR/NCP/62487/2015; F. No. 21-250/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The proposed Residential plotted colony is a project located at village Kabri and Faridpur, Sec-36-39, Panipat, Haryana being developed by M/s Taneja Developers & Infrastructure Ltd (now known as M/s TDI Infratech Limited). The proposed project has already been granted Environmental Clearance for 1610646.30 sq m (398 acres) vide letter no. 21-577/2007-IA.III dated 7/01/2008. Then TOR for the proposed project was granted by SEAC Haryana vide F.No. HR/SEAC/686/1450 dated 15-09-2016 for the expansion of Residential plotted colony having plot area 1009101.95 sqm and built-up area 2018203.88. Now, an additional land of 171594.437 sqm (42.4025 acre) by DTCP has been granted due to which the final built-up shall be increased from 2018203.88 sqm to 2266844.21 sqm and as per the Notification dated 9th December 2016 the project falls under the Category A, under item 8(b).
- (ii) The ground coverage after expansion will be 649384.17 sqm. The Total FAR of the proposed complex after expansion will be 1711838.15 sqm. Non-FAR area will be 555006.07 sqm. The total built-up area after expansion will be 2266844.21 sqm. The green belt development area will be kept as 224028.4 sqm after expansion. Maximum height of building will be 14 m. The details are as follows:

Description	As per TOR (249.3541 Acre)	Additional Details (42.4025 Acre)	Total (291.7665 Acre)
Plot Area	1009101.95 Sqm	171594.437 sqm	1180696.387 sqm

Ground Coverage (Proposed)	555006.07 Sqm	94378.10 sqm	649384.17 sqm
F.A.R (Proposed)	1463197.82 Sqm	248640.33 sqm	1711838.15 sqm
Non-FAR AREA	555006.07 Sqm	--	555006.07 sqm
Built-up Area	2018203.88 Sqm	248640.33 sqm	2266844.21 sqm

- (iii) Total population of the complex after expansion will be 31331 Nos. (Resident- 28211, Staff- 350 Nos., visitors- 2770 Nos.)
- (iv) The total water requirement after expansion will be 4775 KLD out of which freshwater 2705 KLD and treated water is 2070 KLD. The source of water will be HUDA Supply. The total waste water generation will be 3324 KLD. 3158 KLD treated water will be discharged from STP, out of which 2070 KLD will be reused and excess water will be discharged to sewer. 80 no. of RWH pits (Existing: 61 Pits and Proposed: 19 Pits) shall be provided for storm water recharging to ground.
- (v) The total power requirement after expansion will be 22 MVA which will be provided by Dakshin Haryana Vidut Vitran Nigam Ltd. D.G. Set of capacities 7 X 250 KVA (Existing- 5 X 250 KVA & Proposed- 2 x 250 KVA) + 75 KVA at site office, 62.5 KVA at OHSR + 15 KVA at Marketing Office shall be installed & kept in acoustically treated room & installed with anti-vibration pads and will be used during Power failure only. Hence, to avoid the emissions, stack height of 3 m above roof level for each D.G. sets shall be installed to reduce the air emissions, meeting all the norms prescribed by CPCB.
- (vi) About 13163 Kg/day Municipal solid waste shall be generated in the project after expansion. The biodegradable waste (9214 Kg/ day) shall be treated in Organic Waste Converter within the complex, recyclable waste generated (3949 Kg/day) handed over to authorized recycler. Used Oil of 35 lit/month shall be collected in leak proof containers at isolated place and then given to approved recycler. E- Waste of 2 kg/ month shall be collected and given to approved recycler.
- (vii) The estimated project cost is Rs. 290.25 Crores.

During deliberation, the Committee noted that TOR for the proposed project was granted by SEAC Haryana vide F. No. HR/SEAC/686/1450 dated 15.09.2016 for the expansion of Residential plotted colony having plot area 1009101.95 sqm and built-up area 2018203.88 sqm. Now, an additional land of 171594.437 sqm (42.4025 acre) by DTCP has been granted due to which the final built-up area shall be increased from 2018203.88 sqm to 2266844.21 sqm. Therefore, Project Proponent has submitted proposal for Amendment in ToR due to increase in plot area and built-up area.

After detailed deliberations on the proposal, the EAC recommended for Amendment in Terms of Reference issued to the project by SEAC Haryana vide F. No. HR/SEAC/686/1450 dated 15.09.2016 with following additional ToR:

- (i) The Impact of dewatering for excavation of basements and plan for disposal of groundwater generated in dewatering.
- (ii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) Details energy conservation measures to be taken. All points mentioned in the proposal

	<p>such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(v) Detailed study on the impact of existing Industrial area located adjacent to the proposed site.</p> <p>(vi) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to 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>(vii) 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>
22.3.3	<p>Expansion of Life Republic residential construction project by Kolte Patil I Ven Townships Pune Ltd - Amendment in Terms of Reference (IA/MH/NCP/65018/2016; F. No. 21-251/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) Total area:14,02,143.29 sqm.</p> <p>(ii) Land use: Non Agricultural land (As notified by special township norms)</p> <p>(iii) Project components: 43 No. of residential building, 38 no. of row houses, 47 no. of twin bungalows, 158 no. of independent bungalow, Amenities 5 Nos, Commercial – 6 Nos, Schools, Hospital, Utilities</p> <p>(iv) Cost of the project: 4590.09 Crore.</p> <p>(v) Water requirement: Source: Pawana Dam. Received letter from irrigation department</p> <p>(vi) Connectivity to the site : As per point no. 6</p> <p>(vii) Terrain, level with respect to MSL: Flat, MSL: 633 m</p> <p>(viii) Rehabilitation involved if any : Not applicable</p> <p>(ix) Water bodies, diversion if any: Irrigation canal through plot, no diversification involved.</p> <p>(x) Court cases if any: Seven Litigations are pending.</p> <p><i>During deliberations, the Committee noted that ToR for the proposed project was granted by The SEAC-III (Non-MMR), Maharashtra in its 45th meeting held on 18th April, 2016. The Committee noted that there is a change in Plot area, built-up area and Master lay-out. Therefore, Project Proponent has submitted proposal for Amendment in ToR.</i></p> <p><i>After detailed deliberation the Committee advised the Project Proponent to freeze their construction activity on the day the E.C. loses its validity because E.C. cannot be extended beyond 10 years and apply afresh for Terms of Reference (ToR).</i></p> <p><i>The proposal was, therefore, deferred.</i></p>
22.3.4	<p>“Shiv- Kailasha” Proposed group Housing Scheme at NIT Metro area, Nagpur by M/s Om Shivam Buildcon Private Limited - Amendment in Terms of Reference (IA/MH/NCP/60601/2016; F. No. 21-61/2016-IA-III)</p>

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The proposal is for Amendment in ToR of "Shiv Kailasa" Proposed group Housing Scheme at NMRDA (Previously Known as NIT) Metro Region, Nagpur by Om Shivam Buildcon Pvt. Ltd at Plot No. 242, 241, 238/2, 239, 237/1, 238/1, 247/1 of Village: Sondapar, Tehsil:Hingna, District- Nagpur, Maharashtra.
- (ii) The ToR for the project was granted by MoEFCC vide letter dated 21-61/2016 IA-III vide letter dated 30.01.2017.

	Details as per TOR Received 30.01.2017	Proposed Amendment
Total Plot Area	1,21,680.00 sqm	1,21,680.00 sqm
Deductions	13,398.83 sqm	13,398.83 sqm
Net Plot Area	1,08,281.17 sqm	1,08,281.17 sqm
Permissible FSI (1.5)	1,82,520.00 sqm	1,82,520.00 sqm
Permissible Premium F.S.I. (0.7)	1,27,764.00 sqm	1,27,764.00 sqm
Permissible FSI with Premium B/UP area	3,10,284.00 sqm	3,10,284.00 sqm
Non FSI Built up area	58,686.08 sqm	Permissible Balcony (15%) 46,542.60 Sq.m. + Permissible Terrace (20%) 62,056.80 sqm =1,08,599.4 sqm
Total built up area	3,68,970.08 sqm	4,18,883.40 sqm

- (iii) Brief Comparison of Project and Building Configuration:

	Details as per TOR Received dtd. 30.01.2017	For Amendment in TOR
Building No.	1 RK – 5 Bldg. 2 BHK – 4 Bldg. 3 BHK – 5 Bldg. 1 Bungalow 1 Club House 1 Commercial Complex	2 BHK – 9 Bldg. 3 BHK – 5 Bldg. 1 Bungalow 1 Club House 1 Commercial Complex
No. of building	17	17
No. of tenements	3365	2689
Max Height (Mt)	47.35	55.80
Max No. of Floors	B+S+15 FL	B+S+16 FL
No. of users (Including Commercial & Visitors)	20900	17177

- (iv) Brief Comparison of Water Balance

	Details as per TOR Received	For Amendment in TOR
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	dated 30.01.2017					
Water Consumption Calculation	No. of Users	Domestic KLD	Flushing KLD	No. of Users	Domestic KLD	Flushing KLD
Residential	16835	1094	353	13450	874	282
Commercial	2165	52	46	2165	52	45
Visitors	1900	28	40	1562	23	33
Total	20900	1174	439	17177	950	361
Horticulture			85			85
Swimming Pool makeup		48			48	
Gross Total		1222	524		998	446
Total Water Requirement		1746			1444	

During deliberation, the Committee noted that ToR for the proposed project was granted by MoEFCC vide letter No. 21-61/2016 IA-III dated 30.01.2017. Now Project Proponent has submitted proposal for Amendment in ToR due to increase in built-up area.

After detailed deliberations on the proposal, the EAC recommended for Amendment in ToR issued to the project by MoEFCC vide letter No. 21-61/2016 IA-III vide letter dated 30.01.2017 with following additional ToR:

- (i) The Impact of dewatering for excavation of basements and plan for disposal of groundwater generated in dewatering.
- (ii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) Details energy conservation measures to be taken. All points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (v) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (vi) 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.

22.3.5 **“Orange City Street Project” by Nagpur Municipal Corporation, Nagpur by M/s Nagpur Municipal Corporation - Amendment in Terms of Reference (IA/MH/NCP/62236/2017; F. No. 21-51/2017-IA-III)**

The project proponent made a presentation and provided the following information to the Committee:-

(i) Nagpur Municipal Corporation (NMC) Proposed "Orange City Street" Residential & Commercial Scheme at 129/2008, of Mouza- Somalwada, Kh. No.- 131/2008, of Mouza- Khamala, Kh. No.-132B/07, of Mouza- Bhamti, Kh. No.- 132/08, of Mouza Jaitala, Nagpur, Maharashtra.

(ii) Project Brief: The details of the project are as follows:

Area Statement	Area in sqm
Total Plot Area as per records	3,04,900.00
Total Plot area available for development of the project	2,32,476.664
Total Residential Area	3,69,892.5
Total Commercial Area	2,71,875
Total Retail Area	6,86,72.5
Total Arcade Area	15,750
EWS	55,794.40
Total Basement (2 Nos. in each building)	2,94,000
RG @ 15.06%	45,938.911
Amenity @ 5.156%	15,720.098
Service Roads	1077.339
Total Built up area including 2 basement in each building	10,75,984.40
Total No. of Buildings: Commercial: 13 Nos., Residential : 60 Nos.	

(iii) Whether the project is in Critically Polluted area: No

(iv) If the project involves diversion of forest land, extend of the forest land: NA.

(v) Investment/Cost of the project is Rs. 3500 Crores (approx.)

During deliberation, the Committee noted that Standard ToR for the proposed project was granted by MoEFCC vide letter No. 21-51/2017 IA-III dated 15.03.2017. Wherein, Public Consultation/Public Hearing has been mentioned to be carried out. However, as per the EIA Notification, 2006, Public Consultation/Public Hearing is exempted for all building or Construction projects or Area Development projects (which do not contain any category 'A' projects and activities) and Townships (item 8 (a) and 8(b)) in the schedule to the notification. Therefore, Project Proponent has submitted proposal for Amendment in ToR.

After deliberation on the proposal, the EAC recommended for Amendment in ToR issued to the project by MoEFCC vide letter No. 21-51/2017 IA-III dated 15.03.2017 and exempted from Public Consultation/Public Hearing with following additional ToR:

(i) The Impact of dewatering for excavation of basements and plan for disposal of groundwater generated in dewatering.

(ii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.

(iii) A detailed report on compliance to ECBC norms.

(iv) Details energy conservation measures to be taken. All points mentioned in the proposal

	<p>such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(v) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to 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>(vi) 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>
22.3.6.	<p>Proposed Expansion of Mixed use development project comprising of Residential, SEZs, Commercial & Retail units– “L&T Raintree Boulevard” At Survey Nos. 88/1 to 104/4 of Byatarayanapura Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru by M/s L & T Construction Equipments Limited - Environmental Clearance (IA/KA/MIS/67077/2017; F. No. 21-43/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(viii) Rooftop rainwater of buildings will be collected in RWH tank of total 1220 KLD capacity for harvesting after filtration.</p> <p>(ix) Parking facility for 11377 nos. four wheelers is proposed to be provided against the</p>

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 the deliberation, the Committee noted that this is an expansion project for which Standard ToR was granted vide letter No. 21-43/2017-IA-III dated 06.03.2017 by the Ministry and the Project Proponent has not submitted 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). The EAC decided not to take the proposal forward till the 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 is submitted by the Project Proponent. The Committee also suggested the Project proponent to submit the following additional details:

- (i) The Impact of dewatering for excavation of basements and plan for disposal of groundwater generated in dewatering.
- (ii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) Details energy conservation measures to be taken. All points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (v) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (vi) 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.

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

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

The project proponent made a presentation and provided the following information to the Committee:-

- (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.
- (iii) Received Environment Clearance from MoEF&CC 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 3132flats and 2 rental buildings with 2117 nos. of flats, balwadi, welfare centres and commercial area. Maximum height of the building is 116.30-m
- (v) During construction phase, total water requirement is expected to be 150 KLD 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 3525KLD. 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 3326Nos. 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

After deliberation on the proposal, the EAC sought the following information:

- (i) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (ii) The Impact of dewatering for excavation of basements and plan for disposal of groundwater generated in dewatering.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.
- (iv) A detailed report on compliance to ECBC norms.
- (v) The Zoning regulations for the River/ Creek and the impact of the project on the creek
- (vi) An undertaking that there will be no discharge into the River.

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

22.3.8 Proposed Modification and Expansion of Software Technology Park (IT Park & Residential Development) “DivyaSree Techno Park” At Khata No. 1540, Survey Nos. 36/2, 36/3, 37, 38, 42/1, 42/3, 43/2, 43/3, 44/1, 44/2, 44/3, 44/4, 45/1, 45/2, 45/3, 45/4, 46, 47/1, 47/2, 49/1, 49/2, 50/2, 51/2, 51/4, 57, 78, 94, 95, 96, 136 & 137 Kundalahalli Village, Krishnarajapuram Hobli, Bangalore East Taluk, Bangalore by M/s Shyamaraju & Co. (India) Pvt. Ltd. - Environmental Clearance (IA/KA/NCP/65715/2013 ; F. No. 21-276/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 12°58'03.45' N Latitude and 77°43'29.24' E Longitude.
- (ii) The present proposal is for modification and expansion of Software Technology Park.
- (iii) Earlier environmental clearance was accorded by SEIAA, Tamil Nadu vide reference No. 148:CON: 2013 dated 3rd October 2013. Blocks under operation: Block A1, A2, A3, B4 & C1 and under construction: Block A4, Residential Block with Club House.
- (iv) The total plot area is 2,02,948.16 sqm (50.15 Acres). FSI area is 594872 sqm and total construction area of 8,84,081.62 sqm. The project will comprise of 14 Buildings. Total 1538 flats shall be developed. Maximum height of the building is 59.80 m.
- (v) During construction phase, total water requirement is expected to be 50 KLD which will

be met by BWSSB Sources. During the construction phase, the sewage generation is treated in existing Sewage Treatment Plants (Which are in operation for existing blocks). Temporary sanitary toilets are provided during peak labor force.

- (vi) During operational phase, total water demand of the project is expected to be 3017 KLD and the same will be met by the 869 Recycled Water. Wastewater generated (2644 KLD) uses will be treated in 5 STPs of total 3150 KLD capacity. 2644 KLD of treated wastewater will be recycled (869 for flushing, 394 for gardening and 1381 for AC cooling tower make up). No treated water will be disposed in to municipal drain.
- (vii) About 10.993 TPD solid wastes will be generated in the project. The biodegradable waste (4.490 TPD) will be processed in OWC and the non-biodegradable waste generated (2.994 TPD) will be handed over to authorized local vendor
- (viii) Rooftop rainwater of buildings will be collected in 450 RWH tanks of total 436 KLD capacity for harvesting after filtration.
- (ix) Parking facility for 9889 four wheelers and adequate spaces for two wheelers is proposed to be provided against the requirement (according to local norms).
- (x) Proposed energy saving measures would save about minimum 20% 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 291.55 (in crore).
- (xiv) Employment potential 500 during construction and 250 during operation.
- (xv) Benefits of the project: The project basically fulfils the need of housing / office space requirement in the region.

During the deliberation, the Committee noted that this is an expansion project for which ToR was granted vide letter No. SEIAA 81 CON 2016 dated 18.11.2016 by SEAC, Karnataka and the Project Proponent has not submitted Certified Compliance Report on the compliance of the conditions stipulated in the earlier environmental clearances issued to the project. The EAC decided not to take the proposal forward till the 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 is submitted by the Project Proponent. The Committee also suggested the Project proponent to submit the following additional details:

- (i) 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.
- (ii) Details energy conservation measures to be taken. All points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (iii) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.

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

22.3.9 Prefab 3BHK, 2BHK&EWS Housing for Delhi Development Authority at Pocket 11, Sector – A1A4, Narela, Delhi by M/s Delhi Development Authority (DDA) - Environmental Clearance (IA/DL/NCP/63318/2017 ; F. No. 21-119/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The proposed project aims at development of a Group Housing scheme "Prefab 3BHK, 2BHK & EWS Housing For DDA" located at Pocket 11, Sector-A1A4, Narela, New Delhi.
- (ii) The site is almost eve in topography and possesses in the area of 149000 sqm. The Housing Complex will be constructed as per the defined building by-laws of the Delhi Development Authority The proposed Housing Complex will have total built-up area of 703385.167 sqm.
- (iii) During construction phase water from tankers/Ground water (if DJB permits) will be used for Housing Complex. During the project operational stage, water will be supplied by DJB and partly Ground water only if DJB permits for the same.
- (iv) During the operational phase water will be supplied by DJB and partly Ground water only if DJB permits for the same and through tankers during construction phase
- (v) Total solid waste generation(kg/day) 11376 (as per CPHEEO Manual of Solid Waste Management) adequate number of collection bins separate for biodegradable and non-biodegradable waste shall be provided as per the MSW Rule, 2000. Final segregation of solid waste into biodegradable, non-biodegradable, and inert fraction will take place in centralized collection facility.
- (vi) The total connected load as per TPDDL is calculated to be around say, 61750 KW and after considering diversity etc. the transformer rating shall be 41040 KVA for this Housing Complex. Power will be supplied by TPDDL.

During deliberation, the Committee noted that Standard ToR for the proposed project was granted by MoEFCC vide letter No. 21-119/2017 IA-III dated 19.06.2017. The project Proponent has submitted the EIA Report for construction of Prefab 3BHK, 2BHK & EWS Housing for Delhi Development Authority at Pocket 11, Sector-A1A4, Narela, New Delhi by M/s Delhi Development Authority. The Committee noted that the Project Proponent has submitted the EIA Report with baseline data only for 2 and half months (01.11.2016 – 17.01.2017) instead 3 months. After detailed deliberation, the Committee sought the following additional information:

- (i) Submit revised EIA Report including 3 months baseline data.
- (ii) Permission letter from Delhi Jal Board to provide 3887.5 KLD water as proposed.
- (iii) Air Quality data in terms of Air Quality Index
- (iv) 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.
- (v) Details energy conservation measures to be taken. All points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (vi) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be

submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.

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

22.3.10 Expansion of Group Housing Project "RG Euphoria" at Plot No: 12, GH-04, Vrindavan Yojna, Tehsil Sadar, Lucknow. Uttar Pradesh by M/s RG Infracity Pvt. Ltd - Environmental Clearance (IA/UP/NCP/65786/2017 ; F. No. 21-277/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) M/s RG Infracity Pvt. Ltd. proposes for expansion of Group housing project "RG Euphoria" at Plot No: 12, GH-04, Vrindavan Yojna, Tehsil Sadar, Lucknow. Uttar Pradesh on a total plot area of 9730 sqm and total built up area is 37685.08 sqm.
- (ii) Earlier EC was obtained vide No. environmental clearance No. 233/Parya/SEAC/2525/2014, dated 02.09.2016.
- (iii) Proposed project is construction of multistoried residential with community facilities. Adequate parking of 447 ECS is proposed for visitors as well as residents. A total of 979.53 sqm is to be developed as landscape area.
- (iv) The project envisages construction of 4 numbers of residential towers along with community hall and commercial facilities.
- (v) Total population of the proposed project will be 1299 which include the population of residents, community and visitors.
- (vi) The total water requirement for the project has been estimated to be 104 KLD. This includes domestic water requirement flushing, D.G. cooling and landscaping. The total fresh water requirement is 103 KLD which includes domestic water requirement. The water requirement for landscaping will be met through treated water from CSTP of that area.
- (vii) Total waste water generated is 84 KLD which will be discharged into public sewer & will be treated in common STP of that area.
- (viii) The total electrical load demand has been estimated to be 1425 KW for the proposed project. The source of power will be from Lucknow Electricity Supply Administration (LESA).
- (ix) In case of power failure, DG sets of total capacity of 800 KVA each 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 0.58 kg/day for the proposed project.
- (xi) Solar energy shall be used to the extent possible.
- (xii) The scientifically designed rain water harvesting structures will be installed at 1 location. Estimated quantity of rain water to be harvested - 5692.14 cum per hr.
- (xiii) Total proposed Car Parking - 447 ECS will be provided.
- (xiv) Investment of the project is Rs. 60 Crore.
- (xv) Employment will be generated and housing will be provided to resident.

(xvi) Benefit of the project: 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.

The EAC deliberated on the proposal and certified compliance report letter F. No. VII-Env/SCL-UP/1659/2017/166 dated 07.09.2017 issued by the MoEF&CC's Regional Office (CR), Lucknow 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) As proposed sewage generated shall be discharged into public sewer and will be treated in common STP.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 01 no of rain water harvesting pits shall be provided as per CGWB guidelines.
- (iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (v) 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.
- (vi) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Awas Vikas Water Supply shall not exceed 103 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 979.53 sqm area shall be provided for green belt development.

22.3.11 **Proposed Construction of General Pool Office Accommodation (GPOA) at Fazalganj,**

Kanpur, U.P by M/s Central Public Works Department Kanpur - Environmental Clearance (IA/UP/NCP/65804/2017 ; F. No. 21-278/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 26° 27' 39.25" N to 26° 27' 43.12" N Latitude and 80° 18' 24.37" E to 80° 18' 29.52" E Longitude.
- (ii) This is a new project. The total plot area is 10338.69 sqm. FSI area is 17835.13 sqm and total construction area of 25634.43 sqm. The project will comprise of G+6 Buildings. Total 27 flats shall be developed. Maximum height of the building is 30 m.
- (iii) During construction phase, total water requirement is expected to be 76 KLD which will be met by tanker 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 labour force.
- (iv) During operational phase, total water demand of the project is expected to be 32 KLD and the same will be met from ground water from bore wells. Wastewater generated (20 KLD) uses will be treated in Common STPs of Fazalganj industrial area. About 20 KLD will be disposed in to municipal drain.
- (v) About 0.15 TPD solid wastes will be generated in the project. The biodegradable waste (0.10TPD) will be processed in OWC and the non-biodegradable waste generated (0.5 TPD) will be handed over to authorized local vendor.
- (vi) The total power requirement during construction phase is 250 KVA and will be met from Uttar Pradesh Vidyut Vitran Company and total power requirement during cooperation phase is 1250 KVA and will be met from Uttar Pradesh Vidyut Vitran Company.
- (vii) Rooftop rainwater of buildings will be collected in 2 RWH tanks of total 86.36 cum capacities each for harvesting after filtration.
- (viii) Parking facility for 354 four wheelers and NA two wheelers is proposed to be provided against the requirement of 334 and NA respectively (according to local norms).
- (ix) Proposed energy saving measures would save about % of power.
- (x) It is not located within 10 km of Eco Sensitive areas.
 - Ganga River – 4 Km in NE direction
 - Pandu Nadi – 4.3 Km in SW direction
 - Open Mixed Jungle Zoo – 3.6 Km in N direction
- (xi) There is no court case pending against the project.
- (xii) Investment cost of the project is Rs. 90.4 Crore.
- (xiii) Employment potential – 30.
- (xiv) Benefits of the project - The Central Public Work Department (CPWD), Kanpur, and Central division plans to build a new GPOA office building to cater various departments at Fazalganj, Kanpur. The proposed complex shall act a landmark structures equipped with the latest amenities for a modern office building.

The EAC deliberated on the proposal. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Proposed site is 3.6 km away from Zoo. If required, permission from the Zoo Authority/Forest Department shall be obtained before commencement of the work.
- (iii) As proposed sewage generated shall be discharged into public sewer with prior permission and treated in Common STP of Fazalganj industrial area.
- (iv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 02 nos of rain water harvesting pits shall be provided as per CGWB guidelines.
- (v) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vi) 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.
- (vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Municipal Water Supply shall not exceed 32 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 2107.29 sqm area (21%) shall be provided for landscape.

22.3.12 **Proposed Smart Industrial Port City (SIPC) at green Field Site 2 (KPT Complex, 850 Acres), Gandhidham, Kutch – Gujarat by M/s Kandla Port Trust - Environmental Clearance (IA/GJ/MIS/67685/2017; F. No. 21-169/2017-IA-III)**

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 23°02'21.5"N Latitude and 70°10'33.7"E Longitude.
- (ii) The total plot area is 34,39,827.5 sqm. FSI area is 36,89,093.69 sqm and total construction

area of 36,89,093.69 sqm. The project will comprise of residential buildings, schools, parks. Total 24,000 flats shall be developed. Maximum height of the building is 12 m.

- (iii) During construction phase, total water requirement is expected to be 90 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.
- (iv) During operational phase, total water demand of the project is expected to be 13,700 KLD and the same will be met by the GWSSB. Recycled Water. Wastewater generated (6,983.38 KLD) uses will be treated in STP of total 6,900 KLD capacity. 6,800 KLD of treated wastewater will be recycled (1500 KLD for flushing, 1900 KLD for gardening).
- (v) About 18.8 TPD solid wastes will be generated in the project. The biodegradable waste (9.39 TPD) will be processed in OWC and the non-biodegradable waste generated (9.41 TPD) will be handed over to authorized local vendor.
- (vi) The total power requirement during construction phase is 200 KVA and will be met from PGVCL and total power requirement during cooperation phase is 78.8 MW and will be met from PGVCL.
- (vii) Rooftop rainwater – Recharge pits are not recommended for the project but the catchment channels will be provided at the site for safe percolation of water into the ground.
- (viii) Parking facility for 28,351 ECS is proposed to be provided against the requirement of 28,300 ECS (according to NBC norms).
- (ix) Proposed energy saving measures would be adopted.
- (x) It is not located within 10 km of any Eco Sensitive areas.
- (xi) There is no/court case pending against the project.
- (xii) Investment/Cost of the project is Rs. 676.17 Crore.
- (xiii) ToR was granted to the project by EAC (Infra-2) in its meeting held on 27-29 June, 2017 and vide letter F. No. 21-169/2017-IA-III dated 04.08.2017.
- (xiv) Employment potential – 50,300.
- (xv) Benefits of the project – Project involves development of residential tower, industrial parks and commercial spaces with shops, furniture industry, edible oil Refinery Park, engineering & fabrication industry, social culture/community centre, police post, fire station, logistic park, etc. Employment for the local people will be generated during the development of the project.

The EAC deliberated on the proposal. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) No part of the project will lie in the CRZ area.
- (iii) The Clearance is only for Infrastructure development and individual allottees shall have

to take E.C. as applicable.

- (iv) No industries covered under Category A or B of the EIA notification shall be permitted.
- (v) No notified ponds or reservoirs shall be used up in the project. They should be demarcated and preserved.
- (vi) The conditions of this E.C. will form part of the Lessee and Contractor agreements.
- (vii) The EMP and the DMP shall also form part of the lessee agreements and responsibilities fixed.
- (viii) The stipulations as provided in Annexure XIV of the revised EIA notification of 2016 would be implemented and also form part of the Lessee and Contractor agreements.
- (ix) Open areas would be serviced by 100% Solar Lighting with a 50% power backup.
- (x) Sewage shall be treated in the STP based on Submerged Aerated Fixed Reactor and Moving Bed Bio-Reactor (MBBR) technology with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used for flushing, horticulture, and road washing.
- (xi) The project will provide a CETP for effluent treatment.
- (xii) Excess treated water shall be entirely used up and also given to member industries for recycle and reuse. Possibilities shall also be explored for use in roadside plantation, spraying for dust suppression and forestry.
- (xiii) No effluents should be allowed to flow into the creek.
- (xiv) No Water desalination plant will be installed in the project without prior permission of the Ministry. Sweet water shall be taken from authorised sources only.
- (xv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 2 nos. of rain water storage ponds (catchment channels) for safe percolation of water into ground shall be provided as per CGWB guidelines.
- (xvi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (xvii) 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.
- (xviii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Gujarat Water Supply and Sewerage Board (GWSSB) water supply shall not exceed 6322.77 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The

	<p>existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 3,80,158 sqm area shall be provided for green belt development.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.3.13	<p>Proposed Smart Industrial Port City (SIPC) at green Field Site 1 (Adipur side –Northeast of Antarjaal, South of Tagore Road, 580 Acres), Gandhidham, Kutch –Gujarat by M/s Kandla Port Trust - Environmental Clearance (IA/GJ/NCP/64587/2016; F. No. 21-295/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at 23°03'32.1"N Latitude and 70°05'54.1"E Longitude.</p> <p>(ii) The total plot area is 23,50,307 sqm. FSI area is 25,10,174 sqm and total construction area of 33,76,821 sqm. The project will comprise of buildings, schools, depot, etc. Total 11,714 flats shall be developed. Maximum height of the building is 12 m.</p> <p>(iii) During construction phase, total water requirement is expected to be 90 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.</p> <p>(iv) During operational phase, total water demand of the project is expected to be 13,023.68 KLD and the same will be met by the Gujarat Water Board and Recycled Water. Wastewater generated (10,014.50KLD) uses will be treated in STPs of total 10200 KLD capacity. 7000 KLD of treated wastewater will be recycled (2700 KLD for flushing, 2751 KLD for gardening).</p> <p>(v) About 26.3 TPD solid wastes will be generated in the project. The biodegradable waste (15.8 TPD) will be processed in OWC and the non-biodegradable waste generated (10.5 TPD) will be handed over to authorized local vendor.</p> <p>(vi) The total power requirement during construction phase is 200 KVA and will be met from PGVCL and total power requirement during cooperation phase is 37 MVA and will be met from PGVCL.</p> <p>(vii) Rooftop rainwater of buildings will be collected from roof top, green area and paved area and total annual groundwater recharge will be 4,50,000 m³.</p> <p>(viii) Parking facility for 28,360 ECS is proposed to be provided against the requirement of 28,351 ECS (according to NBC and local norms).</p> <p>(ix) Proposed energy saving measures would save about 26% of power.</p> <p>(x) It is not located within 10 km of any Eco Sensitive areas.</p>

- (xi) There is no/court case pending against the project.
- (xii) Investment/Cost of the project is Rs. 500 Crore.
- (xiii) Employment potential – 12,000.
- (xiv) Benefits of the project – Project involves development of residential tower, industrial parks and commercial spaces with shops, social culture/community center, police post, fire station, logistic park, etc. Employment for the local people will be generated during the development of the project.

The EAC deliberated on the proposal. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) No part of the project will lie in the CRZ area.
- (iii) The Clearance is only for Infrastructure development and individual allottees shall have to take E.C. as applicable.
- (iv) No industries covered under Category A or B of the EIA notification shall be permitted.
- (v) No notified ponds or reservoirs shall be used up in the project. They should be demarcated and preserved.
- (vi) The conditions of this E.C. will form part of the Lessee and Contractor agreements.
- (vii) The EMP and the DMP shall also form part of the lessee agreements and responsibilities fixed.
- (viii) The stipulations as provided in Annexure XIV of the revised EIA notification of 2016 would be implemented and also form part of the Lessee and Contractor agreements.
- (ix) Open areas would be serviced by 100% Solar Lighting with a 50% power backup.
- (x) Sewage shall be treated in the STP based on Submerged Aerated Fixed Reactor and Moving Bed Bio-Reactor (MBBR) technology with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used for flushing, horticulture and road washing.
- (xi) The project will provide a CETP for effluent treatment.
- (xii) Excess treated water shall be entirely used up and also given to member industries for recycle and reuse. Possibilities shall also be explored for use in roadside plantation, spraying for dust suppression and forestry.
- (xiii) No effluents should be allowed to flow into the creek.
- (xiv) No Water desalination plant will be installed in the project without prior permission of the Ministry. Sweet water shall be taken from authorised sources only.
- (xv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As

proposed, 2 nos. of rain water storage ponds (catchment channels) for safe percolation of water into ground shall be provided as per CGWB guidelines.

- (xvi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 1 acre space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (xvii) 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.
- (xviii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Gujarat Water Supply and Sewerage Board (GWSSB) water supply shall not exceed 6062.54 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 3,93,035 sqm area shall be provided for green belt development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.3.14 Proposed Group Housing Project "Speedway Avenue" at Plot No.GH - A3, Jaypee Sports City, Sector 25, SDZ, Yamuna Expressway Greater Noida, District - Gautam Budh Nagar, Uttar Pradesh by M/s Pyramid Townships (P) Ltd. - Environmental Clearance (IA/UP/NCP/65872/2017 ; F. No. 21-279/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 28°21'24.20"N Latitude and 77°31'35.06"E longitude.
- (ii) The project is New. The total plot area is 9,714.90 sqm. FSI area is 28850.346 sqm and total construction area of 47073.92 sqm. The project will comprise of only three Towers. Flats shall be developed. Maximum height of the building is 65 m.

- (iii) During construction phase, total water requirement may vary from 16-18 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.
- (iv) During operational phase, total water demand of the project is expected to be 132 KLD and the same will be met by the 82 KLD Recycled Water. Wastewater generated (102 KLD) uses will be treated in STP of capacity 125 KLD of treated waste water will be recycled (2 KLD for gardening, 30 KLD for Flushing 8 KLD for DG Cooling and 42 KLD Discharge to Sewer).
- (v) About 685.05 kg/day solid waste will be generated in the project.
- (vi) The total power requirement is 2675 KW and will be met from Noida Power Company Limited (NPCL).
- (vii) Rooftop rainwater of buildings will be recharge through 09 nos. of rain water harvesting pits.
- (viii) The total parking proposed is 379 ECS.
- (ix) Proposed energy saving measures would save about 10% of power.
- (x) It is located/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. 174 Crores.
- (xiii) Employment potential 200 peoples.
- (xiv) Benefits of the project Social, Economical and Environmental.

During deliberation, the Committee noted that Proposed Group Housing Project "Speedway Avenue" is proposed at Plot No.GH-A3, Jaypee Sports City, Sector 25, SDZ, Yamuna Expressway Greater Noida, District - Gautam Budh Nagar, Uttar Pradesh. The Committee asked the project proponents to clarify whether the Environmental Clearance has been obtained by the Jaypee Sports city or not? and submitted the same to the Committee.

The project proponent was allowed to submit the clearance by 13.09.2017. The Project proponent submitted the clearance as obtained for the Jaypee Sports City on 13.9.2017 before the Committee. On being satisfied with the submission of the Project proponent, the Committee 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) The project will comply with the conditions of the Environmental Clearance issued to the JAYPEE Sports City as applicable.
- (iii) A certificate shall be obtained from the NOIDA and submitted along with the first compliance report. This certificate shall give details on the sources and accessibility of water along with the quantities available, the commitments made, the balance available

and permission received by them for supplying the same.

- (iv) Sewage shall be treated in the STP based on FAB technology with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used for flushing, landscaping, DG cooling. Excess treated water shall be discharged into municipal drain.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 09 nos. of rain water harvesting pits shall be provided as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 150 sqm shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vii) 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.
- (viii) Open areas would be serviced by 100% Solar Lighting with a 50% power backup.
- (ix) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Municipal Water Supply shall not exceed 90 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 2093.911 sqm area (21%) shall be provided for landscape.
- (iii) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.3.15 Proposed Group Housing Plan of at Plot No. 4BS/2/1, Siddharth Vihar Yojna, Ghaziabad, Uttar Pradesh by M/s Perigee Land and Housing Private Limited - Environmental Clearance (IA/UP/NCP/65896/2017; F. No. 21-280/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 28°39'11.19" N, Latitude and 77°24'14.32"E longitude.
- (ii) The project is new development. The total plot area is 14000 sqm. FSI area is 57,060.735 sqm and total construction area of 97,581.83 sqm. The project will comprise of Residential Buildings. Total 763 flats, 140 EWS/LIG shall be developed. Maximum height of the building is 90 m.

- (iii) During construction phase, total water requirement is expected to be ~50 KLD which will be met by Municipal supply/Private Tankers. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Mobile toilets will be provided during peak labor force.
- (iv) During operational phase, total water demand of the project is expected to be 426 KLD and the same will be met through the Municipal supply and Recycled Water. Wastewater generated (394 KLD) will be treated in the STP of total 500 KLD capacity. 116 KLD of treated wastewater will be recycled (105 KLD for flushing, 6 KLD for Horticulture and 5 KLD for other low end uses). About 239KLD will be disposed in to municipal sewer.
- (v) About 2039 Kg/day solid wastes will be generated in the project. The biodegradable waste 1223.4 Kg/day will be processed in OWC and the non-biodegradable waste generated 815.6 Kg/day will be handed over to authorized local vendor.
- (vi) Total power requirement during operation phase is 2880 KVA and will be met from UPPCL.
- (vii) Rooftop rainwater of buildings will be collected in 4 RWH Pits of total 91 m³ capacity for ground water recharge.
- (viii) Parking facility for 1213 vehicle space four wheelers and two wheelers is proposed to be provided against the requirement of 722 vehicle space respectively (according to local norms).
- (ix) Proposed energy saving measures would save about 20 % 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 Rs. 280 in crore.
- (xiii) Employment potential 200 workers during construction and 225 workers during operation phase.
- (xiv) Benefits of the project: Residential facilities with modern amenities, Employment opportunity to people, Increase in land value, Wider economic growth, Additional revenues for district government, Reduction in pollution by developing green area and Improving quality of life

The EAC deliberated on the proposal. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on Submerged Aerated Fixed Reactor and Moving Bed Bio-Reactor (MBBR) technology with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used for flushing, horticulture and road washing.
- (iii) Excess treated water shall be reused through roadside plantations, in forestry or for dust

suppression in consultation with the Awas Vikas Parishad or any other local Body concerned and /or the Forest Department.

- (iv) No dewatering for basements shall be undertaken.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 04 nos of rain water harvesting pits shall be provided as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As suggested at least 55 sqm space shall be provided for solid waste management within the premises which will include area for segregation, collection composting. The inert waste from group housing project will be sent to dumping site.
- (vii) Open areas would be serviced by 100% Solar Lighting with a 50% power backup.
- (viii) 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.
- (ix) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Municipal Water Supply shall not exceed 310 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 2649.30 sqm area (19%) shall be provided as green area.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.3.16 **Expansion of Proposed Mix Use Complex "DLF My Pad" at Plot no. -TC/G/6 Vibhuti Khand, Gomti nagar, Lucknow,U.P. by M/s DLF Universal Ltd - Environmental Clearance (IA/UP/NCP/65898/2017; F. No. 21-281/2017-IA-III)**

The project proponent made a presentation and provided the following information to the

Committee:-

- (i) The project is located at 26°51'56.04"N, Latitude and 81° 0'28.43"E longitude.
- (ii) The project is redevelopment (expansion project). Environment Clearance granted by SEIAA, U.P vide letter no. 770/Parya/SEAC/278/2008/AD (H), dated 09.06.2013. Construction has already been started at the project site and 75 % work completed.
- (iii) The total plot area is 19950.99 sqm (4.92 Acres). FSI area is 39876.77 sqm (199.8%) and total construction area of 73242.75 sqm. The project will comprise of Residential, and Commercial, Buildings. Total 616 Units and 106 Shops shall be developed. Maximum height of the building is approx. 45 m.
- (iv) During construction phase, total water requirement is expected to be 10 KLD which will be met by Municipal supply/Private Tankers. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Mobile toilets will be provided during peak labor force.
- (v) During operational phase, total water demand of the project is expected to be 150 KLD and the same will be met by the Municipal supply and Recycled Water. Wastewater generated (113 KLD) will be treated in STP of total 150 KLD capacity. 60 KLD of treated wastewater will be recycled (35KLD for flushing, 13KLD for Horticulture and 12KLDfor HVAC). About 55KLD will be disposed in to municipal drain.
- (vi) About 754kg/day solid waste will be generated in the project. The biodegradable waste (447 kg/day) will be processed in OWC and the non-biodegradable waste generated (307kg/day) will be handed over to authorized local vendor.
- (vii) The total power requirement during construction phase is 25 KVA and will be met from D G Set and total power requirement during operation phase is 3500 KVA and will be met from UPPCL.
- (viii) Rooftop rainwater of buildings will be collected in 3RWH tanks of total 74.25m³ capacity for harvesting after filtration.
- (ix) Parking facility for 1198 vehicle space four wheelers and two wheelers is proposed to be provided against the requirement of 1196 vehicle space respectively (according to local norms).
- (x) Proposed energy saving measures would save about 20 % 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. 210 Crore.
- (xiv) Employment potential 200 workers during construction.
- (xv) Benefits of the project: Residential facilities, Shopping Complex, Employment opportunity to people, Increase in land value, Wider economic growth, Additional revenues for district government, Reduction in pollution by developing green area and Improved quality of life for people.

During the deliberation, the Committee noted that this is an expansion project for which earlier environmental clearance was issued to the project by SEIAA, U.P vide letter no. 770/Parya/SEAC/278/2008/AD (H), dated 09.06.2013 and the Project Proponent has not submitted Certified Compliance Report on the compliance of the conditions stipulated in the earlier environmental clearance. The EAC decided not to take the proposal forward till the 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 is submitted by the Project Proponent. The Committee also suggested the Project proponent to submit the following additional details:

- (i) The Impact of dewatering for excavation of basements and plan for disposal of groundwater generated in dewatering.
- (ii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) Air Quality data in terms of Air Quality Index.
- (v) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (vi) 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. *The proposal was, therefore, deferred till the desired information is submitted.*

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

22.3.17 Proposed "IT PARK" At S. No. 65/1, 65/2 & 65/3, Kharadi, Pune Maharashtra by M/s KRC Infrastructure & Projects Pvt. Ltd. on behalf of Gera Developments Pvt. Ltd. - Environmental Clearance (IA/MH/NCP/65906/2016; F. No. 21-282/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The proposed project is an IT Park.
- (ii) Earlier Clearance detail: EC dated 2nd Feb 2017 for the total BUA 1,75,491.53 sq.m
- (iii) The total plot area is 1,04,400.00 sqm. FSI area is 2,23,341.05 sqm and total construction area of 5,25,670.80 sqm. The project will comprise of 6 Nos. of buildings. Maximum height of the building is 67.80m.
- (iv) During Construction Phase, total water requirement is expected to be 30 KLD which will be met by tanker water. During the construction phase mobile STP will be provided for treatment of waste water generated through labor toilets. Labor shall be provided with mobile toilet facilities.
- (v) During operation phase, total water demand of the project is expected to be 3090 KLD and same will be met by the Pune Municipal Corporation (1319 KLD Fresh Water) and recycled water (1771 KLD). Waste water generated (1968KLD) will be treated in 6 STPs of total 1980 KLD capacity. 1771 KLD of treated wastewater will be recycled (1200 KLD for flushing, 30 KLD for gardening and 541 KLD for HVAC makeup). Nothing will be disposed into municipal drain.
- (vi) About 12TPD solid wastes will be generated in the project. The biodegradable waste (3.6TPD) will be processed in mechanical composter and the non-biodegradable waste generated (8.4TPD) will be handed over to recyclers.
- (vii) The total power requirement during construction phase is 500 kW and will be met from MSEDCL and total power requirement during operation phase is 37200 kW (Connected

load) and will be met from MSEDCL.

- (viii) Rooftop rainwater of each buildings will be collected in 6 RWH tanks of total 330 cum (55 cum each tank) capacity in addition Storm water runoff from the catchment area except roof top additional RWH tank of capacity 215 cum is proposed. For the purpose of ground water recharge 2 No's of recharge well have been proposed.
- (ix) Parking facility for 5444 four wheelers and 13066 two wheelers is proposed to be provided against the requirement of 5444 four wheelers and 13066 two wheelers.
- (x) Proposed energy saving measures will be solar street lighting and LED 4 kW, common area LED lighting 546 kW and Solar PV panels 264 kW.
- (xi) It is not located within 10 Km of any eco sensitive area.
- (xii) There is no court case pending against the project.
- (xiii) Investment/cost of the project is Rs. 1250 crores.
- (xiv) Employment potential: During construction phase around 200 labors will be employed apart from other skilled employees. During operation phase more than 2500 nos. of employment will be generated.
- (xv) Benefit of the project: Several local employment opportunities shall be generated through the project development in the form of employment in IT firms, Building Management, small scale hospitality sectors etc. Proposed IT Park will provide space for business setup for IT and other business firms.

During the deliberation, the Committee noted that earlier proposal was appraised by SEAC-III, Maharashtra with total built-up area comprising 5,25,670.80 sqm in its 48th and 51st Meeting held between June – July, 2016. However, environmental clearance was granted by SEIAA, Maharashtra vide letter No. SEAC-III/CR-245/TC-3 dated 2nd Feb, 2017 restricting built-up area up to 1,75,491.53 sqm considering the approval received from the Local Planning Authority. Now, as total built-up area is more than 3,00000.0 sqm the Project proponent submitted the proposal to the EAC (Infra-2) as per the amendment in EIA notification dated 9.12.2016

The EAC deliberated on the proposal and certified compliance report letter No. EC-489/RON/2017-NGP dated 16.08.2017 issued by the MoEF&CC's Regional Office (WCZ), Nagpur 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on Moving Bed Bio-Reactor (MBBR) technology with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used for flushing, horticulture and HVAC makeup. As proposed, no treated water shall be discharged into municipal drain.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be

followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 06 nos of rain water harvesting tanks in addition 2 nos. of recharge pits shall be provided for ground water recharge as per CGWB guidelines.

- (iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As suggested at least 158 sqm space shall be provided for solid waste management within the premises which will include area for segregation, collection composting. The inert waste from group housing project will be sent to dumping site.
- (v) 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.
- (vi) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Pune Municipal Corporation Water Supply shall not exceed 1319 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 3491 sqm area (19%) shall be provided for green belt development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.3.18 **Proposed "Special Township Project" at Gat No. 435, 436, 437,438,440, 441, 442, 446, 447, 449, 559, 560, 561/1, 561/2, 562, 571, 572, 573, 574, 575, 580/1, 80/1,581/3, 581/4, 582, 596/2, 597/1, 597/2, 597/3, 597/5A, 597/5B, 597/5C, 597/5D, 598, 620, 621,632 Village - Mahalunge, Talula - Khed, District - Pune, Maharashtra by M/s Autoline Industrial Parks Ltd - Environmental Clearance (IA/MH/NCP/65952/2017; F. No. 21-283/2017-IA-III)**

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 18°45'48.79"N Latitude and 73°47'48.54"E longitude.
- (ii) The project is new. Earlier Project has been appraised to the SEAC and SEIAA Maharashtra. The proposals was recommended by the SEAC Maharashtra and taken up

by the SEIAA which has given 03 observations which have been suitably responded to and submitted to the Ministry. No construction done till date.

- (iii) The total plot area will be 4,22,666.00 sqm. FSI area is 3,48,988.00 sqm and total construction area will be 5,63,473 sqm. Total 4396 flats will be developed. Maximum height of the commercial building is 100 m and residential is 43.15 m.
- (iv) During construction phase, total water requirement is expected to be 50 KLD which will be met by treated water from existing STP and tanker. During the construction phase existing STP will be used for treatment & disposal of waste water.
- (v) During operational phase, total water demand of the project is expected to be 3790 m³/day and the same will be met by the 3161 m³/day Recycled Water 2456 m³/day fresh Water. Wastewater generated 3411 m³ / day uses will be treated in 5 STPs of total 3412 m³/day capacity. 3161m³/day of treated wastewater will be recycled (1431 m³/day for flushing, 1730 m³/day for gardening). About 209 m³/day will be disposed in to drain during dry season & 1730 m³/day during wet season.
- (vi) About 9.675 T/ day solid waste will be generated in the project. The biodegradable waste (4.8 T/ day) will be processed in OWC and the non-biodegradable waste generated (2.2 T/ day) will be handed over to authorized local vendor SWACH.
- (vii) The total power requirement during construction phase is: Demand load: 35 KW
- (viii) DG set as Power back-up during construction phase: 44 KVA
- (ix) Rooftop rainwater of buildings will be harvested in 44Rainwater Harvesting pits will be constructed around the recharge bore with filter media with size of 1.5 Mt. diameters x 3 Mt. Excess water will be drained to existing open wells.
- (x) Parking facility for 3870four wheelers and 17132 two wheelers, No of cycles 17667 is proposed.
- (xi) Proposed energy saving measures would save about 3% of power.
- (xii) Project 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. 500 crore.
- (xv) Employment potential – Employment generation for local people as well as from surrounding area would increase during construction work of the Project. Local skilled and unskilled laborers will have an opportunity for employment directly or indirectly.
- (xvi) Benefits of the project: – Economy Improvement, Improvement in infrastructure facility and Employment Generation. Green cover of the project area will be enhanced by beautifully landscaped.

During the deliberation, the Committee noted that earlier proposal was appraised by SEAC-III, Maharashtra. The project proponents informed that the proposals have been recommended by the SEAC Maharashtra and taken up by the SEIAA which has given 03 observations which have been suitably responded to and submitted to the Committee. The Committee deliberated on the proposal. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on Phytorid System with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used for flushing and horticulture. About 209 m³/day will be disposed in to municipal drain during dry season & 1730 m³/day during wet season as per norms.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 44 nos of rain water harvesting recharge pits shall be provided for ground water recharge as per CGWB guidelines.
- (iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, collection composting. The inert waste from group housing project will be sent to dumping site.
- (v) 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.
- (vi) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Irrigation Department, Pune water supply shall not exceed 2456 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 15.86 hectare area (37.5%) shall be provided for green belt development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.3.19 **Matheran Passenger Ropeway at Village Bhutivali, Tehsil Karjat, District – Raigad, Maharashtra by M/s Matheran Ropeway Pvt Ltd- Environmental Clearance**

IA/MH/MIS/58822/2016; F.No. 10-63/2016-IA-III

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The proposed Matheran Passenger Ropeway shall be developed at Village-Bhutivali, Tehsil: Karjat, District-Raigad, Maharashtra by M/s Matheran Ropeway Private Limited (MRPL) which is a Special Purpose Vehicle (SPV) incorporated under Companies Act for implementation and operation of Matheran Passenger Ropeway at at Village-Bhutivali, Tehsil: Karjat, District-Raigad, Maharashtra in order to promote tourism & modal shift to transit and reduction in traffic congestion in the region.
- (ii) The project has already got the Environmental clearance vide letter no 18-2/2016.IA-III dated 21.05.2008 which was valid upto 2015. Hence fresh application was applied to MoEF&CC for grant of Environmental Clearance on 05.09.2016 and TOR was granted vide letter no. 10-63/2016-IA.III dated 29.11.2016.
- (iii) Public hearing was conducted on 31.05.2017 at 11.00 a.m. near the project site at Matheran Community Centre, Giristhan Municipal Council, Tal-Karjat, Dist- Raigad.
- (iv) The proposed system to be installed will have Base Station at Bhutivali Village (near Bhivpuri Railway Station 50 AMSL), Intermediate Station at Garbut Plateau (550 AMSL) and Top station will be at Madhavji Point (800 AMSL) total horizontal distance covered (Total:4489.39m (Stage I: 2744.29m+Stage II: 1744m). The project being an Aerial Ropeway falls under the item 7 (g) of the EIA notification, 2006 and is a designated Project as per Schedule and falls under category A, as the project will be developed in the Matheran Notified Eco-Sensitive Zone, 2003.
- (v) Total Area of project - 27720 sqm, Diversion of forest land – 25720 sqm (includes 22000 sqm for ropeway corridor) and Private Land for Base Station– 2000 sqm.
- (vi) Water Requirement will be approx. 68 KLD on peak days and 23 KLD on off-peak days. Source of water will be local water supply body MJP (Maharashtra Jeevan Pradhikaran) for the upper terminal of the ropeway and will be nearby dam for the lower terminal and middle terminal of the ropeway.
- (vii) Wastewater generation will be 57 KLD on peak days and 17 KLD on off-peak days. Treatment of wastewater will be done in 2 STPs of 30 KLD each at upper and lower terminal. There will be no discharge. Treated water will be used for flushing and gardening.
- (viii) 600 kg /day of municipal solid waste will be generated on peak days. Biodegradable waste will be treated in organic waste converter and compost generated will be given to farmers. Recyclable waste including plastic will be given to approved recycler.
- (ix) Power requirement will be 1000 KW. Source of power will be MSEDCL (Maharashtra State Electricity Distribution Co. Ltd.)
- (x) Some solar lights shall be installed on the terminals. Latest technology will be adopted for ropeway machinery. Transformers shall be as per ECBC norms.
- (xi) Storm water shall be channelized to rain water harvesting pits which shall have oil and grease traps. Garland drains shall be given around the stations and towers.
- (xii) 600 to 800 Car and 20-30 bus parking along with two-wheeler parking space will be provided at the Lower Terminal on private land (owned by the developer). This will stop the parking of cars in Matheran Eco-Sensitive Zone at Dasturi point by the tourists visiting Matheran
- (xiii) Cost of project is approximately 50 crores.

- (xiv) The project will cease parking of cars in Matheran Eco-sensitive zone as parking will be provided at the lower terminal on private land outside the ESZ. This will prevent air and noise pollution in Matheran ESZ and dumping of waste to a large extent. This ropeway will ease movement for locals and tourists and will be eco-friendly alternative mode of transport.
- (xv) The ropeway will give direct employment to approx. 70 to 100 persons and indirect employment to approximate 300 persons of which locals suitable will be given preference. It will also create more indirect employment as the ropeway would highly increase ease of travel to the Matheran hill station.

The Committee deliberated upon the issues raised during the Public Hearing / Public Consultation meeting conducted by the Maharashtra Pollution Control Board on 31.05.2017. The issues were raised regarding charge/person and any discount for children/local resident of Matheran village, employment opportunities to locals, hotel should not be allowed near the Rope way station, scientific disposal of plastic waste etc. The Committee noted that issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report.

MoEF&CC, Regional Office, Bhopal vide letter no 8B/20/2003/-FCW/Part-II/519 dated 19.03.2013 has issued diversion of 2.5720 ha of forest land in favor of M/s Matheran Ropeway Pvt Ltd. NBWL clearance granted by MOEFCC vide letter No. F. No. 6-3/2003 WLK-1 (pt-5) dated 17.11.2005.

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

- (i) The project should conform to the norms prescribed by the Public Works Department, Government of Maharashtra/Director General Mine safety. Necessary clearances in this regard shall be obtained.
- (ii) All the conditions stipulated in the forest clearance letter dated 19.03.2013 and NBWL clearance letter dated 17.11.2005 shall be complied with.
- (iii) The proponents would respond to the legitimate concerns raised by the Conservation Action Trust and include them in the management plan.
- (iv) The project proponents would collaborate with the concerned authorities in augmenting the facilities for the collection and storage of Municipal Solid Wastes and promoting aesthetics in the immediate vicinity of the lower and upper terminals.
- (v) The ropeway should include all the public hearing concerns in the management plan and execute them satisfactorily as per law.
- (vi) Separate provisions shall be made for transport of baggage through baggage cars.
- (vii) A detailed traffic management and a traffic decongestion plan should be drawn up round the project and implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (viii) Energy conservation measures as suggested in the "Green Rating for Integrated Habitat Assessment", GRIHA, shall be followed while constructing associated buildings.
- (ix) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Diesel generating sets shall be installed, in the downwind directions.

- (x) Solar energy shall be used in the project i.e. at upper terminal and lower terminal to reduce the carbon footprint.
- (xi) Adequate infrastructure, including power, shall be provided for emergency situations and disaster management.
- (xii) Total fresh water requirement of 19 KLD shall be met from Maharashtra Jeevan Pradhikaran for Upper Terminal and from nearby Bhutivali Dam at Bhutivali for Lower Terminal. No ground water shall be extracted.
- (xiii) As proposed, treatment of wastewater shall be done in 2 STPs of 30 KLD each at upper and lower terminal. Treated water will be used for flushing and gardening. In any case, no wastewater shall be discharged in open.
- (xiv) Adequate parking shall be constructed at upper terminal and lower terminal. PP shall ensure smooth traffic management and minimum waiting time.
- (xv) Separate dedicated baggage trolleys shall be provided and passenger trolleys should not be allowed to carry heavy baggage (beyond hand baggage as defined for air travel).
- (xvi) Storm water from the project area shall be passed through setting chamber.
- (xvii) Adequate first aid facility shall be provided during construction and operation phase of the project.
- (xviii) Regular safety inspection shall be carried out of the ropeway project and a copy of safety inspection report should be submitted to the Regional Office, Nagpur.
- (xix) 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.

22.3.20 Expansion of Construction of Shriram The Gateway (IT Building, Residential and Mall) at Village-Perungalathur, Taluka-Tambaram, Kanchipuram, Tamil Nadu Developed by M/s Shriram Properties & Infrastructure Private Limited - Environmental Clearance (IA/TN/NCP/63110/2017; F. No. 21-113/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project will be located at Latitude- 12°54'5.03"N, and longitude- 80°5'37.63" E.
- (ii) This is an expansion project. Earlier environmental clearance was accorded vide letter No 21-24/2007-IA.III dated 23.08.2007 for development of IT/ITES from MoEF&CC and from SEIAA, T.N. vide letter No SEIAA-TN/F-2989/EC(8b)/400/2014 dated 01.04.2015 for development of Residential Block.
- (iii) In Zone, I (IT building) 4 blocks are completed with Built up Area of 149,088 sqm and in 2 the basement work, Ground floor + 3 Floors are completed and remaining work is yet to be started and No Construction has been done in proposed Residential and Mall Block.
- (iv) The total plot area is 2,31,739.27 sqm out of which 26,924.80 sqm area is deducted and net plot area is 2,04,814.47 sqm. The project will comprise of predominantly IT/ITES Building, Dwelling Units, Including EWS, Club house for residential tower, Retail-Shops, Multiplex, Food court, Restaurant, Service apartment, ATM. Total construction/ built up area of 8,89,003.44 sqm. Total 1453 Dwelling Unit, 276 EWS, 150 no of Shops and Offices, 168 No of Service apartment, Food court and Multiplex of 1730 persons capacity shall be developed. Maximum height of the building is 54.3 m.
- (v) During construction phase, total water requirement is expected to be 50 - 60 KLD which will be met by tanker water. During the construction phase, the waste water from

construction activities shall be reused for sprinkling after pre-treatment and the waste water from mobile toilets will be discharged to septic tank.

- (vi) During operational phase, total water demand of the project is expected to be 6118 KLD. Out of which fresh water requirement is 1919 KLD which will be met by the CMWSSB/ Tanker Supplier. Wastewater generated 4203 KLD will be treated in 12 STPs of total capacity 4.5 MLD. 4199 KLD of treated wastewater will be reused in Flushing, HVAC Cooling, Gardening and misc. purposes.
- (vii) About 12050 kg/day solid waste will be generated in the project. The biodegradable waste (8435 kg/day) will be processed in OWC and the non- biodegradable waste generated (3615 kg/day) will be handed over to local vendor.
- (viii) The total power requirement during operation phase will be 44,000 KVA and will be met TNEB.
- (ix) Rooftop Rainwater of building will be channelized to 36 No of rain water harvesting pit.
- (x) Parking facility for 7317 no. of four wheelers and 8613 no of two-wheeler is proposed to be provided against the requirement of 7075 Car Park and 8554 two-wheelers (according to local norms).
- (xi) Proposed energy saving measures would save about 40% of power.
- (xii) It is not located within 10 km of any Notified Eco Sensitive areas
- (xiii) There is no court case pending against the project.
- (xiv) Investment/Cost of the project is Rs. 827 crore.
- (xv) Employment potential - During the construction phase, initially approx. 500 workers will be employed. The actual worker requirement shall be dependent on work requirement. During Operation Phase, approx. 51111 no of employees will be employed in IT/ITES, Resident, Mall and Theater.
- (xvi) Benefits of the project: Project will Improve physical infrastructure, Social infrastructure, economic benefits. Direct and Indirect opportunities and infrastructural development within the area

The EAC deliberated on the proposal and certified compliance report letter No. EP/12.1/648/TN/1064 dated 07.07.2017 issued by the MoEF&CC's Regional Office (SEZ), Chennai 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on Moving Bed Bio-Reactor Technology (MBBR) with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used in Flushing, HVAC Cooling, Gardening and misc. purposes.
- (iii) The project proponents shall ensure that there is no discharge of treated effluents to inland surface waters in any condition/weather. All treated effluents would be recycled

and reused. Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.

- (iv) No excavation requiring dewatering shall be undertaken for basements.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 33 nos of rain water harvesting recharge pits (6 nos. existing and 30 nos. proposed) shall be provided for ground water recharge as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 600sqm area shall be provided for solid waste management within the premises which will include area for segregation, collection composting. The inert waste from group housing project will be sent to dumping site.
- (vii) 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.
- (viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Chennai Metropolitan Water Supply and Sewerage Board water supply shall not exceed 1919 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed total green area of 51203.91 sqm shall be provided.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.3.21 **Expansion of "Group Housing Colony" Essel tower At Sector -28, Village-Sukhrali and Sarhaul Gurgaon, Haryana by M/s Essel Housing Projects Pvt. Ltd. - Environmental Clearance (IA/HR/NCP/62566/2017; F. No. 21-140/2017-IA-III)**

The project proponent made a presentation and provided the following information to the

Committee:-

- (i) The project will be located at Latitude- 28°28'27.12" N and longitude- 77°04'30.41"E.
- (ii) The project is an expansion project. Project had already been granted Environment Clearance vide letter no. SEIAA/HR/2013/950 Dated 15.10.2013 for the plot area 1,39,920.634 sqm and built up area 4,13,686.065 sqm. Now, additional land has been licensed by Town and Country Planning, Haryana Government to Essel Housing Projects Pvt. Ltd in collaboration with others for setting up a Group Housing Colony vide License no. 21 of 2016 dated 17.11.2016 valid up to 16.11.2021 for area admeasuring 0.19375 acre and license no. 22 of 2016 dated 17.11.2016 valid up to 16.11.2021 for additional area admeasuring 1.75 acre. Thus, applied for further expansion of the same on 16.02.2017.
- (iii) The Plot Area of the project after expansion will be 1,47,786.7 sqm. Out of which 5479.466 sqm area shall be deducted area under sector road. The net plot area will be 1,42,307.23 sqm. The total built up area after expansion will be 4,90,174.655 sqm which is greater than 1,50,000 sqm & hence the project falls under Category 'A' Activity 8(b), as per the EIA Notification dated 9th December 2016.
- (iv) The project will be comprising of various activities after expansion i.e. Dwelling Units, Community building, Health club, school, water bodies, and Infrastructure facilities. Maximum height of the building will be 85 m.
- (v) During the construction of the proposed project, the water is being supplied from STP treated water of Suncity Township and the same will be maintained without any adverse impact on the environment. Temporary sanitary toilets have been provided during peak labour force.
- (vi) The total water requirement after expansion will be 1332 KLD. The source of water will be HUDA Supply. The total waste water generation will be 920 KLD. Out of which 709 KLD waste water is being discharged to sewer (before EIA Notification, 2006). Rest wastewater will be treated in STP of capacity total 260 KLD (130 KLD+130 KLD).
- (vii) 3623 Kg/day Municipal solid waste shall be generated in the project after expansion. The biodegradable waste (2536 Kg/ day) shall be treated in Organic Waste Converter within the complex, recyclable waste generated (1087 Kg/day) handed over to authorized recycler.
- (viii) Used Oil of 48 lit/month shall be collected in leak proof containers at isolated place and then given to approved recycler as per Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016. E- Waste of 2 kg/ month shall be collected and given to approved recycler.
- (ix) The total power requirement after expansion will be 1510.48 KVA (Existing: 11959.48 KVA and Proposed: 3051 KVA) which will be provided by Dakshin Haryana Vidut Vitran Nigam Ltd. D.G. Set of capacities 4X 100 KVA and 9x750 KVA shall be installed & kept in acoustically treated room & 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 shall be installed to reduce the air emissions, meeting all the norms prescribed by CPCB.
- (x) Rainwater of buildings will be collected in 6 No. (Existing- 4 & Proposed -2) of RWH pits shall be provided for storm water recharging to ground.
- (xi) Adequate parking provision shall be provided in the project of 867 ECS as Basement parking & Surface parking
- (xii) No eco-sensitive area lies within 10 km radius. Sultanpur National Park- 18.05 Km SWW

- (xiii) There is no court case pending against the project.
- (xiv) Investment/Cost of the project Rs. 700 Crores.
- (xv) Employment potential – Labourers during construction phase 150 no. and about 120 personnel as staff during operation phase.
- (xvi) Benefits of the project: It will increase Infrastructure of the area & will provide housing facility, educational facility, commercial area and open space with all other basic amenities to various classes of people.

The EAC deliberated on the proposal and certified compliance report letter No. 4-1260/2013-RO(NZ)/325-326 dated 14.08.2017 issued by the MoEF&CC's Regional Office (NZ), Chandigarh 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) The Building height shall be regulated as per the clearance obtained from the Airport Authority of India as per the New Guidelines of 2015.
- (iii) Sewage shall be treated in the STP based on Fluidized Aerated Bed (FAB) Technology with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used in Flushing, D.G Cooling, Gardening and misc. purposes and shall be used for road side plantation.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the concerned local Body and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 6 nos of rain water harvesting recharge pits shall be provided for ground water recharge as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 150 sqm area shall be provided for solid waste management within the premises which will include area for segregation, collection composting. The inert waste from group housing project will be sent to dumping site.
- (vii) 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.

- (viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from HUDA water supply shall not exceed 92 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed total green area of 45489.557 sqm (31%) shall be provided.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.3.22 New Greenfield Airport at Rajkot, Gujarat by M/s Gujarat State Aviation Infrastructure Company Ltd - Environmental Clearance (IA/GJ/MIS/64009/2017; F. No. 10-12/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The name of the Proposal is Development of Greenfield Airport at Hirasar, Rajkot, Gujarat
- (ii) The proposed project site is 1025.54 Ha. Out of which 96.48% is Government land, 0.12% Gamtal and 3.41% private land. Most of the land is dominated by grass with scrub vegetation.
- (iii) Project components: The proposal envisages the following works:
- Proposed Airport size of single runway of length 3040 m x width 45 m.
 - Single runway for operation of C category aircrafts
 - Two number of parallel taxi tracks
 - Separation distance as per C category aircrafts
 - Apron layout
 - Rapid Exit Taxi Track
 - Rapid Exist Taxi Track, Development of Passenger Terminal Building, Cargo Terminal Building, MRO/Hangars
 - Four lane approach road to airport and boundary for new airport
 - Utilities and other miscellaneous facilities
- (iv) Tor was granted to the project vide letter no. F. No. F.No.10-12/2017-IA-III dated 7th June 2017.
- (v) Public Hearing: Public Hearing was conducted at Dosalighuna village, Chotila taluka, Surendranagar district, Gujarat on 03.08.2017. Public Hearing was also conducted at

project site Juna Gam Tal, Hirasar village, Rajkot taluka, Rajkot district on 04.08.2017. Major issues raised during PH are non-availability of gauchar land for village livestock, dam diversion at project site, employment opportunities and rehabilitation of population residing at site.

- (vi) A total of 632.24 Ha forest land (429.90 Ha in Rajkot district and 202.34 Ha in Surendranagar district) will be diverted for airport. Stage-I forest clearance meeting was held on 30.08.2017 and Minutes of Meeting is awaited.
- (vii) The proposed project does not falls within 10 km of eco-sensitive area.
- (viii) Total water requirement during operation phase (2030-31) is 1.2 MLD and will be sourced from borewell. Necessary permission will be taken from regulatory authority. There will be 1.07 MLD waste water generation during operation phase (2030-31). Packaged STP will be installed inside the airport for processing waste water. The waste water will be treated in STP and the treated water will be used in horticulture and cooling tower water make-up.
- (ix) It is proposed to install a series of collection and deposit systems across The Airport, eventually culminating in bulk deposit bins located on the landside at selected locations. From these locations an external agency shall collect the bins at periodic intervals using modern mobile collection vans. Compacted waste shall be transported out of the site for eventual disposal either by dumping in the approved dump yards. The recyclable waste will be dispatched to respective recycling agencies, and to a composting facility for treatment of biodegradable waste. Hazardous waste will be segregated and sold to authorized approved agencies for disposal.
- (x) There is a minor check dam is falling inside the airport area. Water is stored in the dam for 3-4 months after post monsoon. It is proposed to provide a suitable diversion to the current water stream circling the airport boundary and connecting to the existing stream further downstream. Only lateral shifting of the water stream is envisaged. The same shall be accessible even after implementation of the airport project.
- (xi) There are 2180 trees to be cut in the proposed airport site during site preparation.
- (xii) Green belt development (20% of construction projects and 33% for others) A proper greenbelt of 33% of the airport project site will be developed gradually during construction phase.
- (xiii) It is proposed that a total of 300 parking spaces as an open car park with tensile structures would be provided by Phase I completion of the airport (2030).
- (xiv) Investment/Cost of the project is Rs. 1405 Crores.
- (xv) Employment potential: More than 1000 persons will be employed directly and indirectly for different activities of the airport.
- (xvi) Benefits of the project: Passenger can fly to national and international destination, Source of revenue for State and Centre, Employment generation and Economic benefits to community.

The EAC deliberated upon the issues raised during the Public Hearing/Public Consultation meeting conducted by the Gujarat Pollution Control Board at Dosalighuna village, Chotila taluka, Surendranagar district, Gujarat on 03.08.2017 and at project site Juna Gam Tal, Hirasar village, Rajkot taluka, Rajkot district on 04.08.2017. Major issues raised during public hearing are non-availability of gauchar land for village livestock, dam diversion at project site, employment opportunities and rehabilitation of population residing at site. The Committee noted that issues have satisfactorily been responded by the project proponent and incorporated in the

final EIA-EMP report.

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 development of New Greenfield Airport project.
- (ii) PP shall obtain Stage I Forest Clearance for total 632.24 Ha of forest land (429.90 Ha in Rajkot district and 202.34 Ha in Surendranagar district).
- (iii) Project Proponent shall be obtained clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities.
- (iv) The Land requirements should be strictly as per the guidelines for Airports as prescribed by the ICAO/ Airport Authority of India
- (v) The land acquisition / purchase shall be in conformity to the LARR Act, 2013 and any other laws and regulations governing land acquisition.
- (vi) Construction site should be adequately barricaded before the construction begins.
- (vii) 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.
- (viii) 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.
- (ix) The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
- (x) 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.
- (xi) A detailed drainage plan for rain water shall be drawn up and implemented.
- (xii) Ground water abstraction and rain water recharge shall be as may be prescribed by the CGWA. A prior clearance of the CGWA shall be obtained in this regards.
- (xiii) Total water requirement from ground water bore wells/tankers will not be exceed 1.2 MLD.
- (xiv) Sewage Treatment Plant (STP) shall be provided to treat the wastewater generated from the airport and the treated wastewater will be reused for irrigation of landscaping and garden areas.
- (xv) 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.
- (xvi) Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.
- (xvii) 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.
- (xviii) 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.

- (xix) 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.
- (xx) Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc shall be provided.
- (xxi) 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.
- (xxii) 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.
- (xxiii) 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.
- (xxiv) 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.
- (xxv) Airport Noise Management could be as proposed under the draft rules on Airport Noise notified by the MoEF&CC, Govt. Of India.
- (xxvi) 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.
- (xxvii) 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 engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out.
- (xxviii) 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.
- (xxix) Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/feeding room to be locate conveniently near arrival and departure gates.
- (xxx) 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.
- (xxxi) 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.

- (xxxii) 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.
- (xxxiii) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.
- (xxxiv) The concerns of the Public hearing panel shall be suitably addressed to and the recommendations adopted as part of the Environmental Management Plan and in the plan for C.S.R. as applicable.
- (xxxv) 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.

Time: 10.00 AM

Day 2: Tuesday, 12th September, 2017

22.4.1 Proposed Residential Development Project at Survey Nos 130,132/1, 132/3, 135,137 & 138 of Hire Ammanikere Village and Survey Nos 99 & 100/1 of Akkupete Village, Kasaba Hobli, Devanahalli Taluk, Bangalore District by M/s L & W Constructions Pvt Ltd - Environmental Clearance (IA/KA/NCP/66151/2017; F. No. 21-288/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at Latitude 13°14'15.6"N and Longitude 74° 42 11.8` E.
- (ii) The project is new. The total plot area is 1,02,741.03 sqm (25 Acres 15.5 Guntas). FSI area is 70,602.01 sqm and total construction area of 95,137.36 sqm. The project will comprise of 3 Buildings. Total 298 flats, 105 Villaments and Club House shall be developed. Maximum height of the building is 50 m.
- (iii) During construction phase, total water requirement is expected to be 50KLD which will be met by Devanahalli Municipal Corporation Sources. During the construction phase, Packaged STP 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 237KLD and the same will be met by the Devanahalli Municipal Corporation Sources. Wastewater generated 214KLD and will be treated in 2 STPs of total 215 KLD capacity. (79 KLD for flushing 139 KLD for gardening). No water will be disposed in to municipal drain.
- (v) About 982 Kg/day solid waste will be generated in the project. The biodegradable waste (589 kg/day) will be processed in OWC and the non-biodegradable waste generated (393 Kg/day) will be handed over to authorized local vendor
- (vi) The total power requirement during construction phase is 200 KW and will be met from BESCO, and total power requirement during cooperation phase is 2500 KVA and will be met from BESCO.
- (vii) Rooftop rainwater of buildings will be collected in RWH tanks of total 194 Cum capacity for harvesting after filtration.
- (viii) Parking facility 713 Cars.

- (ix) Proposed energy saving measures would save about 34.87% of power.
- (x) It is located 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. 371 Crores.
- (xiii) Employment potential: Direct & Indirect Employment opportunities are created due to development of this project.
- (xiv) Benefits of the project: Housing facility will be provided for people.

The Committee noted that this is a new proposal to be developed in a total plot area of 102741.03 sqm with total Built up area of 95137.36 sqm. The project falls under Category 'B' under item no. 8 (a) i.e. Building and Construction Projects of the schedule of the EIA Notification, 2006. Since SEIAA/SEAC, Karnataka has been re-constituted on 5th September, 2017, the Committee recommended to transfer the proposal to SEIAA, Karnataka and advised the Project Proponent to apply to SEIAA/SEAC, Karnataka for appraisal.

22.4.2 'Sun Twilight' Recreational Entertainment Park at Plot no. REP 2A, Sector 27, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh by M/s Sunrise Structures and Developers Pvt. Ltd. - Environmental Clearance (IA/UP/NCP/66160/2017; F. No. 21-289/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at Plot No. REP 2A, Sector 27, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh. Latitude: 28°28'14.60" N and longitude: 77° 32'00.2" E.
- (ii) The project is new proposal. The total plot area is 1,01,743 sqm. The project will comprise of villas, multi story residential towers, commercial convenient shopping, club, community centre, drive in cinema, open air theatre, swimming centre, golf course, amusement park etc. Total construction (built-up) area of 98,890.62 sqm. Total 582 No. Dwelling units shall be developed. Maximum height of the building will be 24 m.
- (iii) During construction phase, water will be required which will be provided by private water tankers/STP. Sewage will be treated and disposed through septic tanks/soak pits. Sanitation facilities will be developed at site.
- (iv) During operational phase, total water demand of the project is estimated to be 782 KLD. Wastewater generated (447 KLD) will be treated in STP of total 540 KLD capacity. About 402 KLD of treated wastewater will be generated from which 149 KLD will be used for flushing, 252 KLD for horticulture and remaining 1KLD will be discharged to municipal drain.
- (v) About 2460 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.
- (vi) The power will be supplied by Noida Power Corporation Limited (NPCL). The maximum power demand will be 4220 kVA.
- (vii) Parking facility for 1202 ECS is proposed to be provided against the requirement of 1192 ECS(according to local norms).
- (viii) Proposed energy saving measures would save approx.19.5% energy.
- (ix) Surajpur Wetland/Forest (approx..6.39 km, NNW), Gulistanpur Reserve Forest (approx. 3.64 km, WNW), Hindon River (approx. 4.59 km, WSW), Yamuna River (approx. 7.85km,

SW), Shikargarh Reserve Forest (approx. 8.80 km, SW) is located around the project site.

- (x) There is no court case pending against the project.
- (xi) Estimated Cost of the project is Rs. 267.66 Crore.
- (xii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiii) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

The EAC, after detailed deliberations on the proposal and submissions made by 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) A certificate shall be obtained from the NOIDA and submitted along with the first compliance report. This certificate shall give details on the sources and accessibility of water along with the quantities available, the commitments made, the balance available and permission received by them for supplying the same.
- (iii) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. Excess treated water will be discharged to Municipal Drain.
- (iv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 25 nos. rain water harvesting pits shall be provided as per CGWB guidelines.
- (v) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. 200 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vi) 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.
- (vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from GNIDA Water Supply shall not exceed 381 KLD.

- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 42040 sqm area shall be provided for green area development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.4.3 National Institute of Technology, Narela at FA-7, Zone – P1 Narela Sub City North West Delhi NCT of Delhi by M/s National Institute of Technology, Narela - Environmental Clearance (IA/DL/NCP/66171/2017; F. No. 21-168/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at Plot No. FA-7, Zone-P1, Narela Sub City, New Delhi. Latitude: 28° 48' 55.67" N and longitude: 77° 7' 58.84" E
- (ii) The total plot area is 2,08,302.85 sqm (51.473 acre). FSI area is 2,68,959 sqm and total construction area of 3,46,077 sqm. Maximum height of the building is 45m.
- (iii) During construction phase, total water requirement is expected to be approx. 1730 ML which will be met from DJB. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided to labourers.
- (iv) During operational phase, total water demand of the project is expected to be 2134 KLD and the same will be met by the Delhi Jal Board. Wastewater generated (1249 KLD) uses will be treated in STP of total 1500 KL capacity. 1124 KLD of treated wastewater will be recycled (436 KLD for flushing, 194 KLD for gardening, 440 KLD for air conditioning, 47.35 KLD for D.G. Cooling). About 6.65 KLD will be disposed in to external sewer.
- (v) About 7281 kg/day solid waste will be generated in the project. The biodegradable waste (4369 kg/day) will be processed in OWC and the non-biodegradable waste generated (2912 kg/day) will be handed over to authorized local vendor.
- (vi) Total connected load requirement during operation phase is 9917 kVA. It will be met from Tata Power-Delhi Distribution Limited.
- (vii) Parking facility for 4306 ECS for four wheelers is proposed to be provided against the requirement of 4245 ECS (according to MoEF&CC norms).
- (viii) Proposed energy saving measures would save about 28 %.
- (ix) It is not located within 10 km of Eco Sensitive areas.
- (x) Investment/Cost of the project is Rs. 1650 Crore.

- (xi) Employment potential: Construction Phase: During the construction phase, approx 200 workers will be provided with Housing facilities which will be purely of temporary basis and during peak hours remaining will be deployed from nearby places. On completion of project there will be regular movement of residents, visitors, staff and related personals. Total influx of population is expected to be 4,306 nos.
- (xii) Benefits of the project: Direct & Indirect employment opportunities, Infrastructural Development and Educational facilities to the people.

The Committee noted that Standard ToR was granted to the project vide MoEF&CC letter No. 21-168/2017-IA-III dated 13.06.2017. The EAC, after detailed deliberations on the proposal and submissions made by 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP will be reused for flushing, air conditioning, DG cooling and horticulture. Surplus treated effluent will be discharged to external sewer.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 39 nos. rain water harvesting pits shall be provided as per CGWB guidelines.
- (iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. 2500 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (v) 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.
- (vi) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Delhi Jal Board Water Supply shall not exceed 1016.12 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of

	<p>1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 64573.88 sqm area shall be provided for green area development.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.4.4	<p>Affordable Group Housing Project “Sikka Kannan Green “ Khasra No-321, 322, 324, 325, 329, 330 Village Sadabad & Khasra No- 679, 679 K, 680, 681, 682 & 683 & Village- Abupur, Modi Nagar, NH-58, Ghaziabad (UP) by M/s Sikka Developers Pvt Ltd - Environmental Clearance (IA/UP/NCP/66189/2017; F. No. 21-291/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at 28°47'39.35"N Latitude and 77°32'02.92"E longitude.</p> <p>(ii) The total plot area is 23926.9 sqm. The project will comprise of 9 Buildings. FSI area is 57,926.71 sqm and total construction area of 78,413.324 sqm. Total 932 flats shall be developed. During construction phase, Drinking water source – Through authorized tankers.</p> <p>(iii) During operational phase, total water demand of the project is expected to be 433 KLD. Fresh water requirement of 303 KLD will be supplied from Ghaziabad Development Authority. Wastewater generated (345 KLD) uses will be treated in one STP of total 415 KLD capacity.159 KLD of treated wastewater will be recycled (130 KLD for flushing, 10 KLD for gardening). About 152 KLD will be disposed in to municipal drain.</p> <p>(iv) About 2.23 TPD solid wastes will be generated in the project. The biodegradable waste (1.4TPD) will be processed in OWC and the non-biodegradable waste generated (0.83TPD) will be handed over to authorized local vendor.</p> <p>(v) The total power requirement during construction phase will be met through DG sets total power requirement during operation phase is 2378 KVA and will be met from Paschimanchal Vidyut Vitaran Nigam Ltd.</p> <p>(vi) Rooftop rainwater of buildings will be collected in 5 RWH tanks of total 167 m/h capacity for harvesting after filtration.</p> <p>(vii) Parking facility for 531 four wheelers is proposed to be provided against the requirement of 493 (according to local norms).</p> <p>(viii) No Eco sensitive zone within 10 km of the project site.</p> <p>(ix) No Court case is pending against the project.</p> <p>(x) Investment/Cost of the project is Rs. 108.75 Crores.</p> <p>(xi) Employment Generation: During operational phase of the project, persons will get employment opportunities as staff for management, maintenance and security. As an</p>

estimate, during operation phase, persons will get marginal employment opportunities, who would work as domestic helpers.

- (xii) Benefit of the Project: This will help in improving the quality of life of economically weaker sections of the local area.

The EAC deliberated on the point wise submission of project proponent on the observations made by SEAC, Uttar Pradesh during its 291st meeting held on 19.09.2016 wherein some details were sought. The Project Proponent has made point wise reply of the queries raised by SEAC, Uttar Pradesh. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) The clearance is being given strictly as per the proposals being given in the Form 1
- (iii) Construction water will be sourced from the existing STP in the vicinity and proper records maintained for compliance assessment. No Ground water shall be used for construction purposes.
- (iv) Sewage shall be treated in the STP (MBBR Technology) with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing & horticulture. Excess treated water will be discharged to Municipal Drain.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 5 nos. rain water harvesting tanks shall be provided as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. 75 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vii) 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. The Company will give land for widening of roads as proposed.
- (viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from GDA Water Supply shall not exceed 303 KLD.

- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed adequate area shall be provided for green area development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.4.5 "Integrated Industrial Township" at Village- Ajayabpur, Rithori, Tehsil- Dadri, G.B. Nagar, U.P. by M/s Delhi Mumbai Industrial corridor Development Corporation Limited (DMICTC) - Environmental Clearance (IA/UP/NCP/65292/2016 ; F. No. 21-292/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 28⁰27'30"Latitude and 77⁰35'30"longitude.
- (ii) Proposed project DMIC IITGNL is a new development project. The approved Master Plan of Greater Noida, 2021 delinates the sector roads which bound and also pass through the project area. The Environmental clearance for Master plan of Greater Noida Development Authority at Greater Noida has already been granted vide letter no 2036/Praya/SEAC/2073/2012/AD(sub) dated 12.10.13. Accordingly the road Infrastructure and other services are currently under construction. DMIC IITGNL Project Construction activity has not been initiated at site.
- (iii) Proposed DMIC IITGNL is being developed over 302.63 hectares of land. (Built-up Area- 67,71,700 sqm). The project being Integrated Industrial Township project, details like FSI area, total construction area, number of buildings, total flats will be calculated at the detailed design stage and will be as per the applicable Development Control regulations and norms.
- (iv) During construction phase, total water demand is expected to be ~16 KLD and will be sourced from authorized local sources. 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 engagement
- (v) During operation phase, the total water demand for the project is 22.6 MLD out of which 8.6 MLD is fresh water demand and will be met by GNIDA from 210 MLD Water Treatment plant at Palla Village, which comes under 85 cusec Ganga water scheme up to the project boundary. Project will be generated waste water: 14.95 MLD. Approximately about 14.2 MLD of the water demand is for non-potable uses, which will be met through reuse of treated wastewater. The treated recycled water would be supplied by GNIDA from existing 72 MLD STP (GNIDA STP outside the project area) and the treated water available will be reused for flushing and landscaping.

- (vi) About 63 TPD solid wastes will be generated in the project. The biodegradable waste (26 TPD) will be processed in bio-methanation and the non-biodegradable waste generated (21 TPD) will be handed over to authorized local vendor.
- (vii) The total power requirement during construction phase is 10 MVA and will be met from NPCL and total power requirement during operation phase is 182 MVA and will be met from two possible sources proposed by UPPTCL are a) 400/220 kV UPPTCL Existing Pali Substation (Present capacity of 1415 MVA) (7-8 km away from IIT Site) b) 400/220 kV Chholas (Sikandrabad) Substation which is under construction (13-14km away from IIT Site). It is planned to take two feeders from each source substation to feed power supply to IIT 220 kV GIS Substation (Main receiving substation) through double circuit line. Power would be fed from two separate sources of existing Pali and Cholla substations. Provision of uninterrupted 24*7 quality power supply would be made for this project. So there would be no requirement of DG set.
- (viii) Rainwater harvesting potential for individual buildings will be calculated at detailed designing stage.
- (ix) Since this is an industrial estate project with many buildings and blocks, estimations regarding number of parking lots are not possible at EIA stage. However, adequate space will be provided for truck terminus and individual plot holders shall provide parking as per the applicable DC Rules.
- (x) Proposed energy saving measures would save about 5% of power met by solar power.
- (xi) Presently, with reference to IITGN plot plan, the 800 m long and 25 m wide canal through the plot can be utilised to install a Canal-top solar plant with Photovoltaic (PV) technology. Considering an area of 20,000 sqm; and geographical position of Dadri with respect to the longitude, latitude and elevation, a 1.0 MWp solar PV installation is possible. About 1752 MWh/year generation is possible with an expected capacity utilization factor (CUF) of 18% which shall be fed to the base power supply to feed the street lighting and utilities load.
- (xii) It is not located within 10 km any eco sensitive area.
- (xiii) There is no court case pending against the project.
- (xiv) Investment/Cost of the project is Rs. 1112 Crore.
- (xv) Employment Potential- DMIC IITGNL will involve development of ~135 ha of industrial area and will generate vast employment opportunities. It has been estimated that by year 2030, the proposed DMIC IITGNL will generate about 60,000 industrial jobs comprising of both direct and indirect employment.
- (xvi) The project benefits include: Industrial Corridor (DMIC) with the foresight of creating a skilled and employable work force for the large scale investments for the commercial and industrial development expected in DMIC region. This is the first early bird project being developed in Uttar Pradesh and shall showcase the work of International standards in NCR. The proposed development will have social benefits by improvement of infrastructure in the area; in terms of road, power supply, water supply, waste management, transportation etc.

The Committee noted that ToR was approved by SEIAA, Uttar Pradesh in its meeting held on 25th November, 2016. The EAC, after detailed deliberations on the proposal and submissions made by 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP (SBR Technology) with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing and landscaping. Excess treated water will be discharged in to Ponds within Development area as per norms.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, provisions for rain water harvesting shall be done as per CGWB guidelines.
- (iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 1.5 ha area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (v) 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.
- (vi) Open areas would be serviced by 100% Solar Lighting with a 50% power backup.
- (vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from GNIDA Water Supply shall not exceed 9 MLD.
- (ii) The Greater Noida Authority would submit a certificate on the sources and availability of water along with the quantities available and commitments made and permission received by them for supplying the same. This should be submitted with the first compliance report.
- (iii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 40.8 ha area shall be provided for green belt development.
- (iv) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.

(v) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.4.6 Proposed composite development with public parking at CS No. 593 of Mazagaon Division, at Rambhau Bhogle Marg, Byculla. Mumbai by M/s Gliders Buildcon LLP - Environmental Clearance (IA/MH/MIS/66226/2014; F. No. 21-101/2014-IA.III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at latitudes of 18°58'34.783"N to 18°58'48.941"N and longitudes of 72°50'22.091"E to 72°50'28.548"E.
- (ii) This is a Composite Development with Public Parking. Received Environment Clearance (File No. SEAC -2011/CR-832/TC-2) form SEIAA, Maharashtra dated 31st May, 2014.
- (iii) Total constructed work (FSI + Non FSI) on site till date: Noise barrier erected towards zoo handover plot side before commencement of work as stipulated in Environment Clearance. Currently shore piling, excavation activity and leveling course work is in process. Temporary structure work is in progress.
- (iv) The plot area is 58,197.97 sqm, FSI area is 1,13,113.43 sqm and total construction area of 3,22,543.97 sqm. The project will comprise of 1 Building with 4 wings. Total Flats: 578 Nos., Spindle unit and Public Parking facility shall be planned in entire development. Maximum height of the building up to terrace level is 280.69 m.
- (v) During construction phase, total water requirement is expected to be 16 KLD for workers and 20-30 KLD for construction activity which will be met by M.C.G.M. and tanker respectively. During construction phase the waste water will be disposed to existing municipal sewer line. Temporary sanitary toilets will be provided during peak labor force.
- (vi) During operational phase, total water demand of the project is expected to be 513 KLD and the same will be met by the 173 KLD recycled water, 319 KLD fresh water from M.C.G.M. and 21 KLD fresh water from tanker water. Wastewater generated (364 KLD) will be treated in 3 STPs of total capacity 405 KLD. 173 KLD of treated wastewater will be recycled (148 KLD for flushing and 25 KLD for gardening). About 155 KLD of treated sewage from the whole project will be given to Veermata Jijabai Bhosale Udyan and Zoo for watering and road side plantation etc.
- (vii) About 1.32 TPD solid wastes will be generated in the project. The biodegradable waste (0.91TPD) will be processed in Eco-Biocompack and the non-biodegradable waste generated (0.41TPD) will be handed over to M.C.G.M.
- (viii) The total power requirement during construction phase is 358KW and will be met from Brihanmumbai Electric Supply and Transport (BEST)/TATA. Total power requirement during operation phase is 9.96 MW and will be met from Brihanmumbai Electric Supply and Transport (BEST)/TATA.
- (ix) Rooftop rainwater of buildings will be collected in 1 RWH tank of 200 KL capacity for harvesting after filtration.
- (x) Parking facility for 1409 four wheelers for captive and 1635 MCGM parking and 52 two wheelers are proposed to be provided against the requirement of 1141 four wheelers for captive and 1635 for MCGM parking (according to local norms).
- (xi) Proposed energy saving measures would save about 21% of power:
- (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. 2555 Crores.
- (xv) Employment Potential: During construction phase: 250 Nos., During operation phase: Employment for former 200 mill employees in Spindle Unit.
- (xvi) Benefits of the project: Main vision of the project is to offer composite development within gated community, setting a new standard of living. The project offers EWS housing for economically weaker section of society which will facilitate living conditions for this section. Looking into very much shortfall for public parking spaces in Mumbai, this project also involves provision of public parking and envisages parking provision in the premises on plot.

The Committee was informed that Terms of Reference was granted to the project by MoEFCC vide letter dated 21-101/2014-IA-III dated 19th March, 2015. The EAC also deliberated on the certified compliance report letter No. 18C-11/2015 (SEAC)/ dated 11.09.2017 issued by the MoEF&CC's Regional Office (WCZ), Nagpur 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing and horticulture. About 155 KLD of treated sewage from the whole project will be given to Veermata Jijabai Bhosale Udyan and Zoo for watering and road side plantation etc.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 1 nos. of rain water harvesting tank of 200 KL shall be provided as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. 431 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will

	<p>be sent to dumping site.</p> <p>(vii) Apart from the traffic impact assessment study as submitted for one kilometres, a detailed traffic management and a traffic decongestion plan should be drawn up for a 05 km. Area round the project and implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies. The Company will give land for widening of roads as proposed.</p> <p>(viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from MCGM Water Supply shall not exceed 319 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 6894.83 sqm area shall be provided for recreational ground (RG) area.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.4.7	<p>Proposed expansion of Group Housing at Plot No. CP-GH-05B, Sector-Techzone-04, Greater Noida. (U.P.) by M/s DSD Homes Pvt Ltd - Environmental Clearance (IA/UP/NCP/66231/2017; F. No. 21-293/2017-IA-III)</p> <p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>
22.4.8	<p>Expansion of Group Housing project "Amaatra Homes" at Plot No-GH-2C, Sector-10, G. Noida, U.P by M/s Nandi Infratech Pvt Ltd - Environmental Clearance (IA/UP/NCP/66802/2017; F. No. 21-294/2017-IA-III)</p> <p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>
22.4.9	<p>Proposed Residential Township Projects under Majhola Awas Yojana Number – 4, Phase – II, Majhola, and Moradabad, Uttar Pradesh by M/s UP Awas Evam Vikas Parishad - Environmental Clearance (IA/UP/NCP/66837/2017 ; F. No. 21-296/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) Uttar Pradesh Awas Evam Vikas Parishad is planning to construct 300 EWS units, 53 LIG units, 253 MIG Houses, 111 HIG houses, 68 SFS, 2702 Plots, 6 School and few other common property resources and internal roads with landscaped ground under Affordable Housing Scheme of Majhola Awas Yojana Number – 4, Phase - II at Majhola, Moradabad,</p>

Uttar Pradesh. The Land use of project site is residential which is in conformity with the master plan of Moradabad.

- (ii) M/s Uttar Pradesh Awas Evam Vikas Parishad proposes to develop a residential (Group Housing) project at nearby village Majhola, tehsil & district Moradabad, state of Uttar Pradesh on a total land area of 18,07,000.0 sqm and total built-up area of 2,80,000 sqm. About 11% (1,89,700.0 sqm) area of the proposed project will be under landscape which will regulate the vehicles emissions. The Land use of project site is residential which is in conformity with the master plan of Moradabad. The project is located at Village Majhola, tehsil & district Moradabad of state Uttar Pradesh. The site is well connected by NH-24 which is running at a distance of 0.05 km from the project site in South direction. The project site is located at about 4 km from Moradabad Junction (E) & 160 km from IGI International Airport (W).
- (iii) The daily water requirement for the proposed project will be 5758 KLD (fresh water demand: 4208 KLD and the recycled water demand 1550 KLD). The daily fresh water will be met from ground water till the municipal supply is available in the region. Approximately 3365 KLD of wastewater will be generated from the fresh water. Overall 3477 KLD of waste water will generated during the operation phase. The sewage treatment Plant of 24 MLD is proposed to be constructed within the proposed project.
- (iv) During Operation phase, the estimated electrical load is 8000 KVA. The supply will be sourced from Uttar Pradesh Power Transmission Cooperation Limited (UPPTCL). Appropriate for drawing power from Electrical sub stations (ESS) and suitable distribution arrangements will be made. There is no provision of DG Set for power back up in the project. Adequate parking facility has been provided in the form of surface and stilt parking.
- (v) Total 7124 ECU are proposed for parking.
- (vi) During the operation phase, waste will generate from LIG units, EWS units, Community hall, School, Retail area, Clinic, Beauty parlour, ATM, Community Centre and Dispensary. The solid waste generated from the project shall be mainly domestic waste and estimated quantity will be 11,000 kg/day approximately.
- (vii) No other National Park, Wild Life Sanctuaries, Tiger Reserves, Wildlife Corridors, etc. within 10 km radius.
- (viii) There is no court case/ litigation pending against the project and there is no violation of EPA Act.
- (ix) The estimated cost of the project is Rs. 400 Crore.
- (x) Employment potential: 400 (Local people will be deployed during construction).
- (xi) Benefits of the project: The proposed development will be a positive impact as the project site is vacant and will be developed for residential purposes. The project will provide organized open spaces and green areas adding to aesthetics and improvement of surrounding environment. Proposed project will provide all basic utilities such as proper drainage, Sewerage treatment & water supply system, RWH system to recharge ground water aquifer, green area development and sufficient parking so that it will not have negative impact on the surroundings.

The EAC, after detailed deliberations on the proposal and submissions made by 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iii) Sewage shall be treated in the STP (SBR Technology) with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. Excess treated water will be discharged to Municipal Drain.
- (iv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 235 nos. rain water harvesting pits shall be provided as per CGWB guidelines.
- (v) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. 0.25 ha space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vi) 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.
- (vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Ground Water shall not exceed 4208 KLD with prior permission from the CGWA.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 1,98,700 sqm area shall be provided for green area development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.

	<p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.4.10	<p>“Riverview City” at Village-Kadamwakwasti, Tal- Haveli, Dist- Pune, Maharashtra by M/s Riverview City Constructions Ltd.- Environmental Clearance (IA/MH/NCP/62238/2017; F. No. 21-107/2017-IA.III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <ul style="list-style-type: none"> (i) The project is located at 18°30'1.27" N latitude and 74° 0'24.35" E longitude. (ii) The project is new. The total plot area is 21,03,951. sqm. FSI area is 38,98,837 sqm and total construction area of 57,93,958 sqm. The project will comprise of 160 residential Buildings, One hospital having 100 no. of beds, Three nos. of schools, 19 Commercial buildings, Police station, Fire Brigade, Biogas plant, EHV and HV Sub-stations, Water Treatment Plant, STPs, Cemetery & burial ground, Cremation ground, Solid Waste management, Public Parking, Bus station etc.. Total 36,347 flats shall be developed. Maximum height of the building is 110 m. (iii) During construction phase, total water requirement is expected to be 83.5 KLD which will be met by Mutha RB Canal/ tankers. During the construction phase, mobile toilets with packaged sewage treatment plant will be provided for disposal of waste water. (iv) During operational phase, total water demand of the project is expected to be 35,417 KLD and the same will be met by Irrigation Department (Mutha RB Canal). Wastewater generated (24,835 KLD) uses will be treated in 4 modular STPs of total 26,110 KLD capacity. 17,713 KLD of treated wastewater will be recycled (9,901 KLD for flushing, 2,728 KLD for gardening and 5,084 KLD for HVAC and other use). About 5,879 KLD treated waste water shall be given to the neighbouring farmers OR Treated waste water shall be utilized for artificial wetland created within the Township area OR Treated waste water sent to River/ stream. (v) About 99.831 TPD solid wastes will be generated in the project. The biodegradable waste (62.662 TPD) will be processed in biogas plant and the non-biodegradable waste generated (37.169 TPD) will be either sold or handed over to authorized local vendor. Biomedical Waste (~29 Kg/ day) will be given to authorized vendor for disposal. W-waste shall also be given to Authorized vendor. (vi) The total power requirement during construction phase is 2 MVA and will be met from MSEDCCL and total power requirement during cooperation phase is 1,58,943 kW (Maximum Demand) and will be met from MSEDCCL. (vii) Filter pits shall be provided and some pits will be used for groundwater recharge. (viii) Parking facility for 26,526 four wheelers, 1,04,006 Two wheelers and 1,04,006 cycles is proposed to be provided against the requirement of 24,533 four wheelers, 1,04,006 Two wheelers and 1,04,006 cycles respectively (according to local norms). (ix) Proposed energy saving measures would save about 11.62% 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 Rs. 5941.06 Crore. . (xiii) Employment potential: During construction - 1300 workers (300 day workers and 1,000 from labour camp) During Operation – Staff in offices, shops, malls, schools, hospital and Township management staff

(xiv) Benefits of the project: This Project is basically self -sustaining in nature. The project includes Residential, Commercial, School, malls, hospital, Fire Brigade etc. different components which forms an integrated township in the area. Integrated townships provide an added advantage of development. As compared to standalone buildings apartments, integrated townships offer better return on investments. Also the project will generate employment (Labour employment of household activity, Township Management staff, Staff in Shops, schools, malls, hospital etc.) 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.

The Committee noted that Standard ToR was granted to the project vide MoEF&CC letter No. 21-107/2017-IA-III dated 02.02.2017. The EAC, observed that the proposed site is abutting the river Mula Mutha. After detailed deliberation, the Committee sought following additional information:

- (i) The impact of the project on the River.
- (ii) The conformity of the project to regulations as to the minimum distances from flood plains and the restrictions on ownership rights of land if any abutting rivers.
- (iii) The conformity of the project to any Court Orders regulating minimum distances to be maintained from the rivers.
- (iv) Railway line is also passing through the project area. Necessary approval/ NOC from Railway Department shall be submitted.
- (v) Detailed plan for biomedical waste disposal.
- (vi) Details of restrictions if any prescribed by the IOC/ Government for development activities near L.P.G. storage tanks.
- (vii) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, shall be made for traffic densities and parking capabilities in a 05 kms radius from the site under different scenarios of space and time. A detailed traffic management and a traffic decongestion plan drawn up through an organisation of repute and specialising in Transport Planning shall be submitted.
- (viii) Excess treated water will be examined for reuse through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department. A report should be submitted.

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

22.4.11 Construction of Proposed Group Housing Project “SKA Greenarch” at GH-05 B, Sector-16B, Tehsil Dadri, District Gautam Budh Nagar, Greater Noida (U.P.) by M/s Prasu Infrabuild Pvt. Ltd. - Environmental Clearance (IA/UP/NCP/66859/2017 ; F. No. 21-297/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 28°36;36.51” N Latitude and 77°27’06.51” E longitude.
- (ii) The project is new. The total plot area is 20120.77.sqm. FSI area is 73939.0 sqm and total construction area of 118797.59 sqm. The project will comprise of 04 Buildings. Total 939.0 Flats shall be developed. Maximum height of the building is 98.0 m.
- (iii) During construction phase, total water requirement is expected to be 100.0 KLD which

will be met by Municipal Supply. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilet will be provided during peak labor force.

- (iv) During operational phase, total fresh water demand of the project is expected to be 299.02 KLD and the same will be met by Municipal Water supply. Waste water generated (348.0 KLD) uses will be treated in MBBR based STPs of total 420.0 KLD capacity 112.34 KLD of treated wastewater will be recycled (104.1 KLD for flushing, 8.24KLD for gardening). About 235.66 KLD will be disposed in to municipal drain.
- (v) About 0.34 TPD solid wastes will be generated in the project. The biodegradable waste (0.204 TPD) will be processed in OWC and the non-biodegradable waste generated (0.14 TPD) will be handed over to authorized local vendor.
- (vi) The total power requirement during construction phase is 200.0 KVA and will be met from State electricity board and total power requirement during 3688.0 KVA operation phase and will be met from State electricity board.
- (vii) Rooftop rainwater of buildings will be collected in 10.0 RWH pits of total 9.42 m³/Hr capacity for harvesting after filtration.
- (viii) Parking facility for 956 vehicles is proposed to be provided against the requirement of 924 ECS (according to local norms).
- (ix) Proposed energy saving measures would save about 25 % 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) Cost of the project is Rs. 290.0 Crore.
- (xiii) Employment potential is for 250 people.
- (xiv) Benefits of the project: It will improve the environment by creating a more attractive and inter active environment for living, leisure & recreation, create an urban landmark. Also generate direct and indirect employment for local people.

The EAC, after detailed deliberations on the proposal and submissions made by 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP (MBBR Technology) with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing and gardening. Excess treated water will be discharged to Municipal Drain.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 10 nos. rain water harvesting recharge pits shall be provided as per CGWB guidelines.

- (iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 163 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (v) A detailed traffic management and a traffic decongestion plan (based on the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in a 05 kms radius from the site under different scenarios of space and time) shall be drawn up through an organisation of repute and specialising in Transport Planning. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (vi) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from GNIDA water supply shall not exceed 299.02 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 8240.52 sqm area shall be provided for green area development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.4.12 Proposed Group Housing Project "Vastu Homes" at Plot No. 4BS/2(GH-02), Siddharth Vihar Yojna, Ghaziabad, Uttar Pradesh by M/s Envyrans Infrastructure Private Limited - Environmental Clearance (IA/UP/NCP/66879/2017; F. No. 21-298/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 28°39'10.70"N, Latitude and 77°24'18.35"E longitude.
- (ii) The project is new development. The total plot area is 12,000 sqm. FAR area is 44016.07 (366%) sqm and total built up area of 87,082.10 sqm. The project will comprise of Residential Buildings. Total 568 flats and 120 EWS/LIG shall be developed. Maximum height of the building is 78 m.
- (iii) During construction phase, total water requirement is expected to be 50 KLD which will be met from Municipal supply/Private Tankers. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Mobile toilets will be

provided during peak labor force.

- (iv) During operational phase, total water demand of the project is expected to be 319 KLD and the same will be met from the Municipal supply and Recycled Water. Wastewater generated (279 KLD) will be treated in STPs of 350 KLD capacity. 89 KLD of treated wastewater will be recycled (79 KLD for flushing, 10 KLD for Horticulture). About 162 KLD will be disposed in to municipal sewer.
- (v) About 1785 Kg/day solid waste along with 7.5 kg/day of horticulture waste, 1.5 kg/day of e-waste and 12 Kg/day of STP sludge will be generated from the project which will be managed as per SWM Rules 2016 and E-waste (Management) Rules, 2016.
- (vi) Total power requirement during operation phase is 4000 KVA and will be met from UPPCL. Backup power supply will be provided by 2 DG set of 625 kVA and 1 DG sets of 1250 kVA.
- (vii) 04 nos. of rain water harvesting recharge pits shall be provided for harvesting after filtration.
- (viii) Parking facility of 854 vehicle space for four wheelers, 75 vehicle space for two wheelers and 54 vehicle space for visitors is proposed to be provided against the requirement of 606 vehicle space (according to MoEF&CC norms).
- (ix) Proposed energy saving measures would save about 20% 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 Rs. 271 Crore.
- (xiii) Employment potential: About 200-300 workers during construction.
- (xiv) Benefits of the project: Residential facilities, Employment opportunity to people, Increase in land value, Wider economic growth, Additional revenues for district government, Reduction in pollution by developing green area and Improved quality of life for people.

The EAC deliberated on the information given by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP (MBBR Technology) with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. The excess treated water will be discharged into municipal sewer.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 04 nos. of rain water harvesting recharge pits shall be provided as per CGWB

	<p>guidelines.</p> <p>(iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. 60 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.</p> <p>(v) A detailed traffic management plan (based on the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in a 05 kms radius from the site under different scenarios of space and time) shall be drawn up through an organisation of repute and specialising in Transport Planning. The Plan to 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>(vi) A certificate shall be obtained from the Ghaziabad Development Authority/Local Body committing to supply water and submitted along with the first compliance report. This certificate shall give details on the sources and accessibility of water along with the quantities available, the commitments made, the balance available and permission received by them for supplying the same.</p> <p>(vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from Municipal Supply Water Supply shall not exceed 230 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 1977.719 sqm area shall be provided for green area development.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.4.13	<p>Group Housing Project at Village Khalagaon, Pargana Pachwa Doon, Sadar Dehradun Uttarakhand by M/s Delmos Aviation Pvt. Ltd. - Environmental Clearance (IA/UK/NCP/66880/2017 ; F. No. 21-299/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at Village Khalagaon, Pargana Pachwa Doon, Tehsil Sadar, Dehradun, Uttarakhand. Latitude: 30°24'37.12" N and longitude: 78°5'16.15" E</p>

- (ii) The project is new. The total plot area is 39,130.43 sqm. The project will comprise of 5 towers. Total construction (built-up) area of the project is 1,13,702.49 sqm. Total 696 No. Dwelling units shall be developed. Maximum heights of the building will be 11.85 m.
- (iii) During construction phase, water will be required which will be provided by private water tankers/STP. Sewage will be treated and disposed through septic tanks/soak pits. Sanitation facilities will be developed at site.
- (iv) During operational phase, total water demand of the project is estimated to be 560 KLD and the same will be met from private tanker/STP. Wastewater generated (406 KLD) will be treated in STP of total 490 KLD capacity. About 324.8 KLD of treated wastewater will be generated from which 141.6 KLD will be used, 71 KLD for horticulture, 14 KLD for DG cooling and remaining 98.2 KLD will be discharged to municipal drain.
- (v) About 2025 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.
- (vi) The power will be supplied by Uttarakhand Power Corporation Ltd. (UPCL). The maximum power demand will be 2,867.46 kVA.
- (vii) Parking facility for 1,314 ECS is proposed to be provided against the requirement of 744 ECS (according to local norms).
- (viii) Proposed energy saving measures would save approx. 11.74% energy.
- (ix) Song River is located within the 10 Km of the project site.
- (x) There is no court case pending against the project.
- (xi) Estimated Cost of the project is Rs. 178 Crore.
- (xii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiii) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

The EAC deliberated on the proposal and information given by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) The project shall conform to the Doon stipulations of the Doon Valley Notification prescribed by the Government of India.
- (iii) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. The excess treated water will be discharged into municipal drain.
- (iv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As

	<p>proposed, 1 nos. of rain water harvesting tank shall be provided as per CGWB guidelines.</p> <p>(v) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. 150 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.</p> <p>(vi) A detailed traffic management and a traffic decongestion plan (based on the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in a 05 kms radius from the site under different scenarios of space and time) shall be drawn up through an organisation of repute and specialising in Transport Planning. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments</p> <p>(vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from Uttarakhand Jal Sansthan Water Supply shall not exceed 330 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 12106.28 sqm area shall be provided for green area development.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.4.14	<p>Group Housing Project "Golf Edge" Plot No.GH-10, Adjoining Sector, Tech Zone-4, Sports City, Greater Noida, Uttar Pradesh by M/s Pine Probuild (P) Ltd- Environmental Clearance (IA/UP/NCP/67014/2017; F. No. 21-300/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at Plot No-GH-10, Adjoining Sector, Tech Zone-4, Sports City, Greater Noida, Uttar Pradesh. Latitude: 28°34'44.08"N and longitude: 77°25'40.79"E.</p> <p>(ii) The total plot area is 14,321 sqm, FSI area is 57575.8 sqm (Proposed FAR = 50,065.55 + Additional FAR = 7510.25 sqm) and total construction area of 85631.6 sqm. Maximum height of the building is 97m.</p> <p>(iii) The total water requirement for the construction of Group Housing Project is estimated to</p>

be approx. 428 ML. The water supply during Construction phase will be met through GNIDA. During the construction phase, soak pits and septic tanks are provided for disposal of waste water. Temporary toilets will be provided for labourers.

- (iv) During operational phase, total water demand of the project is estimated to be 361 KLD and the same will be met by the GNIDA. Wastewater generated (282 KLD) uses will be treated in STP of total 340 KLD capacity. About 226 KLD of treated wastewater will be generated from which 98 KLD will be used for flushing, 33 KLD for gardening, and remaining 95 KLD will be sent to municipal drain.
- (v) About 1282 kg/day solid waste will be generated from the project. The biodegradable waste (746.7 kg/day) will be processed in OWC, Inert waste (124.45 kg/day) will be used for land filling and the non-biodegradable waste generated (373.36 kg/day) will be handed over to vendors.
- (vi) The total power requirement during operation phase is 2615 KVA (2092 KW) and will be met from Uttar Pradesh Power Corporation Limited
- (vii) Parking facility for 630 No. of four wheelers is proposed to be provided against the requirement of 630 Nos. (according to local norms).
- (viii) Proposed energy saving measures: Energy will be saved using energy efficient lighting fixtures, Electronic Ballast, Timer based lighting and APFC Panel.
- (ix) It is not located within 10 km of Eco Sensitive areas.
- (x) There is no court case pending against the project.
- (xi) Estimated Cost of the project is Rs. 194 Crore.
- (xii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiii) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

The EAC deliberated on the proposal and information given by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. The excess treated water will be discharged into municipal drain.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 4 nos. of rain water harvesting pits shall be provided as per CGWB guidelines.
- (iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and

inert materials. Wet garbage shall be composted in Organic Waste Converter. 200 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.

- (v) A detailed traffic management plan (based on the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in a 05 kms radius from the site under different scenarios of space and time) shall be drawn up through an organisation of repute and specialising in Transport Planning. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (vi) A certificate shall be obtained from the Greater Noida Authority and submitted along with the first compliance report. This certificate shall give details on the sources and accessibility of water along with the quantities available, the commitments made, the balance available and permission received by them for supplying the same.
- (vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from GNIDA Water Supply shall not exceed 230 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 5500 sqm area shall be provided for green area development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.4.15 Pt. Deen Dayal Upadhyaya, Institute of Archaeology Building and Unesco Category-II centre at plot no.2 sector Knowledge Park-II Greater Noida, Uttar Pradesh by M/s Archaeological Survey of India Ltd- Environmental Clearance (IA/DL/NCP/65082/2017; F. No. 21-301/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at Lat. 28⁰ 27'19.09" North and Long. 77⁰ 29'42.90" East.
- (ii) The total plot area is 1,01,074.30 sqm. The total construction area of 53,986.77 sqm. The project will comprise of 1 Buildings which includes G+3& G+5 Floors, Basement will

be of 11736.84 sqm.

- (iii) During construction phase, total water requirement is expected to be 15 to 20 KLD which will be met through tankers arranged by the contractor or STP 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.
- (iv) 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. During operational phase, total water demand of the project is expected to be 225.5 KLD and the same will be met by the Municipal supply.
- (v) Solid Waste Management: About 384 Kg/day solid waste will be generated in the project. The biodegradable waste (270 kg/day) will be processed in OWC and the non-biodegradable waste generated (114 kg/day) will be handed over to authorized local vendor
- (vi) The total power requirement during construction phase is 50 kVA and will be met from Uttar Pradesh Vidyut Vitran Nigam and total power requirement during operation phase is 2027.17kVA and will be met from Uttar Pradesh Vidyut Vitran Nigam.
- (vii) Rooftop rainwater of buildings will be collected in 21 RWH tank of total 24.75 cum/hr. capacity for harvesting after filtration.
- (viii) Parking facility for 558nos. of ECS four wheelers is proposed to be provided.
- (ix) Proposed energy saving measures would save about 10% of power.
- (x) It is located not located within 10 km of any Eco Sensitive areas.
- (xi) There is no court case pending against the project.
- (xii) Investment/Cost of the project is Rs. 289 crore.
- (xiii) Employment potential: 100 local labours in the construction phase and approx. 40 workers in the operational phase.
- (xiv) Benefits of the project: Institutional purpose.

The EAC deliberated on the proposal and information given by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. The excess treated water will be discharged into municipal drain.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 21 nos. of rain water harvesting pits shall be provided as per CGWB

	<p>guidelines.</p> <p>(iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.</p> <p>(v) A detailed traffic management plan (based on the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in a 05 kms radius from the site under different scenarios of space and time) shall be drawn up through an organisation of repute and specialising in Transport Planning. The Plan to 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>(vi) A certificate shall be obtained from the Greater Noida Authority and submitted along with the first compliance report. This certificate shall give details on the sources and accessibility of water along with the quantities available, the commitments made, the balance available and permission received by them for supplying the same.</p> <p>(vii) Necessary measures should be undertaken for demarcation of silence zones and the implementation of stipulations, around the institution, as prescribed under the Noise Pollution (Regulation and Control) Rules, 2000.</p> <p>(viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from U.P. Jal Nigam water supply shall not exceed 225.5 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 23305.68 sqm area shall be provided for green area development.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.4.16	<p>Affordable Group Housing Project “Mehak Jeevan” At Khasra No’s 1091 (Part) 1092 (Part), Village Morta, Pargana Jalalabad Ghaziabad, U.P. by M/s Mehak Infrastructure Pvt. Ltd. - Environmental Clearance (IA/UP/NCP/67080/2017; F. No. 21-302/2017-IA-III)</p> <p><i>The project proponent did not attend the meeting and as such, the proposal was deferred</i></p>

22.4.17	<p>“Group Housing Project” at Plot No. 7, GH– B, Koyal Enclave, Ghaziabad, Uttar Pradesh by M/s SRM Infratech Solutions Pvt. Ltd. - Environmental Clearance (IA/UP/NCP/67132/2017 ; F. No. 21-303/2017-IA-III)</p> <p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>
22.4.18	<p>Proposed SRA scheme on plot bearing C.S. Nos. 286(pt), 793(pt), 913, 1/914, 3/914 & 1629(pt) & 6/1629 of Lower Parel Division, Pandurang Bhudhkar Marg, Worli, clubbed with adjoining non-slum plot including public parking bearing C.S Nos. 1/913, 1A /913, 914, 2/914, 4/914 ,915 and 7E/1629 (Crest Scheme plot no. 250 B) under Clause 7.7 of Appendix IV of DCR 33(10) for “Mahalaxmi SRA CHS Ltd.” Mumbai in G/S Ward and clubbed schemes of Proposed Slum Rehabilitation Scheme on plot bearing C.S.No. 200(pt), 201, 3/159(pt), & 205(pt) of Parel Sewri Division for “Ganeshwadi Utkarsh SRA CHS Ltd.” in F/S Ward , Proposed Slum Rehabilitation Scheme on plot C S No. 1/362(pt) of Matunga division at 18.30 mtr. Sheikh Mishree Road, Antop Hill, Wadala Mumbai. Known as “Sheikh Mishree SRA CHS (Prop)” in F/N Ward by M/s Omkar Realtors & Developers Pvt. Ltd. - Environmental Clearance (IA/MH/NCP/65974/2017; F. No. 21-284/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <ul style="list-style-type: none"> (i) The project is located at 19⁰⁰’32.06”N Latitude and 72⁰49’24.46”E Longitude (ii) The proposed project is Amendment/ Expansion of Residential & Commercial project with SRA scheme at Lower Parel Division, Pandurang Bhudhkar Marg, Worli. The Project comes within the municipal limits of Municipal Corporation of Greater Mumbai. (iii) Environmental Clearance vide letter No. SEAC-2009/CR. 174/TC.2 dated 20.05.2010 and subsequent amendment on 01.12.2014, 24.03.2015 and vide No. SEIAA-2015/CR-71/TC 3 dated 13.10.15 received for Residential project with SRA Scheme at Worli, Mumbai. (iv) The total plot area is 37,674.29 sqm, FSI area is 1,45,660.76 sqm and total construction area of 5,86,423.71 sqm. The project is comprised of 3 nos. of Sale Buildings, one rehab building with 8 wings and 130 nos. of shops. Total Rehab: 1380 Nos.; BWS Units: 48 Nos. R/C: 25 Nos. Amenities: 9 Nos., Temple: 4 Nos. UNM: 1 No., Sale: 495 Nos. shall be developed. Maximum height of the building is 315.67m. (v) During construction phase, total water requirement is expected to be 150 KLD 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 1310 KLD and the same will be met by fresh water from Municipal Corporation of Greater Mumbai (MCGM) and recycled water. Wastewater generated (1135 KLD) will be treated in 2STPs of capacity 350 KLD for sale and 850 KLD for Rehab buildings. 1124 KLD of treated wastewater will be recycled (439 KLD for flushing, 14 KLD for gardening and 364 KLD HVAC makeup). About 307 KLD will be disposed in to municipal drain. (vii) About 4868 kg/d solid waste will be generated in the project. The biodegradable waste (2921 kg/d) will be processed in Organic waste converter (OWC) and the non-biodegradable waste generated (1947 kg/d) will be handed over to authorized local vendor. (viii) The total power requirement during construction phase is 800 KW and will be met from TATA and total power requirement during operation phase is 26.2 MW and will be met

from TATA.

- (ix) Rooftop rainwater of buildings will be collected in 2 RWH tanks of total 215 m³ capacity for harvesting after filtration.
- (x) Parking facility for 1196 four wheelers for sale buildings and 701 for MCGM parking is provided
- (xi) Proposed energy saving measures would save about 16% of power requirement.
- (xii) It is not located within 10 km of Sanjay Gandhi National park & Tungreshwar wildlife sanctuary.
- (xiii) There is no court case pending against the project.
- (xiv) Investment /cost of the project is Rs. 1878.67 Crores
- (xv) Employment potential: 675 Nos.
- (xvi) Benefits 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.

The Committee noted that ToR was granted to the project by SEAC-II, Maharashtra in its 33rd meeting dated 04.07.2015. The project was appraised by SEAC-II, Maharashtra in its 50th meeting held on 08.09.2016 and recommended for environmental clearance. The EAC also deliberated on the certified compliance report letter No. 18-C-2/2011(SEAC) dated 07.09.2017 issued by the MoEF&CC's Regional Office (WCZ), Nagpur 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBR and MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture and HVAC makeup. The excess treated water will be discharged into municipal drain.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 6 nos. of rain water harvesting tank of 215 m³ shall be provided as per CGWB

	<p>guidelines.</p> <p>(vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.</p> <p>(vii) Apart from the traffic impact assessment study as submitted for one kilometres, a detailed traffic management and a traffic decongestion plan should be drawn up for a 05 km. Area round the project and implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies. The Company will give land for widening of roads as proposed.</p> <p>(viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from MCGM Water Supply shall not exceed 871 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 1975.62 sqm area shall be provided for recreational ground (RG) area.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.4.19	<p>“Special Township Project”, At Post Sarang, Taluka Khalapur, Dist. Raigad, Maharashtra by M/s Claridges SEZ Developers Private Limited - Environmental Clearance (IA/MH/NCP/65986/2015; F. No. 21-285/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at Latitude of 18°52'45.902"N to 18°54'4.004"N and Longitudes of 73°12'54.266"E to 73°13'56.908"E. This is a Special Township Project</p> <p>(ii) The plot area is 10,62,500.00 sqm, FSI area is 12,47,741.00 sqm and total construction area of 23,63,400.26 sqm. The Project will comprise 148 buildings (having 6 phases). Total 11888 nos. flats (Sale and EWS) shall be developed (along with development of amenities like Market Mall, Convention Centre, Hotels and Resorts, IT Park and Office Building, Hospital, Primary and Secondary School, Police Station, Auditorium, Library, Community Centre, Home for Aged Person).Maximum height of the building up to terrace</p>

level is 131.40 mt (IT Park Building in Phase 4).

- (iii) During construction phase, total water requirement is expected to be 23 KLD for workers (for each phase) and 925 KLD for construction activity which will be met by tanker water of potable quality for Workers and water tankers for construction activity, for fulfilling the construction water requirement of initial phase (Phase -1) proponents are planning to use water sourced from tankers. After commissioning STPs of Phase -1, the excess treated sewage from Phase-1 shall be used for the construction activity of the subsequent phases. This will help to reduce the fresh water demand for construction activity. During construction phase the waste water shall be treated in modular type STP and Excess treated sewage from STPs of the Construction phase shall be used for water sprinkling, construction of internal roads and watering nursery plants. Temporary sanitary toilets will be provided during peak labor force.
- (iv) During operational phase, total water demand of the project is expected to be 12763 KLD and the same will be met by the 9204 KLD recycled water, 7283 KLD fresh water from MJP. Wastewater generated (10227 KLD) will be treated in 35 numbers of Sewage Treatment Plants of total capacity 11625 KL. 5444 KLD of treated wastewater will be recycled (4400 KLD for flushing, 1044 KLD for gardening). For fulfilling the construction water requirement of initial phase (Phase -1) proponents are planning to use water tankers. Reuse of excess treated sewage for construction activity of subsequent phases: After commissioning STPs of Phase -1, the excess treated sewage from Phase-1 shall be used for the construction activity of the subsequent phases. This will help to reduce the fresh water demand for construction activity and further reduce the quantity of excess treated sewage. Provision of pond of adequate capacity for storage of excess treated sewage with water purification systems like aerators to keep the optimum oxygen level and avoid breeding of the mosquitoes is planned.
- (v) About 39.41 TPD solid wastes will be generated in the project. The biodegradable waste (23.60 TPD) will be processed in Bio-methanation plant and the non-biodegradable waste generated (15.80 TPD) will be handed over to an Agency named as Thane Waste-Tech & Recyclers Private Limited for further disposal.
- (vi) The total power requirement during construction phase is 150 KW and will be met from Maharashtra State Electricity Distribution Company Limited (MSEDCL) and total power requirement during operation phase is 137336 KW and will be met from MSEDCL.
- (vii) Rooftop rainwater of buildings will be collected in 31 nos. of RWH tanks of total 8981 KLD capacity for harvesting after filtration.
- (viii) Parking facility for 21983 four wheelers and 2436 two wheeler, 20769 Cycle, 130 Bus, 5 Ambulance is proposed to be provided against the requirement of 20488, 2056, 20769, 129 and 5 respectively. (according to local norms)
- (ix) Proposed energy saving measures would save about % of power. : Energy saving: 18%
- (x) It is located within 10 km of Eco Sensitive areas: Yes
- (xi) There is no court case pending against the project.
- (xii) Investment Cost of the project is Approx. Rs. 7500 Crores.
- (xiii) Employment Potential: During construction phase: The construction of project is in 6 phases and would require 300 skilled and unskilled labours. In each phase local people would benefit the employment opportunities. During operation phase: The completion of project will eventually lead to permanent job opportunities to the local & nearby villagers as there would be increased demand for security, kitchen help, etc. One Hospital (150 bedded) with Doctor and other supporting staff has been planned in the project. The area with poor health care facility would benefit from this hospital as it has capacity to cater to

the population. A primary and Secondary school with a capacity of 7620 students and 762 staff would benefit the nearby village population.

- (xiv) Benefits of the project: This Special Township Project comprises of Residential buildings & EWS (Economical Weaker Section) Housing Scheme along with amenities like Market Mall, Convention Centre, Hotels and Resorts, IT Park and Office Building, Hospital, Primary and Secondary School, Police Station, Auditorium, Library, Community Centre, Home for Aged Person.

During deliberation, the Committee noted that Project Specific ToR was received from SEAC-II Maharashtra on 22nd July, 2015 for Plot area 12, 20,137.31 sqm & total construction area of 33,88,252.49 sqm. Now Project Proponent has submitted proposal for Plot area 110,62,500 sqm & total construction area of 23,63,400.26 sqm. The Committee also noted that the project site is located within 10 km of Eco Sensitive area i.e Karnala bird Sanctuary. After detailed deliberations on the proposal, the EAC sought following additional information:

- (i) Status of clearance from National Board of Wild Life (NBWL).
- (ii) The Impact of dewatering for excavation of basements and plan for disposal of groundwater generated in dewatering.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.
- (iv) A detailed report on compliance to ECBC norms.
- (v) Details energy conservation measures to be taken. All points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (vi) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (vii) 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.

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

22.4.20 Development of Deoghar Airport at Deoghar, Deoghar District, Jharkhand by M/s Airports Authority of India - Environmental Clearance (IA/JH/MIS/52683/2016; F.No. 10-31/2016-IA.III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) Airports Authority of India proposes to develop a airport at Deoghar District of Jharkhand. A MoU was signed between Jharkhand Govt. and AAI for development of Deoghar Airport at proposed site. A land of 264.56 Ha (653.75 acres) will be required for development of the project. Out of this, private land of 177.13 Ha has been already acquired by Govt. of Jharkhand. The area of government land is 58.48 Ha and existing airstrip is 21.61 Ha, which has been transferred to AAI. The application for forest diversion of 7.34 Ha forest

land has been completed and it is in advanced stage of clearance.

- (ii) The site is well connected by Eastern Railways network from Howrah-Patna route of Indian railway. The nearest railway station is at Baidyanathdham on the Jasidih Baidyanathdham loop line from the Howrah-Patna Mughal-Sarai main line.
- (iii) The airport will be developed to cater for operation of A320 type of aircrafts. This will involve construction of runway (Existing runway length of 1158m and proposed 2700m and width of Existing runway 24mand proposed is 45m) with all allied facilities like terminal building (11250.00 m²), Apron (156 m x 115 m), Apron Shoulder, Taxi Track, Runway Shoulder, boundary wall, perimeter roads and parking facilities .
- (iv) The study was conducted during the period March to May, 2016.The maximum air level in was observed for PM₁₀63.3µg/m³ at Deoghar and PM_{2.5} was observed 38.4 µg/m³ at Chitnodiha.The maximum noise level in day time was observed 55.1 dB(A) at Deoghar (N9) and minimum noise level in day time was observed 52.9 dB(A) at Gauripur (N5) end of project site. Maximum noise level at Deoghar (N9) was due to high density vehicular movement.
- (v) The estimated maximum water requirement of the project during non-monsoon season will be 141.7 KLD with 105.1 KLD of fresh water and the rest treated water.
- (vi) Total sewage generation will be about 36.6 KLD and the same will be treated in a well-designed Sewage Treatment Plant (STP) using MBBR technology of 45 KL capacity. Treated wastewater from the STP will be reused for flushing of toilets and horticulture purposes
- (vii) The estimated total cost of the project is Rs. 425.0 crores. The annual monitoring cost during the construction phase would be about Rs. 16.92 lakhs while it has been estimated to be Rs. 34.8 lakhs for the operation phase.AAI has kept a budget of Rs. 70.4 lakhs for CSR activities which will be used to develop the project surrounding areas.
- (viii) Terms of Reference was granted by MoEFCC vide letter No. 10-31/2016-IA-III dated 22.06.2016.
- (ix) Public hearing was conducted at Asahana village on on 13.05.2017.
- (x) Employment potential: 250 during operation
- (xi) Benefits of the project: It will increase connectivity of the region, encourage tourism in the area, help in development of Industries in the area which is already rich in mineral resources and help generate employment both direct and indirect

The EAC deliberated upon the issues raised during the Public Hearing/Public Consultation meeting conducted at Asahana village by the Jharkhand State Pollution Control Board. Major issues raised during public hearing are development activities, employment generation for local and compensation. The Committee noted that issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report.

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 development of Airport project.
- (ii) PP shall obtain Stage I Forest Clearance for total 7.34 Ha of forest land.
- (iii) Project Proponent shall be obtained clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities.

- (iv) The Land requirements should be strictly as per the guidelines for Airports as prescribed by the ICAO/ Airport Authority of India
- (v) The land acquisition / purchase shall be in conformity to the LARR Act, 2013 and any other laws and regulations governing land acquisition.
- (vi) Construction site should be adequately barricaded before the construction begins.
- (vii) 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.
- (viii) 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.
- (ix) The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
- (x) 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.
- (xi) A detailed drainage plan for rain water shall be drawn up and implemented.
- (xii) Ground water abstraction and rain water recharge shall be as may be prescribed by the CGWA. A prior clearance of the CGWA shall be obtained in this regards.
- (xiii) Total water requirement from ground water bore wells/tankers will not be exceed 105.1 KLD.
- (xiv) Sewage Treatment Plant (STP) base on MBBR Technology shall be provided to treat the wastewater generated from the airport and the treated wastewater will be reused for irrigation of landscaping and garden areas.
- (xv) 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.
- (xvi) Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.
- (xvii) 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.
- (xviii) 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.
- (xix) 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.
- (xx) Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc shall be provided.
- (xxi) 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.

- (xxii) 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.
- (xxiii) 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.
- (xxiv) 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.
- (xxv) Airport Noise Management could be as proposed under the draft rules on Airport Noise notified by the MoEF&CC, Govt. of India.
- (xxvi) 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.
- (xxvii) 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 engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out.
- (xxviii) 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.
- (xxix) Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/feeding room to be locate conveniently near arrival and departure gates.
- (xxx) 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.
- (xxxi) 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.
- (xxxii) 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.
- (xxxiii) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.
- (xxxiv) The concerns of the Public hearing panel shall be suitably addressed to and the recommendations adopted as part of the Environmental Management Plan and in the plan for C.S.R. as applicable.
- (xxxv) 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.

(xxxvi) Water abstraction from ground water sources for the existing and proposed use shall be as authorised by the CGWA. Necessary permission be availed in this regards before start of any new abstraction or continuation of previous abstraction.

22.4.21 Proposed Development of Information Technology Park at Plot no. Gen 2/1/D, Gen 2/1/E, Gen 2/1/F in Trans Thane Creek Industrial Area, Maharashtra Industrial Development Corporation, Jui Nagar, Navi Mumbai by M/s Newfound Properties and Leasing Pvt Ltd - Environmental Clearance (IA/MH/NCP/66042/2017; F. No. 21-139/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) Project Location at Expansion of Proposed Development of Information Technology Park on Plot no. Gen 2/1/D, Gen 2/1/E, Gen 2/1/F in Trans Thane Creek Industrial Area, Maharashtra Industrial Development Corporation, Jui Nagar, Navi Mumbai.
- (ii) Latitude: A.19° 3'1.99"N, B. 19° 3'5.31"N, C. 19° 3'10.91"N, D. 19° 3'11.50"N, E.19° 3'0.64"N, F. 19° 2'55.64"N and Longitude A.73°1'18.90"E,B.73°1'38.67"E, C.73° 1'44.94"E, D. 73° 1'55.28"E, E.73° 1'56.11"E, F.73° 1'40.01"E.
- (iii) The project is Expansion. Earlier Clearance was obtained vide letter no. SEAC -2016/CR-61 /TC-1 dated 03.12.2016 for construction area 4,16,206.82 sqm . As on date (25.05.2017), 75500 sqm is constructed on site as per EC obtained dated 03.12.2016 for construction area 4,16,206.82 sqm
- (iv) Total plot area 2,37,807.23 sqm, FSI area 4,01,025.45 sqm and total construction area 5,05,420.99 sqm. The project will comprise of 15 Buildings. The details is given below:

Building no.	Configuration
1	Stilt + 3 Parking + 8 Office Flrs. + Part 9th
2	Part Stilt + 4 Office Flrs.+ Part 5th
3	Stilt + 3 Parking + 8 Office Flrs.+ Part 9th
4	Basement + Stilt + 6 Parking + 12 Office Flrs. + Part 13th
5	Stilt + 1Parking + 8 Office Flrs.
6	Stilt + 1Parking + 8 Office Flrs.
7	Stilt + 1Parking + 8 Office Flrs.
8	Stilt + 1Parking + 8 Office Flrs.
9	Ground + 1 (Existing Structure At Site To Be Retained)
10	Stilt + 1Parking + 8 Office Flrs.
11	Stilt + 1 Parking + 7 Office Flrs.
12	Stilt + 1 Parking + 7 Office Flrs.
14	Stilt + 1 Parking + 7 Office Flrs.
15	Stilt + 1 Parking + 7 Office Flrs.
16	Stilt + 1 Parking + 7 Office Flrs.

Total population will be 80206 no's. Maximum height of the building is 90 m (building No. 4)

- (v) During construction phase, total water requirement is expected to be 170 KLD which will be outsourced through private water suppliers. 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 3721 KLD and the same will be met by the MIDC & 2117 KLD Recycled Water. Wastewater generated 2887 KLD will be treated in 14 STPs of total 2915 KLD capacity. 2598 KLD of treated wastewater will be recycled (2005 KLD for flushing, 112 KLD for gardening). About 481 KLD will be used in HVAC systems.
- (vii) About 20 TPD solid wastes will be generated in the project. The biodegradable waste (6 TPD) will be processed in OWC and the non-biodegradable waste generated (14 TPD) will be handed over to authorized local vendor. E waste : 144000 kg/year will be handed to authorized recycler
- (viii) The total power requirement during construction phase is 500 kW and will be met from MSEDCL and total power requirement during operation phase is Total Connected load will be 46407 kW, Total Demand load will be 36548 kW will be met from MSEDCL
- (ix) 1056 cum of Rooftop rainwater of buildings will be collected in total 2112 cum capacity for harvesting after filtration.
- (x) Parking facility for 8881 four wheelers and 882 two wheelers is proposed to be provided against the requirement of 8823 and 882 respectively (according to local norms).
- (xi) Proposed energy saving measures would save about 10.7% overall for the project.
- (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. 1328 Crore.
- (xv) Employment potential: 100 shall be provided with temporary housing facilities Around 100 labors will come to site during peak construction phase. This is a commercial project which will create 80206 nos direct employment and 400 indirect employment during the operation phase.
- (xvi) Benefits of the project: There shall be generation of employment opportunities during construction stage and also at operational phase development. Since this is an IT building which have become increasingly popular places to work for a number of reasons. The first benefit is that they provide a real sense of community, allowing companies in the same or relevant fields to cluster, network and even collaborate. The emphasis on innovation and advancement helps to create a unique environment that perhaps would not happen in a single location or one where the technology company was solo. Other benefits of this project which is a technology park will include Great transport links for workers and visitors alike, increasing the aesthetic appeal of the surrounding and adding to the infrastructures of the MIDC area. This project will also ease in the daily transportation of people residing in Navi Mumbai to Mumbai city.

The Committee noted that Standard ToR was granted to the project by MoEFCC vide letter F. No. 21-139/2017-IA-III dated 02.06.2017. The EAC also deliberated on the certified compliance report letter No. 16-31/2008(Env)/ dated 23.06.2017 issued by the MoEF&CC's Regional Office (WCZ), Nagpur 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, landscaping and HVAC makeup. As proposed no treated water shall be discharged into municipal drain.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 6 nos. of rain water harvesting tank of 215 m³ shall be provided as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 1819 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vii) Apart from the traffic impact assessment study as submitted for one kilometres, a detailed traffic management and a traffic decongestion plan should be drawn up for a 05 km. Area round the project and implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies. The Company will give land for widening of roads as proposed.
- (viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Municipal Corporation Water Supply shall not exceed 1604 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 3940.26 sqm area shall be provided for green belt development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment

	<p>infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) Necessary arrangements could be made to facilitate that the employees avail of public transport within the premises.</p> <p>(v) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.4.22	<p>Expansion of “Residential Plotted Colony” at Village-Kabri & Faridpur, Sector -36-39, Panipat, Haryana by M/s Taneja Developers & Infrastructure Pvt. Ltd. - Environmental Clearance (IA/HR/NCP/66136/2016; F. No. 21-287/2017-IA-III)</p> <p><i>During deliberation, the Committee noted that ToR for the project was granted by the SEAC Haryana vide F.No. HR/SEAC/686/1450 dated 15.09.2016 for the expansion of Residential plotted colony having plot area 1009101.95 sqm and built-up area 2018203.88 sqm. Proposal for Amendment in the said ToR was submitted to MoEFCC on 10.05.2017 which has been considered by the EAC in present meeting on 11.09.2017 and the Committee recommended for amendment in the ToR with some additional ToR points. Accordingly the Committee suggested Project Proponent to submit the revised EIA report including additional ToR points.</i></p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
22.4.23	<p>Proposed Integrated Industrial Area at Navlakhumbre & Badhalwadi Village in Taluka Mawal, District Pune, Maharashtra by M/s Hindustan Electricity Generation Co. Pvt. Ltd - Environmental Clearance (IA/MH/MIS/65069/2016; F.No. 21-318/2017-IA-III)</p> <p>(i) The project is located at 18°49'15.54 Latitude and 73°41'10.88” Longitude.</p> <p>(ii) The project is new. The total plot area is 10,06,100 sqm, FSI area is 6,25,000 sqm and total construction area of 6,44,800 sqm. The project will comprise of Units Industrial - 4, Storage - 7, Residential - 23, Commercial - 1 & School - 1 Buildings. Total 1650 Nos. flats shall be developed. Maximum height of the building is for Residential - 30 m, for Storage - 15 m, and for Industrial- 7.5 m.</p> <p>(iii) During construction phase, total water requirement is expected to be 100 KLD which will be met by Maharashtra Jeevan Pradhikaran Water Supply Project/ Tanker (from authorized water supplier). 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 fresh water demand of the project is expected to be 2232.18 KLD will be met by the Irrigation Department (Jadhavwadi Dam) Pune, 2895.15 KLD Recycled Water. Wastewater generated 3265 KLD uses will be treated in various capacity STPs of total 3310 (for CWWTP - 2150 KLD, Residential - 1000 KLD, Commercial Area - 100 KLD & School - 60 KLD) and 2895.15 KLD of treated wastewater will be recycled (1395.15 for flushing, 1500 for gardening). About nil KLD will be disposed in to municipal drain.</p> <p>(v) About 12.40 MT/Day solid wastes will be generated in the project. The biodegradable waste 5.6 MT/Day will be processed in OWC/CWWTP and the non-biodegradable waste generated 6.8 MT/Day will be handed over to authorized local vendor.</p>

- (vi) The total power requirement during construction phase is 150 KVA and will be met from Maharashtra State Electricity Distribution Co. Ltd. and total power requirement during operation phase is 20780 KVA and will be met from Maharashtra State Electricity Distribution Co. Ltd.
- (vii) Rooftop rainwater of buildings will be collected in 63 RWH pits of total 6300 KLD capacity for harvesting after filtration.
- (viii) Parking facility for 4032 four wheelers and 4631 two wheelers is proposed to be provided against the requirement of 4032 and 4631 respectively (according to local IIA guidelines). (In addition to this for Cycle - 4796, Truck - 414 & Tractor - 105).
- (ix) Proposed energy saving measures would save about 13.42 % of power.
- (x) It is not located within 10 km of any Eco Sensitive areas.
- (xi) There is court case pending against the project: The Navlakh Umbre Paryavaran Parisar Vikas Sangh (NUPPVS) had filed a Complaint No. 18 of 2011 in the Judicial Magistrate 1st Class Vadgaon Court, Pune in relation to the proposed Gas Based Power Plant. Further in an Interim Order dated 13th June 2011 the said process has been stayed by the Sessions Court, Pune. The Court through an order dated 28th June 2012 allowed the project proponent to apply for such application to the SEAC. The company has subsequently decided to convert the area into an Industrial Park catering to the neighbouring Auto & Auto Ancillary Industries and thereby withdrawing the power plant.
- (xii) Investment/Cost of the project is Rs. 2000 Crore.
- (xiii) Employment potential: Project will provide employment opportunities to the local people in terms of service personnel during operation & construction phase.
- (xiv) Benefits of the project: Talegaon is developing as industrial area from last few decades. The main industrial activities are auto mobile and auto ancillary units. Talegaon has many units like JCB, Bombardier, Ford, etc. There are several manufacturing and production units also. These industrial units have constant requirement of goods, material as raw material and needs facilities related to transportation of finished or intermediate products.
- (xv) International Property Consultant (IPC) was appointed to conduct detailed feasibility study and market research for best possible use of the land. Based on this Integrated Industrial Area has come up as feasible option considering the primarily to (IIA) auto ancillary units like GM, L&T, POSCO.
- (xvi) The project will create job opportunities in construction and operation phase of project. This will aid creating livelihood opportunities in area. The school proposed in project will help to support and improve educational need in surrounding areas. The commercial units will support and benefit the neighboring community also.

During deliberation, the Committee noted that ToR for the project was granted in the 134th meeting of SEAC, Maharashtra on 07-09 September, 2016. The EAC deliberated on the information given by the project proponent and 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:

After detailed deliberations on the proposal, the EAC sought following additional information:

- (i) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same.
- (ii) A detailed report on compliance to ECBC norms.

- (iii) Details energy conservation measures to be taken. All points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.
- (iv) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (v) 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.
- (vi) Details and current status of Complaint No. 18 of 2011 in the Judicial Magistrate 1st Class Vadgaon Court, Pune.

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

22.4.24 Construction of Parallel Taxi Track at Dabolim Airport, Goa by M/s Airports Authority of India –Terms of Reference (IA/GA/MIS/67735/2017; F. No. 10-54/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) In order to meet the growing Air Traffic in Goa AAI, has constructed and commissioned New Integrated Terminal Building in March 2014 with peak hour capacity of 2750 Pax. (2000 Domestic and 750 International) having 5 Nos. Aerobridges. Presently, the parking of Aircraft capacity is 2 Nos. B category and 8 Nos. C category or 2 Nos. B category plus 5 Nos. C category and 2 Nos. D/E category. Dabolim Airport is a Naval Airport wherein the ATC is handled by Indian Navy. CNS facilities are also handled by Indian Navy. Airport Authority of India (AAI) handles Aircraft on Civil Apron, Terminal Building and City side facilities.
- (ii) Due to the absence of Parallel Taxi Track on the northern side of Runway 08 - 26, landed Aircraft has to backtrack on the runway to reach the Civil Apron using the Taxiways N1/N2, N4, N5 or using curtailed Parallel Taxi Track on the southern side involving crossing of runway. This process limits the runway capacity of handling Aircraft.
- (iii) With the present arrangement/procedure of Aircraft movement during takeoff and landing, due to the absence of Parallel Taxi Track on the northern side of the Runway, it has negative effect on the turnaround time of the Aircraft. The runway efficiency is also getting limited due to backtracking of Aircraft after landing using either Taxiway N4 & N5 or using southern side part Taxi Track involving crossing of runway. In order to reduce the runway occupancy time by Civil Flights, a full length parallel taxi track suitable for B747 type of Aircraft is required to be constructed. AAI and Indian Navy entered into a MOU for the same as AAI and Indian Navy to share the cost of construction 50:50.
- (iv) Total project cost for construction of parallel taxi track is Rs. 183.35 Crore. The period of execution for Parallel Taxi Track and associated works shall be 30 months.
- (v) The proposed project involves development of parallel taxi track along with associated facilities which is a modification to the existing layout, which includes civil and mechanical works. The following works to be carried out for the proposed project.

- a. Construction of Parallel Taxi Track of dimension approx. 3710 X 23 mts. and shoulders of 10.5mts.
- b. Widening and strengthening of Link Taxiways N5, N6 and N7 to width 23 mts. and provision of shoulders of 10.5mts. in addition to N3, N4, N2 & N1.
- c. Development of filets of Taxiways N1 & N2.
- d. Replacement of air washer unit
- e. Relocation of bore well and associated works
- f. Construction of a perimeter road around Dumbell 08 for runway crossing and diversion of road around Dumbell 26.
- g. Diversion/Rerouting of Cables/Drain etc.
- h. Relocation of boundary wall for widening of Perimeter Road, relocation of Bomb cooling pit & GTC hut falling in the alignment of PTT.
- i. Installation of 5 Nos. CCR in the existing substation of Indian Navy with remote control panel and installation of DG set of 325 KVA.
- j. Replacement of CAT-I ILS with New CAT-I ILS.

(vi) There will be no additional water required for the proposed project.

(vii) Additional 25 KW power is required for the proposed project and the same will be sourced from Navy Grid.

(viii) As the proposed project (modification project to accommodate taxi way) is coming up within the airport boundary, no additional land is required. Hence, no rehabilitation and resettlement issue is envisaged.

(ix) There will be no waste generation due to the proposed project.

(x) **Benefits of Project:** Due to the absence of Parallel Taxi Track on the northern side of Runway 08 - 26, landed Aircraft has to backtrack on the runway to reach the Civil Apron using the Taxiways N1/N2, N4, N5 or using curtailed Parallel Taxi Track on the southern side involving crossing of runway. This process limits the runway capacity of handling Aircraft. With the present arrangement/procedure of Aircraft movement during takeoff and landing, due to the absence of Parallel Taxi Track on the northern side of the Runway, it has negative effect on the turnaround time of the Aircraft. The runway efficiency is also getting limited due to backtracking of Aircraft after landing using either Taxiway N4 & N5 or using southern side part Taxi Track involving crossing of runway. Thus the proposed project will improve the runway capacity and comfort of passengers.

(xi) There will be no change in the baseline environmental levels of various parameters before and after the implementation of proposed project. There will be no change in the land use as the proposed development is within the existing Airport premises. Being the proposed project is for improving the operability of runway capacity and comfort for passengers, there will be no change in socio-economic status after development of proposed facilities.

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

(i) Importance and benefits of the project.

(ii) Copy of consent to establish and consent to operate for the existing airport facilities.

(iii) A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet (including all eco-sensitive areas and environmentally sensitive places).

- (iv) Layout maps of proposed project indicating runway, airport building, parking, greenbelt area, utilities etc.
- (v) Cost of project and time of completion.
- (vi) A note on appropriate process and materials to be used to encourage reduction in carbon foot print. Optimize use of energy systems in buildings that should maintain a specified indoor environment conducive to the functional requirements of the building by following mandatory compliance measures (for all applicable buildings) as recommended in the Energy conservation building code (ECBC) 2007 of the Bureau of Energy Efficiency, Government of India. The energy system includes air conditioning systems, indoor lighting systems, water heaters, air heaters and air circulation devices. Use.
- (vii) Details of emission, effluents, solid waste and hazardous waste generation and their management. Air quality modelling and noise modelling shall be carried out for the emissions from various types of aircraft.
- (viii) Classify all Cargo handled as perishable, explosive, solid, petroleum products, Hazardous Waste, Hazardous Chemical, Potential Air Pollutant, Potential Water Pollutant etc. and put up a handling and disposal management plan.
- (ix) Noise monitoring shall be carried out in the funnel area of flight path.
- (x) Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- (xi) The E.I.A. should specifically address to vehicular traffic management as well as estimation of vehicular parking area. A detailed traffic management and a traffic decongestion plan (based on the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in a 05 kms radius from the site under different scenarios of space and time) shall be drawn up through an organisation of repute and specialising in Transport Planning. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (xii) Details of fuel tank farm and its risk assessment.
- (xiii) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
- (xiv) A tabular chart with index for point wise compliance of above TORs.

It was recommended that 'ToR' 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 Committee exempted Public hearing as per para 7(ii) of the EIA Notification, 2006 for preparation of EIA/EMP Report.

22.4.25 Deepening the Harbour Basin and Approach Channel to handle 15.20m draught vessels, Modification of Port entrance, Construction of 6nos of Berths and Strengthening / Upgradation of existing Berths-1 to 9, NCB-I and NCB-II at V.O. Chidambaranar Port by M/s. V.O.Chidambaranar Port Trust – Terms of Reference (IA/TN/MIS/67583/2017; F. No. 1055/2017-IA-III)

The project proponent made a presentation and provided the following information to the

Committee:-

- (i) The present maximum operating draught of V.O.Chidambaranar Port is 12.80m. In view of increasing the handling capacity of the Port, the Ministry of Shipping has engaged a consultant for preparation of Master plan of the Port and the consultant has submitted their report during the month of June, 2017. Based on the Master plan, Port decided to increase the vessel draught from 12.80m to 15.20m to handle fully loaded panamax vessels in the Inner Harbour.
- (ii) In order to handle the vessels upto 15.20m draught the dock basin area and the approach channel has to be dredged to (-) 16.50m and (-) 17.20m respectively. The present length of the approach channel is 3.8km after completion of the dredging the channel length will be 10.04km. Port is planned to increase the width of entrance from the present 153m to 230m to cater safe entry of larger size vessels. Port also planned to construct 6 Nos of berths in the Inner Harbour and strengthening of existing Berths 1 to 9, NCB-I & NCB-II for handling Coal, Construction Materials, General Cargoes, Container and Clean Cargoes.
- (iii) The details of the project cost is as follows:

Sl. No	Description	Estimated Cost (Rs. in crores)
I	a. Dredging (Phase-I, Phase-II & Phase-III) b. Formation of Reclamation Bund c. Widening of Port Entrance	3462.00
ii	Construction of 6nos of Berths	250.00
iii	Strengthening / Up-gradation of existing Berths 1 to 9, NCB-I and NCB-II	600.00
iv	Mechanical handling system for container terminals, bulk cargo and general cargo berths & container parking yard	2000.00
	Total	6312.00

- (iv) The total volume to be dredged in the three Phases comes to 16 Million Cum (approximately). The reclamation area for this dredging is proposed to be in the eastern side of east breakwater and Southside of south breakwater. The total reclamation area is 90 hectares and these areas will be used as a backup area for the proposed container terminal and for providing road and rail connectivity for the future Outer harbour project.
- (v) The total project cost of the present development is Rs. 6312 Crores.

*During deliberations, the Committee noted that the Project proponent has proposed to withdraw the earlier proposals for which ToRs was granted by the MoEFCC vide letter dated 20.05.2016, 14.07.2016 and 05.06.2017 and proposed to file a fresh application seeking ToR for EIA study for the project “**Deepening the Harbour Basin and Approach Channel to handle 15.20m draught vessels, Modification of Port entrance, Construction of 6nos of Berths and Strengthening / Upgradation of existing Berths-1 to 9, NCB-I and NCB-II at V.O. Chidambaranar Port**”. Which solve one and all development activities of optimization of the inner harbor of the Port.*

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 in supersession to the Ministry’s letter F. No. 10-28/2016 IA-III dated 20.05.2016 and 14.07.2016 and F. No. 10-89/2016-IA-III dated 05.06.2017 and the following ToR in addition to Standard ToR for preparation of EIA-EMP report:

- (i) This Terms of Reference (ToR) is in supersession of the Ministry's earlier letter F. No. 10-28/2016 IA-III dated 20.05.2016 and 14.07.2016 and F. No. 10-89/2016-IA-III dated 05.06.2017.
- (ii) Importance and benefits of the project.
- (iii) The data collection and impact assessment shall be as per standards survey methods.
- (iv) All complaints or representations on the project as available with the MoEF&CC, the V.O. Chidambarnar Port Trust or with the Local Administration(District Manager) including representation received from Conservation Action Trust shall be addressed to in the EIA with a specific action plan where required.
- (v) A para-wise response and action plan to the recommendations as given in the proceedings of public hearing shall be included in the EIA report.
- (vi) A separate chapter on status of compliance of Environmental Conditions granted by State/Centre to be provided. As per circular dated 30th May, 2012 issued by MoEF&CC, a certified report by RO, MoEF&CC on status of compliance of conditions on existing port to be provided in EIA-EMP report.
- (vii) Submit a complete set of documents required as per para 4.2 (i) of CRZ Notification, 2011.
- (viii) Submit a copy of layout superimposed on the HTL/LTL map demarcated by an authorized agency on 1:4000 scale.
- (ix) Recommendation of the SCZMA.
- (x) Stage -1 forest clearance for the involvement of forest land.
- (xi) Various Ports facilities with capacities for proposed project.
- (xii) List of cargo to be handled along with mode of transportation.
- (xiii) Layout plan of existing and proposed Port.
- (xiv) A detailed analysis of the physico-chemical and biotic components in the highly turbid waters round the project site (as exhibited in the Google map shown 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.
- (xv) Study the impact of dredging on the shore line.
- (xvi) A detailed impact analysis of rock dredging.
- (xvii) Action plan for disposal of dredged soil and rocks.
- (xviii) Dispersion modelling for the dumping of the dredge materials shall be carried out. The study report shall be incorporated.
- (xix) Details of air pollution control measures to be taken as well as cost to be incurred.
- (xx) Total water consumption and its source. Wastewater management plan.
- (xxi) Details of Environmental Monitoring Plan.
- (xxii) The impacts of rock excavation and dredging separately.
- (xxiii) The Marine biodiversity impact assessment report and management plan through the National Institute of Oceanography (NIOS) or any other institute of repute on marine, brackish water and fresh water ecology and biodiversity. The report shall study the impact of the project activities on 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 standards survey methods.

- (xxiv) Disaster Management Plan for the above terminal.
- (xxv) Layout plan of existing and proposed Greenbelt.
- (xxvi) Status of court case pending against the project.
- (xxvii) A tabular chart with index for point wise compliance of above TORs.
- (xxviii) An assessment of the cumulative impact of all redevelopment and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 submitted with the EIA. The Plan to be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (xxix) 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.

It was recommended that 'ToR' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure- 2) should be considered for preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.

Time: 10.00 AM

Day 3: Wednesday, 13th September, 2017

22.5.1 Proposed Residential Apartment At Village: Manavarthekeval, Tehsil: South Bangalore, Uttarahalli Hobli, Ward No. 198, District: Bangalore, Karnataka by M/s Mantri Primus Lifespaces Pvt Ltd - Environmental Clearance (IA/KA/NCP/67346/2017; F. No. 21-309/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 12°52'02.23" N Latitude and & 77°31'29.83" E. longitude.
- (ii) The project is new. The total plot area is 15128 sqm. FSI area is 19500.13 sqm and total construction area of 24271.55 sqm. The project will comprise of 91 villas. Total 91 villas shall be developed. Maximum height of the villa is 9.9 m.
- (iii) During construction phase, total water requirement is expected to be 20-30 KLD which will be met by private water tanker supply. During the construction phase, 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 87 KLD. Fresh water requirement is 50 KLD. Source of fresh water is Bangalore Water Supply and Sewerage Board (BWSSB). 37 KLD of remaining water requirement will be met by

	<p>Recycled Water. Wastewater generated (64 KLD) uses will be treated in STPs of total 70 KLD capacity. 39 KLD of treated wastewater will be recycled (25 KLD for flushing, 12 KLD for gardening, 2 KLD for road washing). About 11 KLD will be disposed in to municipal drain.</p> <p>(v) About 0.264 TPD solid waste will be generated in the project. The biodegradable waste (0.148 TPD) will be processed in OWC, recyclable waste of (0.090 TPD) will be sold to authorized vendor and the non-biodegradable waste generated (0.026 TPD) will be handed over to authorized local vendor.</p> <p>(vi) The total power requirement during construction phase is 80 KVA and will be met from BESCO (temporary connection) & DG sets and total power requirement during operation phase is 502 KW and will be met from BESCO</p> <p>(vii) Surface Rainwater of buildings will be collected in 25 nos. RWH pits of total 187.5 cum capacity and roof top rain water will be collected in 310 cum RWH tanks (250+60 cum). Total available run-off is 8433 cum</p> <p>(viii) Parking facility for <u>200</u> four wheelers and <u>0</u> two wheelers is proposed to be provided against the requirement of <u>208</u> four wheelers and <u>0</u> respectively (according to local norms).</p> <p>(ix) Proposed energy saving measures would save about 28.4% of power.</p> <p>(x) Bannerghatta National Park is at 9.3 km in SE direction from project site but Notified ESZ of the National park is 100 m in North & NE direction as per MoEF&CC Notification No. SO 2216 (E) dated 15.06.2017 and thus the site is outside the notified ESZ of the national park</p> <p>(xi) There is no/court case pending against the project.</p> <p>(xii) Investment/Cost of the project is Rs. 63 Crore.</p> <p>(xiii) Employment potential 91 Nos.</p> <p>(xiv) Benefits of the project: Project is residential apartment project. Development of the project will provide the living facility with all modern day comfortable facilities</p> <p><i>The Committee noted that this is a new proposal to be developed in a total plot area of 102741.03 sqm with total Built up area of 95137.36 sqm. The project falls under Category 'B' under item no. 8 (a) i.e. Building and Construction Projects of the schedule of the EIA Notification, 2006. Since SEIAA/SEAC, Karnataka has been re-constituted on 5th September, 2017, the Committee recommended to transfer the proposal to SEIAA, Karnataka and advised the Project Proponent to apply to SEIAA/SEAC, Karnataka for appraisal.</i></p>
22.5.2	<p>Proposed IT building “142 One” at plot no. 03, sector 142 Noida, U.P. by M/s Logix Infomedia Pvt Ltd - Environmental Clearance (IA/UP/NCP/67358/2017 ; F. No. 21-310/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at 28°30'08.58"N Latitude and 77°24'55.00"E longitude. This is a new project. No clearance has been obtained for the project. The total plot area is 8100.00 sq m. FSI area is 21260.99 sq m and total construction area of 33,841.18sqm. During construction phase, Drinking water source – Through authorized tankers.</p> <p>(ii) During operational phase, total water demand of the project is expected to be 177 KLD and the same will be met by 117 Kld fresh and 60 treated wate from onsite STP.</p>

Wastewater generated (74 KLD) uses will be treated in one STP of total 90 KLD capacity. 60 KLD of treated wastewater will be used for flushing, gardening, DG Cooling & HVAC.

- (iii) About 0.57 TPD solid wastes will be generated in the project. The biodegradable waste (0.34 TPD) will be processed in OWC and the non-biodegradable waste generated (0.23 TPD) will be handed over to authorized local vendor.
- (iv) The total power requirement during construction phase will be met through DG sets. Total power requirement during operation phase is 2400 KW and will be met from Uttar Pradesh Power Corporation Ltd (UPPCL)
- (v) Rooftop rainwater of buildings will be collected in 02 RWH tanks for harvesting after filtration.
- (vi) Parking facility for 446 four wheelers is proposed to be provided against the requirement of 425 (according to local norms). Proposed energy saving measures would save about 8.8% of power. No Eco sensitive zone within 10 km of the project site.
- (vii) No Court case is pending against the project.
- (viii) Investment/Cost of the project is Rs.100 Crores.
- (ix) Employment Generation: During operational phase of the project, persons will get employment opportunities as staff for management, maintenance and security. As an estimate, during operation phase, persons will get marginal employment opportunities, who would work as domestic helpers. This will help in improving the quality of life of economically weaker sections of the local area.

The EAC deliberated on the proposal and information given by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used will be used for flushing, gardening, DG Cooling & HVAC. There will be no discharge of the excess treated water into municipal drain.
- (iii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 2 nos. of rain water harvesting recharge pits shall be provided as per CGWB guidelines.
- (iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed, 150 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.

- (v) An assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or through other activities in the area, 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.
- (vi) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Noida Authority water supply shall not exceed 117 KLD. A certificate shall be obtained from the NOIDA and submitted along with the first compliance report. This certificate shall give details on the sources and accessibility of water along with the quantities available, the commitments made, the balance available and permission received by them for supplying the same.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 1459.35 sqm area shall be provided for green area development.
- (iii) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.5.3 Development of Hindon Elevated Road at Ghaziabad from NH-24 (U.P. Gate) to Raj Nagar Extension, Uttar Pradesh by M/s Ghaziabad Development Authority - Environmental Clearance (IA/UP/NCP/65728/2016; 21-316/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 28°37'57.5" N Latitude and 77°23'53.9" E Longitude.
- (ii) The project is New Project. In NGT Order dated 20th September, 2016 in the OA No. 180/2015 of Sushil Raghav Vs. Union of India and Others, it has been stated that the construction of the ongoing project, i.e., six lane elevated road linking to NH-24 in District Ghaziabad will not be stopped.
- (iii) Elevated: 10.30 km (NH-24 near Hindon Canal from Delhi to Raj Nagar Extension Area).
- (iv) Grade Road: 7.00 km (NH 24 near Hindon Canal from Delhi to Railway under Bridge at Hindon Barrage).
- (v) During construction phase, total water requirement is expected to be 160 m³/day Domestic water of 27 KLD will be met by Authorized private Tanker or private supply. This requirement of water will be spread over the project road length. It will be assured that no public water sources will be used for construction purpose.
- (vi) For this Elevated road an amount of 50,000 liter treated water per day from the Indrapuram Sewage Treatment Plant has been allotted by Ghaziabad Development Authority to GDA. This water is not drinkable and it will be used only for construction purpose. Domestic water of 27 KLD will be met by Authorized private Tanker or private supply. Temporary sanitary toilets will be provided during peak labor force.
- (vii) There will be no need of water during operational phase.

- (viii) Disposal of Construction Wastes: The Environmental Expert approved these disposal sites after conducting a joint inspection on the site with the Contractor. Non-bituminous wastes dumped in borrow pits (preferably located in barren lands) covered with a layer of the soil. No new disposal site created as part of the project, except with prior approval of the Environment Expert. All waste materials completely disposed of and the site fully cleaned and certified by Environmental Expert before handing over.
- (ix) Stripping, stocking and presentation of top soil: Stockpiles not be surcharged or otherwise loaded and multiple handling kept to a minimum to ensure that no compaction occur. The stockpiles covered with gunny bags or vegetation. It ensured by the Contractor that the topsoil not be unnecessarily trafficked either before stripping or when in stockpiles. Such stockpiled topsoil will be utilized for Covering all disturbed areas including borrow areas.
- (x) Disposal of Wastes in Operation Phase: The solid waste (Municipal solid waste, Horticultural waste, Street sweeping) generation will also be disposed and collected in separate disposed area after discussion with municipal of Ghaziabad for treating of waste in their STP. The solid waste will comprise of biodegradable waste e.g. domestic waste, food waste, horticultural waste etc. and recyclable waste, like plastic, and paper etc.
- (xi) For the proposed project requirement of power will be 3x250 kVA and supplied by Uttar Pradesh State Electricity Board to project during operation phase.
- (xii) The run-off water from the elevated road will be channelized through drain pipes and will be disposed off through the natural drainage system of the nearby area. Longitudinal road-side drains will also be constructed on both sides of the roads and there will be provision for culverts for disposal of storm water. The rain water pipes will dispose the water into the underground drainage channels which will automatically recharge the ground water.
- (xiii) GDA will provide solar street lights at operational phases.
- (xiv) On 14.09.2014, MoEF&CC has declared Eco sensitive zone around Okhla Bird Sanctuary & notified an area up to 100 meters towards eastern, western & southern boundary and 1.27 km towards northern boundary. The project is situated towards North Eastern boundary & 7.3 km away from the sanctuary.
- (xv) There is no/court case pending against the project.
- (xvi) Total Construction cost of Hindon Elevated Road is Rs. 916.92 Crores while the total Project Cost is Rs. 1147.60 Crores.
- (xvii) Employment potential is 300.
- (xviii) Benefits of the project: Improvement of existing road from two lane to 6/8 lane configuration will provide better, fast, safe and smooth connectivity for the commuters between the Uttar Pradesh and NCR as well as in the region. Smooth and fast moving traffic will cause only lower emissions thereby reducing pollution levels. Help generate employment both direct and indirect

The Committee noted that Project proponent has already started the construction works and construction work is going on. Being a violation case, the Committee suggested Project Proponent to apply under violation case as per S.O. 804(E) dated 14.03.2017.

22.5.4 Proposed expansion of Multi-storied Residential complex in the name of “North Town” at Survey Number of 142/1, etc., at Stephenson Road, Perambur Village, Perambur - Purasawalkam Taluk, Chennai District, Tamil Nadu by PVP Ventures Private Limited - Environmental Clearance (IA/TN/NCP/65983/2017; 21-170/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 13°06'23.02" N Latitude and 80°15'25.39" E longitude.
- (ii) The project is 'Proposed Expansion of Multistoried residential Complex in the name of "North Town". Earlier EC obtained vide letter No. 21-238/2006-IA.III dated 22.12.2006.
- (iii) Constructions status: Phase A - Ananda (Tower 01 - 09) of 504 units (G+13 Floor), Phase B - Brahma (Tower 14 - 17) of 224 units (G+13 Floor), Phase E - Ekanta (EWS 1 & 2) of 220 units (G+13 Floor) and Phase G - Gulmohar Villa (Type 1, 2 & 3) of 110 units (G+2 part) with total built-up area and dwelling units of 1,10,375.997 sq.m and 1,058 units respectively have been constructed.
- (iv) The total plot area is 1,97,277.5 sqm, FSI area is 2,49,715.3 sqm and total construction area of 3,14,031.676 sqm. The existing project consists of Phase A - Ananda (Tower 01 - 09) of 504 units (G+13 Floor), Phase B - Brahma (Tower 14 - 17) of 224 units (G+13 Floor), Phase E - Ekanta (EWS 1 & 2) of 220 units (G+13 Floor) and Phase G - Gulmohar Villa (Type 1, 2 & 3) of 110 units (G+2 part) with total built-up area of 1,10,375.997 sq.m and the proposed project consists of Phase B - Brahma (Tower 10 - 12 & 18 - 22) of 448 units (G+13 Floor), Phase C - Chaitanya (Tower 23 - 33) of 792 units (Basement 1+ Basement 2 + G + 17 Floors), Phase E - Ekanta (EWS 3, 4 & 5) of 330 units (G+13 Floors), Temple, Club House, Service Facility Block, Community hall, MLCP (2 Nos.), Guard house (3 Nos.) and ESS Panel with the built up area of 2,03,655.679 sqm. The proposed expansion project consists of 2,628 dwelling units. Maximum height of the building is 54 m.
- (v) During construction phase, total water requirement is expected to be 30 KLD which will be met by Contractors through 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.
- (vi) During operational phase, total fresh water demand of the project is expected to be 1,167 KLD and the same will be met by the CMWSSB. Wastewater generated (1572 KLD) uses will be treated in STPs of total 1600 KL capacity (2 x 800 KL) based on SBR technology. 1,569 KLD of treated wastewater will be recycled (581 KLD for toilet flushing and 160 KLD for gardening). About 828 KLD will be disposed to underground sewer line of CMWSSB.
- (vii) About 6,667 Kg/day solid waste will be generated in the project. The biodegradable waste (2,667 Kg/day) will be processed in OWC and the non-biodegradable waste generated (4,000 Kg/day including Recyclable waste) will be handed over to authorized local vendor.
- (viii) The total power requirement during construction phase is 1,100 KVA will be met from TANGEDCO and total power requirement during operation phase is 142 MVA and will be met from TANGEDCO.
- (ix) The total rainwater harvesting (RWH) potential estimated in the site is 5630.75 cum during peak hour rainfall. The run-off from the roof top, paved and unpaved can be stored in the sump and pass through the storm water drains where there will be recharge structures at regular intervals. 41 numbers of rainwater recharging structures are proposed all along the storm water drain network to harvest the flow.
- (x) Parking facilities for 2,585 four wheelers and 1,869 two wheelers is proposed to be provided against the requirement of 2,165 and 1,869 respectively (as per CMDA Norms)
- (xi) Proposed energy saving measures would save about 7.6% of power.
- (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. 249.99 Crore.
- (xv) Employment potential: 2,000 persons.
- (xvi) Benefits of the project: The project will generate employment for local people which will upgrade the prosperity of the region. This will, in turn, improve the socioeconomic conditions of the area. The total manpower required for the project is about 2,000 persons which would be mainly sourced from the local community in and around the site and few technical persons will be employed from outside area. There will be indirect employment to many more people and will enhance the economic status. Apart from this, the proponent will be involved in many CSR activities that cater to the needs of the surroundings.

The Committee noted that Standard ToR was granted to the project by MoEFCC vide letter F. No. 21-170/2017-IA-III dated 13.06.2017. The EAC also deliberated on the certified compliance report letter No. dated 01.09.2016 issued by the MoEF&CC's Regional Office (SEZ), Chennai 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on SBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing and landscaping. Excess treated water shall be discharged into Municipal sewer line.
- (iii) A certificate shall be obtained from the Chennai Metropolitan Water Supply Corporation and submitted along with the first compliance report. This certificate shall give details on the sources and accessibility of water along with the quantities available, the commitments made, the balance available and permission received by them for supplying the same.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 41 nos. of rain water harvesting recharge pits shall be provided as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. As proposed 50 sqm space shall be provided for OWC. The inert waste from group housing project will be sent to dumping site.

- (vii) Apart from the traffic impact assessment study as submitted for one kilometres, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads as proposed.
- (viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from CMWSSB water supply shall not exceed 1167 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 45373.8 sqm area shall be provided for green belt development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

22.5.5 'Primrose Square' Commercial Complex, Plot No. C-10, Sector-Delta 01, Greater Noida, U.P. by M/s Srigarv Infratech Pvt. Ltd.- Environmental Clearance (IA/UP/NCP/67390/2017; 21-317/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The Project site is located at PlotNo.C-10, Sector Delta-01, Greater Noida, Uttar Pradesh. Latitude: 28°28'54.98"N and Longitude: 77°31'48.76"E.
- (ii) The total plot area is 4,500 sqm. FAR area is 17,981.24 sqm and total construction (built-up) area will be 33,437.48 sqm. Maximum height of the building is 69.6m.
- (iii) During construction phase, approx. 170 ML of water will be required which will be provided by private water tanker. During the construction phase, soak pits/septic tanks will be provided for disposal of waste water. Temporary toilets will be provided to labourers.
- (iv) During operation phase, water supply will be provided through Municipal supply. About 126 KLD of water will be required during operation phase of the project. Wastewater generated (139 KLD) will be treated in STP of total 170 KLD capacity. About 125 KLD of

treated wastewater will be generated from STP which will be used for flushing (104 KLD), gardening (2 KLD) and HVAC Cooling 19 KLD.

- (v) About 727 kg/d solid waste will be generated from the project. The biodegradable waste (363.5 kg/d) will be processed in OWC and the non-biodegradable waste generated (290.8kg/d) will be handed over to local vendors. Approx. 72.7 kg/d of inert waste would be generated.
- (vi) Electricity will be supplied by NPCL. The total electrical load during operation will be 2132 KW.
- (vii) Parking proposed is 345 ECS (as against 343ECS required as per bye-laws)
- (viii) Proposed energy saving measures would save approx.20.5%energy.
- (ix) It is not located within 10 km of Eco Sensitive areas.
- (x) There is no court case pending against the project.
- (xi) Estimated Cost of the project is Rs. 76 Crore (approx.).
- (xii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiii) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

The Committee deliberated on the proposal and submission made by the Project Proponent. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture and HVAC makeup. Excess treated water shall be discharged into Municipal sewer line.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 01 nos. of rain water harvesting recharge pits shall be provided as per CGWB guidelines.
- (v) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 150 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from

	<p>group housing project will be sent to dumping site.</p> <p>(vi) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.</p> <p>(vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from GNIDA water supply shall not exceed 126 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 675.07 sqm area shall be provided for green area development.</p> <p>(iii) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.5.6	<p>Proposed Construction of breakwater and fish landing center at Belambar fishing harbour, Belambar village, Ankola taluka, Uttara Kannada district, Karnataka by M/s Department of Fisheries, Karwar - Terms of Reference (IA/KA/MIS/67310/2017; F.No. 10-52/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The proposal is for construction of breakwater and fish landing centre at Belambar fishing harbour, Belambar village, Ankola taluka, Uttara Kannada district, Karnataka state at Belambar fishing harbour, Belambar village, Ankola taluka, Uttara Kannada district, Karnataka state</p> <p>(ii) Presently, a jetty of length 130 m is existing, but to extend the fisheries business and social development of Belambar villagers, it is insufficient for berthing, outfitting, repairing of fishing vessels, etc. Hence, it is proposed to develop a Fish Landing Centre at Belambar.</p> <p>(iii) The proposed fishery harbour has been designed to accommodate a total number of 130 vessels, including 80 numbers of FRP boats and 50 mechanised boats comprising of 30 numbers of 13 m long trawlers, 20 numbers of 18 m long purse-seiners.</p> <p>(iv) The layout of the fishery harbour has been designed to get maximum protection inside the harbour during bad weather and to accommodate all the vessels of the design fleet during bad weather. One breakwater of 1060 m length on the northern side has been proposed for providing a sheltered basin of the required area as the headland (Kusuldiva Gudda) at the southern end of the bay acts as the natural barrier.</p> <p>(v) The main waterside and landside facilities proposed in the proposed fishery harbour layout are as follows:</p> <ul style="list-style-type: none"> • Northern Breakwater - 1,060 m

- Landing Quay - 80 m
- Outfitting Quay - 40 m
- Repair Quay - 40 m
- Dredging
- Reclamation
- Revetment
- Auction Halls for MFVs and FRP boats
- RC sloping hard
- Administrative office
- Boat parking/repair yards
- Boat repair shop
- Fishermen gear sheds
- Non mending sheds
- Fishermen rest sheds
- Restaurant
- Dormitory
- Compound wall
- Public toilet
- Internal road network
- Fresh water supply and distribution system
- Radio Communication Tower
- Provision of solid, liquid and toxic waste disposal systems, including drainage, sewerage treatment facilities, bilge oil separators, spent oil reception sheds, toxic waste collection sheds, effluent treatment plant, etc.
- Internal electrical supply and distribution system including electric sub-station, high mast lights, street lighting, etc.
- Harbour security in the form of raised compound wall, security house, etc.
- Navigation aids in the form of floats and lighted buoys
- Vacant plots in the harbour complex for shops/allied fishery industries in the civic amenity areas, etc.
- Greeneries and landscape

(vi) The State Fisheries Department after conducting detailed topographic and hydrographic survey, proposed a breakwater to reduce the intensity of wave action in inshore waters and near the existing jetty and to provide safe harbourage. Coastal Engineering for the Fishery (CICEF), Bengaluru has carried out the engineering investigation at Belambar jetty site during the month of February, 2014 and economic investigation during the month of May, 2015 to ascertain the feasibility of establishing fishery harbour at the proposed site. Central Water and Power Research Station (CWPRS), Pune has carried out detailed modelling studies for the development of proposed fish landing centre and desk and wave flume studies for design of breakwaters.

(vii) Cost of the project is Rs. 120 Crores.

The Committee noted that the project falls under Category 'B' under item no. 7 (e) i.e. Ports, harbours, break waters, dredging Projects of the schedule of the EIA Notification, 2006. All the proposals having <5 million TPA of cargo handling capacity and/or ports/harbours

≥10,000 TPA of fish handling capacity falls under Category 'B'. Since SEIAA/SEAC, Karnataka has been re-constituted on 5th September, 2017, the Committee recommended to transfer the proposal to SEIAA, Karnataka and advised the Project Proponent to apply to SEIAA/SEAC, Karnataka for appraisal.

22.5.7 Pulsated Mono cable System Passenger Ropeway at Nandankanan Zoological Park, Khorda, Odisha by M/s Damodar Ropeways and Infra Limited - Terms of Reference (IA/OR/MIS/67364/2017; F.No. 10-53/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

(i) Nandankanan Zoological Park at Bhubaneswar has decided to get installed a Passenger Ropeway in their Park to provide the tourists to have a ride enjoying the scenic beauty of the Kanjia Lake from the top. As well as for this purpose, the Nandankanan Zoological Park Authority invited tenders on B.O.T basis and Damodar Ropeways & Infra Limited (DRIL) has shown their interest submitting competitive Bid. The Authority has selected the Bid submitted by DRIL and awarded the Contract to them.

(ii) The proposed ropeway UTP area lies at the Botanical Garden and LTP area at Nandankanan Zoological Park. The U.T.P is proposed in the State Botanical Garden, as the location for the upper station is fixed.

(iii) **Cost of the project:** Rs. 805 lakh.

(iv) Land requirement for the proposed ropeway is as follows: **Total area:** 0.6343 hectares

- o Upper Station (U.T.P): 0.2264 hectares
- o Lower Station (L.T.P): 0.3009 hectares
- o Ropeway Corridor with two numbers tower - 0.1070 hectare

(v) Project Components

- o **Ropeway System:** Monocable Pulsated Fixed Grip Ropeway
- o **Technical Parameters:**

System	Monocable Pulsated
Length	628 mtr.(approx.)
Level Difference	15 mtrs.(approx.)
Capacity	400 PPH
No. of Group	4 Group
No. of Towers	2
No. of Cabin per Group	3 nos.
Cabin Capacity	4 Seater
Total no. of Cabin	12
Rope DIA	42 MM
Power Requirement	100 KW
D.G. Set	300 KVA & 20 KVA

(vi) Tree cutting, types, numbers, girth size etc.: 45 numbers (maximum) of trees are coming in the way of the ropeway. All efforts will be put to save a maximum number of trees and only cut those which will be necessary for the purpose.

(vii) Employment potential: The employment opportunities will increase, resulting in an increase in earning of people. It is estimated that 30 numbers of staff will be required during the construction phase and 15 numbers of staff will be required during the operational phase. Therefore the living conditions will improve in the area.

After detailed deliberations on the proposal, the Committee recommended for grant of Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said

project/activity and the following TOR in addition to Standard ToR for preparation of EIA-EMP report:

- (i) Importance and benefits of the project.
- (ii) A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places).
- (iii) Stage – I forest clearance to be submitted.
- (iv) Status of application for NBWL clearance for the project.
- (v) Toposheet map of 10 km distance indicating eco-sensitive areas dully authenticated by the Wildlife warden.
- (vi) Route map of proposed ropeway project.
- (vii) Layout maps of proposed project indicating location of upper station and lower station, building, food court, parking, greenbelt area, utilities etc.
- (viii) Numbers of persons/projections of tourist.
- (ix) Cost of project and time of completion.
- (x) A note on appropriate process and materials to be used to encourage reduction in carbon foot print. Optimize use of energy systems in buildings that should maintain a specified indoor environment conducive to the functional requirements of the building by following mandatory compliance measures (for all applicable buildings) as recommended in the Energy conservation building code (ECBC) 2007 of the Bureau of Energy Efficiency, Government of India. The energy system includes air conditioning systems, indoor lighting systems, water heaters, air heaters and air circulation devices. Use
- (xi) Details of air emission, effluents, solid waste and hazardous waste generation and their management.
- (xii) Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- (xiii) The E.I.A. should specifically address to vehicular traffic management and parking facilities.
- (xiv) Examine the ground water / water body contamination from septic tank/Soak pit.
- (xv) The impact of odors from the bio-toilets and its management.
- (xvi) The increment in foot falls as a result of implementation of the project along with a justification on the adequacy of the existing and proposed infrastructure including toilets.
- (xvii) An assessment of the 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 2 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organization of repute and specializing in Transport Planning shall be submitted with the EIA.
- (xviii) 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.
- (xix) 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.
- (xx) Any litigation pending against the project and/or any direction/order passed by any Court

	<p>of Law against the project, if so, details thereof shall also be included.</p> <p>(xxi) Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.</p> <p>(xxii) A tabular chart with index for point wise compliance of above TOR.</p> <p><i>It was recommended that 'ToR' along with Public Hearing prescribed by the Expert Appraisal Committee (Infrastructure- 2) should be considered for preparation of EIA/ EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing. The issues emerged and response to the issues shall be incorporated in the EIA report.</i></p>
22.5.8	<p>Proposed construction of Chhatrapati Shivaji Maharaj Memorial along with equestrian statue of Chhatrapati Shivaji Maharaj in the Arabian Sea of the coast of Mumbai, Maharashtra, by M/s Public Works Department Maharashtra - Amendment in Environmental Clearance (IA/MH/MIS/60961/2015; F. No. 11-4/2015-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The proposed project is to erect a memorial in the form of an equestrian statue of Chhatrapati Shivaji Maharaj on a reclaimed island in the Arabian Sea in the Back Bay area. The proposed location is at 1.2 km southwest of Raj Bhavan, 3.6 km southwest of Girgaon jetty and 2.6km west of Nariman point.</p> <p>(ii) The proposed monument is to be constructed on an oval shaped rock out crop identified for the purpose by the Govt. of Maharashtra. The basalt outcrop located at 1515°33'N and 72°47'25"E is situated at the intersection of the Back Bay and the Arabian Sea, usually submerged at high tide and the rock emerges at low tide.</p> <p>(iii) The site location is owned by Mumbai Port Trust who has accorded NOC for the site vide their letter no DC/C-Statue-Shivaji M/(122)/3846 dated 30 Aug 2015.</p> <p>(iv) There is no eco sensitive area / National Park / Sanctuaries located within 10 Km of project area. There is no forest land involved in the project.</p> <p>(v) The proposed site falls in CRZ IV 'A' area.</p> <p>(vi) The case of CRZ and Environmental Clearance for the project was considered by the EAC in its meeting held on 9th February 2015 and recommended for grant of Environmental and CRZ Clearance. Accordingly, Environmental & CRZ Clearance was issued by MoEFCC on 23 Feb 2015 (File No. 11-4/2015-IA-III).</p> <p>(vii) During detail planning of the project, certain changes have been made by Government of Maharashtra in the earlier plan. For earlier proposal EC was already obtained. Due to the change in the proposal, application for amendment in Environmental clearance has been submitted.</p> <p>(viii) The monument includes 126 m high equestrian statue of Chhatrapati Shivaji Maharaj placed on a two tiered pedestal of 84 m height reaching to an overall height of 210 m above mean sea level. The pedestal would accommodate a series of elevators to approach the base of the statue and also house a museum and a virtual reality based immersive experience for visitors.</p> <p>(ix) An appropriate Corrosion Resistant Bronze alloy will be considered for the skin of the sculpture. Nickel- Copper- Zinc of a suitable composition may be considered based on its</p>

and other characteristics during casting and welding processes. The material of pedestal is proposed as M60 concrete with optimum use of silica fume and fly ash which in terms solves the problem of dumping of fly ash on the fertile land and provides more strength and durability to the structure.

- (x) A fortified wall of 14 m from CD will be erected all around the island to protect the area from sea water.
- (xi) Revetment around the island and set of breakwaters in North (228 m) and South (382 m) will be constructed to ensure wave tranquility at berthing locations. The armour layer of Breakwater is proposed of tetrapod or rock.
- (xii) A total of about 13.15 ha (Phase-I:- 7.18 ha & Phase-II for future expansion:- 5.97 ha) has been proposed to be developed with various other ancillary facilities like Art museum, Amphitheatre & Helipad Complex, Exhibition gallery, Landscaping and open space of viewing and galleries, cafeteria, lavatories, stalls and offices ; Security installations for safety and disaster management system, Wastewater treatment (STP; Capacity 2 X 130KLD = 260 KLD), solid waste management facility and environmental safeguards facilities, Berthing jetty for embarkation and disembarkation of tourists, 10 bedded hospital and 120 bedded Staff Quarter beside the memorial.
- (xiii) Approximately 198 KLD of water will be required. Source of Water - Sea water treated in desalination plant/Municipal Supply. There will be Zero discharge for this project.
- (xiv) No dredging is involved at the project site
- (xv) Material requirement for the project is estimated as: Cement -105000 MT, Sand - 75000 M³, Stone chips - 150000 M³, Steel reinforcement - 33000 MT, Quarry run stone - 80,000 MT, Filter layer stone - 7000 M³, Armour layer stone - 2,22,000 MT, Sand/Soil for reclamation - 1000000 M³, Steel liner for piling - 18000 MT. The quantity may change on detailed engineering as the design will be done by the contractor after award of the work
- (xvi) Steel, granite, laterite, sand will be transported in barges. Ready mix concrete mounted barges will be used to transport M60 grade concrete from Mumbai Port Trust (MbPT) Jetty to the Island till reclamation of the island. After that construction material will be transported in barges to the batching plant on the proposed island.
- (xvii) Disaster Management Plan, fire evacuation plan, adequate safety measures have been appropriately addressed in the proposal.
- (xviii) There is no R&R issue involved.
- (xix) There is no additional impact on Environment is envisaged due to the changes in project features.
- (xx) The cost of the project is estimated at Rs. 2300 Crores for Phase I and Rs. 3600 Crores for Phase I + Phase II.

The Committee deliberated upon the proposal and noted that Environmental and CRZ Clearance to the project was granted vide letter F. No 11-4/2015-IA-III dated 23.02.2015. Now the Project Proponent has submitted an application for Amendment in EC & CRZ Clearance granted due to change in earlier proposal of the project. The proposed amendment includes increase in sea wall height, increase in pedestal height & size, change in mode of transportation of construction material, change in armour layer material of breakwater.

After detailed deliberation, the Committee sought following additional information:

- (i) Recommendation of MCZMA for the proposed change/Modification.
- (ii) Details of the Court cases PIL No. 06/2017 in the Bombay High Court and Application No.

	<p>108/2016 filed in the NGT (Western Bench), Pune.</p> <p>(iii) Is reclamation of the Island a part of the project or the Reclaimed Island already exists? Impact on island ecology.</p> <p>(iv) Environmental Impacts of the proposed changes on the marine biota and fishery activities and other terms of reference as for the earlier EIA.</p> <p>(v) The need for a public hearing and was it done earlier.</p> <p>(vi) The disposal of effluents from desalination plant.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
22.5.9	<p>Expansion of the existing township “Omaxe Eternity Township” located at Chhatikara Road, Vrindavan, Distt. Mathura, Uttar Pradesh by M/s Omaxe Limited – Reconsideration for Environmental Clearance (IA/UP/NCP/64477/2016; F.No.21-154/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at 27°34' 08" to 27° 34'49" N Latitude and 77°38' 58" to 77°39' 25" E longitude.</p> <p>(ii) The project is an expansion project. Phase-I of the project is under construction and nearing completion. Phase-I had received EC vide letter No. 1120/SEAC/401/2010/TA(J) dated 10.07.2010 from SEIAA, U.P for an area of 1,49,638.71 sqm out of which 1,49,219.31 sqm has been constructed.</p> <p>(iii) The total plot area is 3,84,869.70 sqm (Earlier Ph-I: 2,34,070.15 sqm and proposed Ph-II: 1,50,799.55 sqm), total construction area will be 2,83,214.32 sqm. (Earlier Ph-I: 1,49,219.31 sqm & proposed Ph-II: 1,33,995.01 sqm). The project will comprise of approximately 300 Buildings (Row housing: 259, Group Housing: 15, Commercial: 5 and approximately 21 miscellaneous buildings for services/ PSP). Total 3784 dwelling unit (Earlier Ph-I: 2714 and proposed Ph-II: 1070) shall be developed. Maximum height of the building is 30 m.</p> <p>(iv) During construction phase, total water requirement is expected to be 30 KLD which will be met by treated waste water, commercial tanker suppliers or any other source sanctioned by MVDA. 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 1757 KLD (Earlier Ph-I: 1460 KLD; proposed Ph-II: 297 KLD) and the same will be met by the ground water till Municipal Water supply becomes available. Additionally 1337 KLD recycled water will be available from STP for use. Wastewater generated 1486 KLD (Earlier Ph-I: 1178, Proposed Ph-II: 308 KLD) will be treated in 1 centralized STP (modular) of total 1500 KLD capacity. 1337 KLD (Earlier Ph-I: 1060 KLD, Proposed Ph-II: 277 KLD) of treated wastewater will be recycled - 424 KLD for flushing, 59 KLD for gardening, 95 KLD for road washing and balance 759 KLD to nearby farmers for agriculture. No discharge will be there except during monsoon season, which will be disposed in to municipal drain/natural drain.</p> <p>(vi) About 9 TPD (Earlier Ph-I: 7.9 TPD, Proposed Ph-II: 1.1 TPD) solid waste will be generated in the project. The biodegradable waste (3.62 TPD) will be processed in OWC and the non-biodegradable waste generated (5.11 TPD) will be handed over to authorized local vendor. 0.33 TPD shall be recyclable waste.</p>

- (vii) The total power requirement during construction phase is 94 KVA and will be met from UPPCL and total power requirement during operation phase is 16,875 KVA (Earlier Ph-I: 10,000 KVA and proposed Ph-II: 6,875 KVA) and will be met from UPPCL.
- (viii) Rooftop rainwater of buildings will be collected in 38 (Earlier Ph-I: 26, Proposed Ph-II: 12) RWH tanks of total 1564.88 KLH capacity for harvesting after filtration.
- (ix) Parking facility for both Ph-I & Ph-II will be 2426 ECS for both four wheelers and two wheelers, which is proposed to be provided against the requirement of 2426 ECS (according to MVDA norms).
- (x) Proposed energy saving measures would save about 5% of power.
- (xi) 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.
- (xii) There is no court case pending against the project.
- (xiii) Investment Cost of the project is Rs. 170 Crore for expansion.
- (xiv) Employment potential– approximately 700 persons.
- (xv) Benefits of the project - Provision of housing to the Mathura region of NCR, especially to the pilgrim population, employment to work force required for construction (labour) and operation (such as drivers, helpers, loader/unloaders, supervisors, store keepers, security etc.) which will mostly be from surrounding villages.

The Committee noted that the proposal was earlier considered by the EAC in its meeting held during 25-27 May, 2017 wherein in some additional details were sought by the Committee including Certified Compliance Report of the conditions stipulated in the earlier environmental clearance issued for the project. The proposal was therefore deferred. Now the project Proponent has submitted the additional information.

The EAC deliberated on the proposal including certified compliance report letter No. VII/Env/SCL/UP/1449/2017/65 dated 23.06.2017 issued by the MoEF&CC's Regional Office (CR), Lucknow. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Necessary NOC/Clearance from TTZ Authority shall be obtained before commencement of the project.
- (iii) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, green area and road washing. Excess treated water shall be discharged into Municipal sewer line.
- (iv) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (v) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest

	<p>Department.</p> <p>(vi) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 38 nos. of rain water harvesting recharge pits shall be provided as per CGWB guidelines.</p> <p>(vii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. Adequate space shall be provided for OWC. The inert waste from group housing project will be sent to dumping site.</p> <p>(viii) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.</p> <p>(ix) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from ground water shall not exceed 1180 KLD with prior permission from CGWA.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 59500.01 sqm area shall be provided for green area development.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.5.10	<p>Proposed Affordable Housing Project under the Scheme of Samajwadi Avas Yojna "Ganpati World II" on Khasra no 3, 11, 12, Mauza Budhera in Tehsil & District Agra, U.P. by M/s Ganpati Infrastructure Development Company Limited - Environmental Clearance (IA/UP/NCP/67183/2017 ; F. No. 21-304/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p>

- (i) The project is located at 27° 8'10.82"N Latitude and 78° 5'11.73"E Longitude.
- (ii) The total plot area is 15,225.00 sqm, FSI area is 32,786.78 sqm and total construction area of 32,786.78 sqm. The project will comprise of Affordable Housing Project under the Scheme of Samajwadi Avas Yojna "Ganpati World II" buildings. Total 506 flats shall be developed. Maximum height of the building is 35m.
- (iii) During construction phase, total water requirement is expected to be 50-100 KLD which will be met by water tankers. During the construction phase, soak pits and septic tanks will be provided for disposal of wastewater. Temporary sanitary toilets will be provided during peak labour force.
- (iv) During operational phase, total water demand of the project is expected to be 242 KLD and the same will be met by the 72 KLD recycled water. Wastewater generated (183 KLD) uses will be treated in STPs of total 225 KLD capacity. 72 KLD of treated wastewater will be recycled (58 KLD for flushing 9 KLD for gardening). About 90 KLD will be disposed into municipal drain/ (discharge to nearby agricultural field).
- (v) About 1.33TPD solid waste will be generated in the project. The bio-degradable waste (0.80TPD) will be processed in OWC and the non-biodegradable waste generated (0.52TPD) will be handed over to authorized local vendor.
- (vi) The total power requirement during construction phase is 500kVA and will be met from state electricity board and total power requirement during operation phase is 2000kVA and will be met from state electricity board. Backup power supply-500 KVA Gas based power generator set.
- (vii) Rooftop rainwater of building will be recharged through 5 RWH pits after filtration.
- (viii) Parking facility for 171 ECS four wheelers and 680 sqm area for two wheelers is proposed to be provided against the requirement of 170ECS and 672 sqm area respectively(according to local norms)
- (ix) Proposed energy saving measures would save about 10-20% 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 Rs. 50. 74 Crores.
- (xiii) Employment potential- 400 persons
- (xiv) Benefits of the projects – Approximate 400 employment (directly and indirectly) will be generated. Local market/convenient shopping complex will be established and infrastructural facility like road, water supply, sewerage will generate and institution facility like hospital, educational will also be established nearby.

The Committee deliberated on the proposal and submissions made by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

- (ii) The proponents will obtain the permission from the TTZ Authority as required.
- (iii) The proponents will avail gas from the GAIL for the operation of D.G. Sets and not operate on Diesel.
- (iv) Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, gardening, DG cooling. As proposed excess treated water shall be used in road side plantation and road washing in collaboration with department of Forest/Urban Development till the municipal sewer line is available.
- (v) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (vi) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (vii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 5 nos. of RWH pits shall be provided as per CGWB guidelines for harvesting after filtration.
- (viii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (ix) 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. This will be based on an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or other agencies in a 05 kms radius from the site. The Company will give land for widening of roads if required.
- (x) A clearance shall be availed from the CGWA for any dewatering or ground water abstraction.
- (xi) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from ground water shall not exceed 170 KLD with prior permission to CGWA.
- (ii) Necessary permission shall be obtained from the CGWA before abstraction of any ground water or dewatering for excavation of basements.
- (iii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 4500 sqm area shall be provided for green area development.
- (iv) An environmental management plan (EMP) shall be prepared and implemented to

	<p>ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(v) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.5.11	<p>Proposed Group Housing at Khasra No. 96, 97M, 98M, 99, 104M, 144/1,146, 147M,148M,149, at Village Chhajarsi, Tehsil Dadri, District Gautam Buddh Nagar, Uttar Pradesh by M/s Ramprastha Properties Pvt Ltd. - Environmental Clearance (IA/UP/NCP/67210/2016 ; F. No. 21-305/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at 28°38'09.13"N Latitude and 77°23'17.40"E longitude. This is a new project. No clearance has been obtained for the project. The total plot area is 39500.00 sqm. The project will comprise of 15 Buildings (12 Residential +3 Com/Club/School). FSI area is 67698.413 sqm and total construction area of 170528.71 sqm. Total 800 flats shall be developed. During construction phase, Drinking water source – Through authorized tankers.</p> <p>(ii) During operational phase, total water demand of the project is expected to be 471.63 KLD and the same will be met by 294.45 KID fresh and 177 treated water. Wastewater generated (374.47 KLD) uses will be treated in one STP of total 450 KLD capacity. 177 KLD of treated wastewater will be used for flushing (Residential & Non Residential and Visitor), gardening & DG Cooling.</p> <p>(iii) About 2.38 TPD solid wastes will be generated in the project. The biodegradable waste (1.42 TPD) will be processed in OWC and the non-biodegradable waste generated (0.96 TPD) will be handed over to authorized local vendor.</p> <p>(iv) The total power requirement during construction phase will be met through DG sets. Total power requirement during operation phase is 3500 KW KW and will be met from Uttar Pradesh Vidyut Vitaran Nigam Ltd. (UPPVNL)</p> <p>(v) Rooftop rainwater of buildings will be collected in 08 RWH tanks for harvesting after filtration.</p> <p>(vi) Parking facility for 531 four wheelers is proposed to be provided against the requirement of 974 (according to local norms). Proposed energy saving measures would save about 5% of power. No Eco sensitive zone within 10 km of the project site.</p> <p>(vii) No Court case is pending against the project.</p> <p>(viii) Investment/Cost of the project is Rs.230 Crores.</p> <p>(ix) During operational phase of the project, persons will get employment opportunities as staff for management, maintenance and security. As an estimate, during operation phase, persons will get marginal employment opportunities, who would work as domestic helpers. This will help in improving the quality of life of economically weaker sections of the local area.</p> <p><i>The Committee deliberated on the proposal and submission made by the Project</i></p>

Proponent. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBBR technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing (Residential & Non Residential and Visitor), gardening & DG Cooling. Excess treated water shall be discharged into Municipal sewer line.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 08 nos. of rain water harvesting recharge pits shall be provided as per CGWB guidelines.
- (v) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 200 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vi) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.
- (vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Ghaziabad Development Authority water supply shall not exceed 294 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 675.07 sqm area shall be provided for green area development.
- (iii) The company shall draw up and implement a corporate social Responsibility plan as per

the Company's Act of 2013.

22.5.12 **Commercial Complex 'Town Central' at Plot No. C-4, Sector-16B, Greater Noida West, Gautam Buddha Nagar, Uttar Pradesh by M/s PKS Buildmart Pvt Ltd - Environmental Clearance (IA/UP/NCP/67239/2017; F. No. 21-306/2017-IA-III)**

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at Plot no. Plot No. C-4, Sector 16B, Greater Noida West, Gautam Buddha Nagar, Uttar Pradesh. Latitude: 28°36'16.27"N, Longitude: 77°26'56.66"E.
- (ii) The project is new. The Town Central Commercial Project (being developed by M/s. PKS Buildmart Pvt. Ltd.) Measures total plot area - 18001.75 sqm (4.448 acre) and built-up area - 1,13,809.37 sqm.
- (iii) 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.
- (iv) During operational phase, total water demand of the project is estimated to be 810 KLD and the same will be met from GNIDA. Wastewater generated 553 KLD will be treated in STP of total 660 KL capacity. About 498 KLD of treated wastewater will be generated which will be used for flushing, horticulture, HVAC Cooling.
- (v) About 3155 kg/day 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.
- (vi) The power will be supplied by Noida Power Company Limited. The maximum power demand will be 5216 kW, which will be supplied through 3 nos. of 2500 kVA transformers.
- (vii) Parking facility for 1449 ECS is proposed to be provided against the requirement of 1440 ECS According to the local Norms.
- (viii) Proposed energy saving measures would save approx.15.66%energy.
- (ix) Surajpur Wetland & natural Forest Approx. 9 km (S)
- (x) There is no court case pending against the project
- (xi) Estimated Cost of the project is Rs. 301.634 Crore.
- (xii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiii) Benefits of the project: Direct & Indirect employment opportunities

The Committee deliberated on the proposal and submission made by the Project Proponent. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the

	<p>construction shall be done in accordance with the local building byelaws.</p> <p>(ii) Sewage shall be treated in the STP based on FAB technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, Horticulture and HVAC Cooling. Excess treated water shall be discharged into Municipal sewer line.</p> <p>(iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.</p> <p>(iv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 05 nos. of rain water harvesting recharge pits shall be provided as per CGWB guidelines.</p> <p>(v) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 200 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.</p> <p>(vi) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.</p> <p>(vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from Greater Noida Authority water supply shall not exceed 312 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 5424.26 sqm area shall be provided for green area development.</p> <p>(iii) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.5.13	<p>“Value Nest” Construction of Residential Apartments at Sy. No. 3/6(P), 82/1(P), 82/2(P), 82/3, 82/4, & 81/3A (P) Kuloor Village, Mangalore Taluk Dakshina Kannada by M/s In-Group Developers LLP - Environmental Clearance (IA/KA/NCP/67253/2017; F. No. 21-307/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is “Value Nest”- Construction of Residential Apartments. The project is</p>

located at 12°55'09.65"N latitude and 74°50'26.30"E longitude.

- (ii) The total Plot area is 23,715.00 sqm. The project will comprise of 6 Residential Buildings + Clubhouse. Built-up area is 61,841.89 sqm and total maximum height of the buildings is 38.10 m.
- (iii) During construction phase, total water requirement is expected to be 100 KLD which will be met by open well and existing bore wells at the project site. During the construction phase, the sewage generating from temporary toilets will be directed to the UGD.
- (iv) During operation phase, total water demand of the project is expected to be approx. 570 KLD and the same will be met by 307 KLD fresh water supply from Mangalore City Corporation and 259 KLD recycled water. Wastewater generated (404 KLD) will be treated in proposed 420 KLD STP. 259 KLD of treated wastewater will be recycled (154 KLD for flushing, 99 KLD for horticulture, 6 KLD for miscellaneous washing). 132 KLD treated water will be stored in to UGD.
- (v) During operation phase, about 1500 kg/day solid wastes will be generated in the project. The biodegradable waste generated will be 750 kg/day. After segregation, based on the requirement for horticulture, required amount of biodegradable waste shall be composted and used as manure for gardening, and non-biodegradable and inert waste (750 kg/day) will be disposed through registered vendors.
- (vi) Total power requirement during construction phase is 100 kVA and total power requirement during operation phase is 1760 kVA, both will be met from Mangalore Electricity Supply Company Limited (MESCOM), Mangalore.
- (vii) Rooftop rainwater of buildings will be collected in Roof Water Collection Sump tank of total 60 KLD capacity for harvesting after filtration and reused for domestic use.
- (viii) Parking facility for 576 four wheelers and 93 two wheelers to be provided against the requirement of 370 car parks and 93 two wheelers respectively.
- (ix) Proposed energy saving measures would save 26.86% of power.
- (x) Eco Sensitive areas located within 10 km radius.

Sr. No.	Designation	Distance from project site (km*)
1	Netravathi river	8.0
2	Gurupur River	2.0
3	Pilikula Biological Park	6.0
4	Sultan Battery Fort	4.0
* aerial distance		

- (xi) There is no case pending against the project.
- (xii) Investment/Cost of the project is Rs. 100 Crore.
- (xiii) Employment potential: Approximately 300 people will get direct employment during construction phase. During operation phase, about 50 people will be employed for maintenance.

The Committee noted that this is a new proposal to be developed in a total plot area of 102741.03 sqm with total Built up area of 95137.36 sqm. The project falls under Category 'B' under item no. 8 (a) i.e. Building and Construction Projects of the schedule of the EIA Notification, 2006. Since SEIAA/SEAC, Karnataka has been re-constituted on 5th September,

2017, the Committee recommended to transfer the proposal to SEIAA, Karnataka and advised the Project Proponent to apply to SEIAA/SEAC, Karnataka for appraisal.

22.5.14 **Existing and Proposed expansion of Darbhanga Medical College and Hospital, District Darbhanga, Bihar by M/s Bihar Medical Services and Infrastructure Corporation Limited - Environmental Clearance (IA/BR/NCP/67293/2017; F. No. 21-308/2017-IA-III)**

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 26° 8'1.93"N Latitude and 85°54'14.93"E Longitude.
- (ii) The project is New/ redevelopment- redevelopment Project
- (iii) Earlier Clearance details, Construction status, if any- Not Applicable
- (iv) The total plot area is 818,070.73 sqm. FSI area is 3,24,257.16 sqm and total construction area of 3,41,655.52 sqm. The project will comprise of only S+7(maximum). Block shall be developed. Maximum height of the building is 24.5 m.
- (v) During construction phase, total water requirement may vary from 24 KLD which will be met by treated water from CSTP/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.
- (vi) During operational phase, total water demand of the project is expected to be 2473 KLD and the same will be met by the 1042 KLD Recycled Water. Wastewater generated (1289 KLD) uses will be treated in STP of capacity 1450 KLD and 100 KLD ETP of treated waste water will be recycled .
- (vii) About 5,142.75kg/day including 502.5 Kg/day solid waste will be generated in the project.
- (viii) The total power requirement is 7875 KVA (6000 KVA for existing Phase and 1875KVA for expansion Phase) and will be met through Darbhanga State electricity board
- (ix) Rooftop rainwater of buildings will be collected in RWH tanks of total 0 Nos.–no RWH pit proposed
- (x) The total parking proposed is 3416 ECS.
- (xi) Proposed energy saving measures would save about more than 1% of power.
- (xii) It is located/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 151.4 (in crore).
- (xv) Employment potential 300 peoples
- (xvi) Benefits of the project Social, Economical and Environmental

During the deliberation, the Committee noted that the existing Hospital Complex consist building having total Built up area of 218429.51 sqm at present. The Committee was also informed that this is a water surplus area. However, the existing complex is being under operation since 1925 before the issuance of EIA Notification. Hence earlier EC was not required. This is an expansion project for which ToR was granted vide letter No. 573 dated: 16.03.2017 by SEAC, Bihar. After detailed deliberations the Committee also suggested the Project proponent to submit the following additional details:

- (i) Detailed Management plan for Solid Waste/Hazardous Waste/Bio Medical Waste be

	<p>submitted.</p> <p>(ii) Compliance of CTE/CTO obtained from Bihar State Pollution Control Board shall be submitted.</p> <p>(iii) A detailed report on compliance to ECBC norms.</p> <p>(iv) Details energy conservation measures to be taken. All points mentioned in the proposal such as orientation to support reduced heat gain, use of ASHRAE 90.1, use of ECBC compliant envelope measures to be supported through drawings and details in the proposal.</p> <p>(v) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, 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 organization of repute and specializing in Transport Planning shall be submitted with the EIA. The Plan to 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>(vi) 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>(vii) The nature of the 03 ponds in the area and the plans for their development.</p> <p>(viii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.</p> <p><i>The proposal was, therefore, deferred till the desired information is submitted.</i></p>
22.5.15	<p>“CORPORATE OFFICE” Film City Project at FC 24C, Sec-16A, Film City, Noida, Uttar Pradesh by M/s Windsor Corporate Tower Private Limited - Environmental Clearance (IA/UP/NCP/67361/2017; F. No. 21-311/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at FC-24C, Sector-16A, Film City, Noida, Uttar Pradesh. Latitude: 28° 34' 16.41" N and longitude: 77° 19'03.18" E</p> <p>(ii) The project is new. The total plot area is 5427.740 sqm. FSI area is 11,888.55 sqm and total construction area of 24,763.75 sqm. Maximum height of the building is 72.375m.</p> <p>(iii) The total water requirement for the construction of Corporate office building Project is estimated to be approx. 124 ML. The water supply during Construction phase will be met through NOIDA Authority. During the construction phase, soak pits and septic tanks are provided for disposal of waste water. Temporary toilets will be provided for labourers.</p> <p>(iv) During operational phase, total water demand of the project is estimated to be 159 KLD and the same will be met by the NOIDA Authority. Wastewater generated (90.5KLD) uses will be treated in STP of total 115 KLD capacity. About 81.5 KLD of treated wastewater will be generated from which 64.5 KLD will be used for flushing, 1.15 KLD for gardening, and 15.85 KLD for HVAC cooling tower make up.</p> <p>(v) About 473 kg/day solid waste will be generated from the project. The biodegradable waste (141.9 kg/day) will be processed in OWC, Inert waste (47.3 kg/day) will be used for land filling and the non-biodegradable waste generated (283.8 kg/day) will be handed</p>

over to vendors.

- (vi) The total power requirement during operation phase is 1852 KW and will be met from Noida Power Corporation Ltd
- (vii) Parking facility for 238 Nos. of four wheelers is proposed to be provided against the requirement of 238 Nos.(according to local norms).
- (viii) Proposed energy saving measures: Energy will be saved using energy efficient lighting fixtures, Electronic Ballast, Timer based lighting and APFC Panel.
- (ix) It is not located within 10 km of Eco Sensitive areas.
- (x) There is no court case pending against the project.
- (xi) Estimated Cost of the project is Rs. 150 Crore.
- (xii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiii) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

The Committee noted that the existing part of the project has plot area 5427.74 sqm and built up area 19964 sqm hence does not fall under purview of EIA Notification, 2006 and no Environmental Clearance was required. The building plan for existing part of the project has been approved by Noida Authority vide letter no. NOIDA/B.C./B.P./V-629/39 dated 12.04.2016. The Project proponent informed that inadvertently the word 'Expansion' is missing in the Form-1. The Committee asked the Project Proponent to submit the same. The Project Proponent submitted the Form-1/1A.

The Committee deliberated on the proposal and submission made by the Project Proponent. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, Horticulture and HVAC Cooling. Excess treated water shall be discharged into Municipal sewer line.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 04 nos. of rain water harvesting recharge pits shall be provided as per CGWB guidelines.
- (v) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and

	<p>inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.</p> <p>(vi) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.</p> <p>(vii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from Noida Authority water supply shall not exceed 77.5 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 1158.82 sqm area shall be provided for green area development.</p> <p>(iii) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p> <p>(iv) Necessary permission shall be obtained from the CGWA before abstraction of any ground water or dewatering for excavation of basements.</p>
22.5.16	<p>Expansion of Educational Institute "IIT Ropar" at Village Bara Phool & Nunowal of Tehsil Rupnagar & Village Gharispur, Bara Surtanpur & Rattanpur of Tehsil Chamkaur Sahib, District Rupanagar, Punjab by M/s IIT Ropar- Environmental Clearance (IA/PB/NCP/67157/2017; F. No. 21-312/2017-IA-III)</p> <p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>
22.5.17	<p>Group Housing "Red Apple Homes" Located at Khasra No. 1108m, 1109m, 1110m, Village Morta, Ghaziabad (U.P.) by M/s Manju J Homes India Ltd - Environmental Clearance (IA/UP/NCP/64199/2016; F.No. 21-184/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at Khasra No.1108m, 1109m and 1110m, Village Morta, Ghaziabad, Uttar Pradesh. Latitude: 28°42'48.1"N and longitude: 77°26'53.4"E</p> <p>(ii) The project is new. The total plot area is 38,663 sqm. The project will comprise of 14 towers. FSI area is 1,25,103.52 sqm and total construction (built-up) area of 1,87,844.51 sqm. Total 1800 No. Dwelling units shall be developed. Maximum height of the building will be 70 m.</p> <p>(iii) During construction phase, water will be required which will be provided by private water tankers/STP. Sewage will be treated and disposed through septic tanks/soak pits. Sanitation facilities will be developed at site.</p> <p>(iv) During operational phase, total water demand of the project is estimated to be approx. 694</p>

KLD and the same will be met from Ground Water/Flushing water. Wastewater generated (570 KLD) will be treated in STP of total 684 KLD capacity. About 456 KLD of treated wastewater will be generated from which 199 KLD will be used for flushing, 9 KLD for gardening, 22 KLD for DG set cooling and remaining 226 KLD will be discharged to external sewer.

- (v) About 3,960 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.
- (vi) The power will be supplied by Uttar Pradesh Power Corporation Limited (UPPCL). The maximum power demand will be 1,011.79 kVA.
- (vii) Parking facility for 2, 666 ECS is proposed to be provided against the requirement of 1870 ECS(according to local norms).
- (viii) Proposed energy saving measures would save approx.25%energy.
- (ix) It is not located within 10 km of Eco Sensitive areas.
- (x) There is no court case pending against the project.
- (xi) Estimated Cost of the project is Rs. 50 Crore.
- (xii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiii) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

The Committee noted that ToR was granted to the project during 296th meeting of SEAC, Uttar Pradesh held on 28th October, 2016. 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture and DG cooling. Excess treated water shall be discharged into Municipal sewer line.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 4 nos. of rain water harvesting recharge pits in addition to 12 nos. storage tanks shall be provided as per CGWB guidelines.

- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 105 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vii) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.
- (viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from GDA water supply shall not exceed 464 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 3046.038 sqm area shall be provided for green belt development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.
- (v) Necessary permission shall be obtained from the CGWA before abstraction of any ground water or dewatering for excavation of basements.

22.5.18 Proposed Group Housing On Khasra No. 7, 9, 10,11,12 At Village Chhajarsi And Plot No GH 09, Ahinsa Khand-2, Indirapuram Ghaziabad U.P. by M/s A.S. Propotech Pvt. Ltd.- Environmental Clearance (IA/UP/NCP/63704/2017; 21-129/2017-IA-III)

The project proponent made a presentation and provided the following information to the Committee:-

- (i) The project is located at 28°30'08.58"N Latitude and 77°22'47.27"E longitude. This is a new project. No clearance has been obtained for the project. The total plot area is 14431.88 sqm, FSI area is 35804.07 sqm and total construction area of 65,865.15 sqm.
- (ii) During construction phase, Drinking water source – Through authorized tankers.
- (iii) During operational phase, total water demand of the project is expected to be 192 KLD

and the same will be met by 136 KLD fresh and 56 KLD treated water from onsite STP. Wastewater generated (150 KLD) uses will be treated in one STP of total 180 KLD capacity. 56 KLD of treated wastewater will be used for flushing, gardening, DG Cooling 65 KLD to be discharge to public sewer with prior permission.

- (iv) About 1.03 TPD solid wastes will be generated in the project. The biodegradable waste (0.62 TPD) will be processed in OWC and the non-biodegradable waste generated (0.41 TPD) will be handed over to authorized local vendor.
- (v) The total power requirement during construction phase will be met through DG sets. Total power requirement during operation phase is 1900 KW and will be met from Uttar Pradesh Power Corporation Ltd (UPPCL)
- (vi) Rooftop rainwater of buildings will be recharged through 04 RWH recharge pits for harvesting after filtration.
- (vii) Parking facility for 615 four wheelers is proposed to be provided against the requirement of 538 (according to local norms). Proposed energy saving measures would save about 4 % of power. No Eco sensitive zone within 10 km of the project site.
- (viii) No Court case is pending against the project.
- (ix) Investment/Cost of the project is Rs. 92 Crores.
- (x) During operational phase of the project, persons will get employment opportunities as staff for management, maintenance and security. As an estimate, during operation phase, persons will get marginal employment opportunities, who would work as domestic helpers. This will help in improving the quality of life of economically weaker sections of the local area.

The Committee deliberated on the proposal and submissions made by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture and DG cooling. Excess treated water shall be discharged into Municipal sewer line.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 4 nos. of rain water harvesting recharge pits shall be provided as per CGWB

	<p>guidelines.</p> <p>(vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. As proposed 130 sqm space shall be provided for OWC. The inert waste from group housing project will be sent to dumping site.</p> <p>(vii) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.</p> <p>(viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from GDA water supply shall not exceed 136 KLD.</p> <p>(ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 1745.193 sqm area shall be provided for green area development.</p> <p>(iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.5.19	<p>Proposed Mixed Land Use Colony (70% Residential and 30% Commercial) on the land measuring 14.4125 Acres in Revenue Estate of village Maidawas and Badshahpur, Sector 65 of GMUC, Gurugram by M/s Mangalam Multiplex Pvt Ltd - Environmental Clearance (IA/HR/NCP/63937/2017; F. No. 21-167/2017-IA-III)</p> <p>(i) The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(ii) The project is located at 28°24'17.64"N Latitude and 77°03'55.18"E longitude. This is a new project. No clearance has been obtained for the project. The total plot area is 58,325.22 sqm, FSI area is 204138.00 sqm and total construction area of 3,47,194.85 sqm.</p> <p>(iii) During construction phase, Drinking water source – Through authorized tankers.</p> <p>(iv) During operational phase, total water demand of the project is expected to be 1499 KLD</p>

and the same will be met by 684 KLD fresh and 815 treated water. Wastewater generated (1016 KLD) uses will be treated in one STP of total 1220 KLD capacity. 815 KLD of treated wastewater will be used for flushing, gardening, DG Cooling & HVAC.

- (v) About 4.43 TPD solid wastes will be generated in the project. The biodegradable waste (2.46 TPD) will be processed in OWC and the non-biodegradable waste generated (1.97 TPD) will be handed over to authorized local vendor.
- (vi) The total power requirement during construction phase will be met through DG sets. Total power requirement during operation phase is 9575 KW and will be met from Dakshin Haryana Bijli Vitran Nigam Limited (DHBVNL)
- (vii) Rooftop rainwater of buildings will be recharged through 10 RWH recharge pits for harvesting after filtration.
- (viii) Parking facility for 2750 four wheelers is proposed to be provided against the requirement of 1658 (according to local norms). Proposed energy saving measures would save about 5.6 % of power.
- (ix) No Eco sensitive zone within 10 km of the project site.
- (x) No Court case is pending against the project.
- (xi) Investment/Cost of the project is Rs. 650 Crores.
- (xii) During operational phase of the project, persons will get employment opportunities as staff for management, maintenance and security. As an estimate, during operation phase, persons will get marginal employment opportunities, who would work as domestic helpers. This will help in improving the quality of life of economically weaker sections of the local area.

The Committee deliberated on the proposal and submissions made by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, gardening, DG Cooling & HVAC. As proposed no treated water shall be discharged into Municipal sewer line.
- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 10 RWH recharge pits for harvesting after filtration shall be provided as per

	<p>CGWB guidelines.</p> <p>(vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. As proposed 300 sqm space shall be provided for OWC. The inert waste from group housing project will be sent to dumping site.</p> <p>(vii) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.</p> <p>(viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.</p> <p>II. Operational Phase</p> <p>(i) Fresh water requirement from Municipal water supply shall not exceed 684 KLD.</p> <p>(ii) Necessary permission shall be obtained from the CGWA before abstraction of any ground water or dewatering for excavation of basements.</p> <p>(iii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 8749 sqm area shall be provided for green area development.</p> <p>(iv) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.</p> <p>(v) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.</p>
22.5.20	<p>Modification of Group Housing Project, Plot No. GH-A (GH-6 to GH-13), Housing Sector, Talanagri Industrial Area, Aligarh, Uttar Pradesh by M/s Ozone Promoters Pvt Ltd - Environmental Clearance (IA/UP/NCP/66017/2017; F. No. 21-286/2017-IA-III)</p> <p>The project proponent made a presentation and provided the following information to the Committee:-</p> <p>(i) The project is located at Plot No. GH-A (GH-6 to GH-13), Housing Sector, Talanagri Industrial Area, Aligarh, Uttar Pradesh. Latitude 27°55'46.74"N and Longitude 78°07'43.49"E.</p> <p>(ii) The total plot area is 10,665 sqm with total construction (built-up) area of 33,721 sqm.</p>

- (iii) During construction phase, total water requirement is expected to be 169 MLD which will be met from private tanker.
- (iv) During operational phase, total water demand of the project is estimated to be 160.5 KLD. The water supply will be fulfilled by Municipal Supply. Wastewater generated (122 KLD) will be treated in STP of total 150 KLD capacity. About 110 KLD of treated wastewater will be generated from which 43 KLD will be used for flushing, 15 KLD for horticulture, 3.5 KLD for DG cooling and remaining 48.5 KLD will be discharged to external sewer.
- (v) About 852 kg/day solid waste will be generated from the project. The biodegradable waste (511.2 kg/day) will be processed in OWC and the non-biodegradable waste generated (340.8 kg/day) will be handed over to authorised vendors.
- (vi) The total power requirement during operation phase is 833.66 kVA which will be met from State Electricity Board.
- (vii) Parking facility for 402 ECS is proposed to be provided against the requirement of 398ECS (according to local norms).
- (viii) Proposed energy saving measures, Solar Street Lights, BEE Star rated lights for internal and external use and minimum of 50% hot water requirement shall be met by solar water heating systems.
- (ix) Project is not located within 10 km of Eco Sensitive areas.
- (x) There is no court case pending against the project.
- (xi) Estimated Cost of the project is Rs. 42.875 Crore.
- (xii) Employment potential: The project will provide direct and indirect employment opportunities in the area, thereby improving quality of life.
- (xiii) Benefits of the project: The project will provide state-of-the-art housing facility and direct and indirect employment opportunities in the area, thereby improving quality of life.

During deliberation, the Committee noted that Environmental Clearance was granted to the project by SEIAA, Uttar Pradesh vide letter No. 250/Parya/SEAC/3535/2015 dated 14.09.2016 for plot area 10,665 sqm and built-up area 34,892.251 sqm. Post modification the built-up area will reduce to 33,721 sqm whereas plot area remains the same. The EAC also took cognizance of letter No. VII/Env/SCL-UP/1708/2017/174 dated 11.09.2017 issued by the Regional Office of MoEF&CC (CR), Lucknow wherein it is stated that compliance status of the stipulated conditions in the earlier EC are found as satisfactory as no work has been initiated at the site.

The Committee deliberated on the proposal and submissions made by the project proponent and 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:

SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Sewage shall be treated in the STP based on MBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture and DG cooling. Excess treated water shall be discharged into Municipal

sewer line.

- (iii) A certified report on the sources and availability of water from the local body supplying water along with the permission received by them for the same should be obtained and submitted with the first compliance report.
- (iv) Excess treated water can also be reused through roadside plantations, in forestry or for dust suppression in consultation with the local Body concerned and /or the Forest Department.
- (v) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 3 nos. of rain water harvesting recharge pits in addition to 1 no of rain water harvesting tanks shall be provided as per CGWB guidelines.
- (vi) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed 130 sqm space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (vii) Apart from the traffic impact assessment study as submitted, an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project or otherwise, 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. The Company will give land for widening of roads if required.
- (viii) Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016.

II. Operational Phase

- (i) Fresh water requirement from Municipal water supply shall not exceed 99 KLD.
- (ii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 2969.16 sqm area shall be provided for green area development.
- (iii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
- (iv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

**LIST OF PARTICIPANTS OF EAC (INFRASTRUCTURE-2) IN 22nd MEETING OF EAC
(INFRASTRUCTURE-2) HELD ON 11-13 SEPTEMBER, 2017**

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