

**MINUTES OF THE 35TH EXPERT APPRAISAL COMMITTEE (INFRASTRUCTURE-2)
MEETING HELD DURING 29-31 OCTOBER, 2018**

Venue: Brahmaputra (1st Floor Vayu Wing)/Sutluj (Ground Floor, Jal Wing), Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, JorBagh Road, New Delhi - 3.

Day 1: Monday, 29th October, 2018

Time: 10:00 AM

35.1 Opening Remarks of the Chairman

35.2 Confirmation of the Minutes of the 34th Meeting of the EAC held on 24-26 September, 2018 at New Delhi.

The minutes of the 34th Meeting of the EAC (Infra-2) held on 24-26 September, 2018 were confirmed. Following correction were made in the minutes of 32nd meeting held on 2-4 July, 2018, 33rd meeting of the EAC held on 9-10 August, 2018 and 34th Meeting of the EAC held on 24-26 September, 2018.

Agenda item No./ Date of meeting	Minuting	Correction/To be read as
33.3.10 of 33 rd meeting held on 9 - 10 August, 2018 (IA/OR/MIS/67364/2017; F.No. 10-53/2017-IA-III)	<i>Specific Condition point (xxii)</i> As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1 st May 2018, and proposed by the project proponent, an amount of Rs. 0.805 Crores (@2% of project Cost) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation for drinking water supply, sanitation, education and skill development. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.	<i>Specific Condition point (xxii)</i> As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1 st May 2018, and proposed by the project proponent, an amount of Rs. 0.161 Crores (@2% of project Cost) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation for drinking water supply, sanitation, education and skill development. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.
34.5.10 of 34 th meeting held on 24 - 26 September, 2018 (IA/UK/MIS/75682/2017; F.No. 10-60/2017-IA-III)	Project brief point (viii) The total water demand for the airport during operational phase is estimated be 285.7 KLD out of which fresh water will be 150 KLD which will be sourced from ground water. Total wastewater generation will be 142.8 KLD. The entire wastewater of 142.8 KLD will be treated in a well-designed MBBR Sewage Treatment Plant of 175 KLD capacity and the treated water will be used for flushing and landscaping purpose.	Project brief point (viii) Total water demand for the airport during operational phase is estimated be 250.4 KLD out of which fresh water will be 54.9 KLD which will be sourced from ground water. 140 KLD of treated water will be sourced from onsite STP 55.5 KLD of treated water will be sourced from surrounding areas. Total wastewater generation will be 145.2, which will be treated in a well-designed MBBR Sewage Treatment Plant of 175 KLD capacity and the treated water will be used for flushing, landscaping and HVAC cooling purposes.
34.5.10 of 34 th meeting held on 24	Project brief point (x)	Project brief point (x)

<p>- 26 September, 2018 (IA/UK/MIS/75682/2017; F.No. 10-60/2017-IA-III)</p>	<p>The biodegradable portion of MSW will be treated at site by 1 Organic Waste Converters of 1000 kg per day capacity and manure generated will be used for plantation. Recyclable waste will be disposed-off by selling. Inert waste will be sent to MSW Disposal sites for land fill. Hazardous waste shall be disposed in accordance with Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016.</p>	<p>Total solid waste generation will be 1.9 MT per day. The biodegradable portion of MSW (0.94 MT/day) will be treated at site by 1 Organic Waste Converters of 1000 kg per day capacity and manure generated will be used for plantation. Recyclable waste will be disposed-off by selling. Inert waste will be sent to MSW Disposal sites for land fill. Hazardous waste shall be disposed in accordance with Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016.</p>
<p>34.5.10 of 34thmeeting held on 24 - 26 September, 2018 (IA/UK/MIS/75682/2017; F.No. 10-60/2017-IA-III)</p>	<p>Project brief point (xii) Employment potential: The facility will generate direct & indirect employment opportunities for the local skilled, semiskilled & unskilled staffs/labours after the expansion of proposed project. Contractual employment for another 500 (approx.) people is estimated during construction phase, and 100 additional people during the operational phase.</p>	<p>Project brief point (xii) Employment potential: The facility will generate direct & indirect employment opportunities for the local skilled, semiskilled & unskilled staffs/labours after the expansion of proposed project. Contractual employment for another 400 (approx.) people is estimated during construction phase, and 100 additional people during the operational phase.</p>
<p>34.5.10 of 34thmeeting held on 24 - 26 September, 2018 (IA/UK/MIS/75682/2017; F.No. 10-60/2017-IA-III)</p>	<p><i>Specific Condition point (xi)</i> As proposed, total fresh water requirement of 150 KLD will be met through ground water with prior permission from CGWB.</p>	<p><i>Specific Condition point (xi)</i> As proposed, total fresh water requirement of 54.9 KLD will be met through ground water with prior permission from CGWB.</p>
<p>32.3.9 of 32ndmeeting held on 02 - 04 July, 2018 and, 34.4.2 of 34thmeeting held on 24 - 26 September, 2018 (IA/RJ/NCP/74759/2018; F.No. 21-49/2018-IA-III)</p>	<p><i>Project brief point (iv)</i> During operational phase, total water demand of the project is expected to be 769KLD (Fresh water 370 KLD & Recycled water 399 KLD) and fresh water will be met by Bore well. Wastewater generated (443 KLD) will be treated in two STPs of cumulative capacity 500 KLD capacity (250 KLD each). 443 KLD of treated wastewater will be recycled (154 KLD for flushing, 150 KLD for gardening and 92 KLD for the makeup of chillers). About 56 KLD will be disposed in to municipal drain.</p>	<p><i>Project brief point (iv)</i> During operational phase, total water requirement of the project is expected to be 769 KLD (Fresh water-370 KLD & Treated waste water 399 KLD) and fresh water will be met from PHED water supply. Wastewater generated (443 KLD) will be treated in STP of 275 KLD capacity and ETP of 225 KLD capacity. 399 KLD of treated wastewater will be recycled (157 KLD for flushing, 150 KLD for gardening and 92 KLD for the makeup of chillers).</p>
<p>32.3.9 of 32ndmeeting held on 02 - 04 July, 2018 and, 34.4.2 of 34thmeeting held on 24 - 26 September, 2018 (IA/RJ/NCP/74759/2018; F.No. 21-49/2018-IA-III)</p>	<p><i>Project brief point (v)</i> About 2.14 TPD solid wastes will be generated in the project. The biodegradable waste (0.75 TPD) will be processed in OWC and the non-biodegradable waste generated (0.83 TPD) will be handed over to authorized local vendor and biomedical waste (0.5 TPD) will be sent to nearest CBWTF.</p>	<p><i>Project brief point (v)</i> About 2.13 TPD solid wastes will be generated in the project. The biodegradable waste (0.76 TPD) will be processed in OWC and the non-biodegradable waste generated (0.84 TPD) will be handed over to authorized local vendor and biomedical waste (0.53 TPD) will be sent to nearest CBWTF.</p>
<p>32.3.19 of 32ndmeeting held on 02 - 04 July, 2018 (IA/RJ/NCP/75258/2018; F.No. 21-58/2018-IA-III)</p>	<p><i>Project brief point (iv)</i> During operational phase, total water demand of the project is expected to be 643KLD (Fresh: 470 KLD & Treated: 173 KLD) and fresh water will be met by Bore well and 173 KLD Recycled Water. Wastewater generated (546 KLD) will be treated in the STP of capacity 650 KLD capacity. 443 KLD of treated wastewater will be recycled (170 KLD for flushing, 3 KLD for gardening). About 318 KLD will be disposed in to municipal drain.</p>	<p><i>Project brief point (iv)</i> During operational phase, total water requirement of the project is expected to be 643 KLD (Fresh water-470 KLD & Treated waste water 173 KLD) and the 470 KLD fresh water will be met by PHED water supply and 173 KLD from recycled water. Wastewater generated (546 KLD) will be treated in STP of 650 KLD capacity.443 KLD of treated wastewater will be recycled (170 KLD for flushing, 3 KLD for gardening). About 318 KLD will be disposed in to municipal drain.</p>

34.5.8 of 34 th meeting held on 24 - 26 September, 2018 (IA/RJ/NCP/75258/2018; F.No. 21-58/2018-IA-III)	<i>Specific Condition point (vi)</i> Fresh water requirement from PHED supply shall not exceed 470 KLD.	<i>Specific Condition point (vi)</i> Fresh water requirement from PHED supply shall not exceed 470 KLD, with prior permission of PHED. No ground water shall be used in any stage.
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35.3 Consideration of Proposals

35.3.1	<p>Proposed capacity enhancement of Secured Landfill Facility (SLF) from 10 to 20 lacs MT at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at Survey No. 1244/1, 1437/1, 1430/1 & 1510/1, Village Majra, P.O. Dabhota, Tehsil Nalagarh, Himachal Pradesh by M/s Shivalik Solid Waste Management Ltd - Terms of Reference</p> <p>(IA/HP/MIS/78530/2018; F.No.10-73/2018-IA-III)</p> <p>The project proponent gave a detailed presentation on the salient features of the project and informed that:</p> <ol style="list-style-type: none"> (i) The Proposed project is capacity enhancement of secured landfill facility at existing TSDF site, falls under Category A, schedule 7(d) of the EIA Notification, dated 14th September, 2006 and subsequent amendments dated 1st December, 2009 & 4th April, 2011. Project falls under Category "A" due to Interstate boundary of Himachal Pradesh and Punjab falls within 2.47 Km (Aerial Distance) and 4.5 km (Road distance) from the proposed site. (ii) Due to growth in the chemical Industries, the production of hazardous waste has been increased in the area therefore it is proposed to enhance the capacity of SLF from 10 Lac MT to 20 lacs MT at Village Majra, Post Office Dabhota, Tehsil Nalagarh, District Solan, Himachal Pradesh. Total land area is 35 Acre (141,610 sqm); out of this area about 20 m wide green belt is maintained along the periphery of site area. Shivalik Solid Waste Management Ltd looks forward to carry out the tree plantation activities outside the premises at appropriate places in the nearby area. (iii) Maximum water consumption will be total 20 KLD. That will be made available from existing bore well. (iv) Leachate/Effluent from landfill will be treated in the existing Multiple Effect Evaporator (MEE) plant. (v) Solid waste generated during the wastewater treatment process is MEE mainly sludge/residue which is generated depending upon the effluent characteristics and hydraulic load. Sludge/Residue is disposed of in landfill of TSDF. The decontaminated plastic waste is sent for recycling to authorized recycler. Management of municipal solid waste from office, canteen, etc. is done as per Solid Waste Management Rules, 2016 and amended thereof. (vi) The power requirement is 373 KW. In case of power failure, 1 D.G. Set of 100 KVA capacity is available to fulfill the requirement. (vii) There are no national park and eco sensitive zone within 10 km from the proposed site. The project does not involve with any forest land. (viii) The open space inside the project area will be covered with the vegetation of
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indigenous variety. Total 35 acre land area is available at site; out of this area about 20 m wide green belt is maintained along the periphery of site area. Shivalik Solid Waste Management Ltd has been carrying out the tree plantation activities outside the premises at appropriate places in the nearby area.

- (ix) The estimated cost of the Project is approximately Rs. 22 crores.
- (x) Benefit of the project: Positive impact on environment in terms of long term management of hazardous waste in the region. Aesthetics of the area will improve.
- (xi) Employment Potential: More employment opportunities will be created. The labors and workers will be hired from nearby villages. Total 80 workers are working in the unit presently and there is no need to hire more personnel for proposed expansion.

The EAC noted the following:-

- (i) The proposal is for Terms of Reference to the project Proposed capacity enhancement of Secured Landfill Facility (SLF) from 10 to 20 lacs MT at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at Survey No. 1244/1, 1437/1, 1430/1 & 1510/1, Village Majra, P.O. Dabhota, Tehsil Nalagarh, Himachal Pradesh by M/s Shivalik Solid Waste Management Ltd.
- (ii) The project/activity is covered under category A of item 7(d) 'Common hazardous waste treatment, storage and disposal facilities (TSDFs)' of the Schedule to the EIA Notification, 2006 and its amendments, and requires appraisal at Central level by sectoral EAC.
- (iii) The proposal is for capacity enhancement of existing Secured Landfill Facility (SLF) (which was established prior to 2006) from 10 to 20 lacs MT.

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) The E.I.A. would address to the conformity of site to the stipulations as made in the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and will have a complete chapter indicating conformity to the said rules.
- (iii) Project proponents would also submit a write up on how their project proposal conform to the stipulations made in the "Protocol for Performance evolution and monitoring of the Common Hazardous Waste Treatment Storage and Disposal facilities including common Hazardous Waste incinerators", published by the CPCB on May 24, 2010.
- (iv) Compliance to the conditions of the consent to operate and authorization for the existing facilities. The EIA will discuss the compliance to the Pollution Control Laws and the notifications under the E.P. Act 1986 and get a certified report from the Pollution Control Board.
- (v) Details of various waste management units with capacities for the proposed project.
- (vi) List of waste to be handled and their source along with mode of transportation.

- (vii) Other chemicals and materials required with quantities and storage capacities.
- (viii) Details of temporary storage facility for storage of hazardous waste at project site.
- (ix) Details of pre-treatment facility of hazardous waste at TSDF.
- (x) Details of air emissions, effluents, hazardous/solid waste generation and their management.
- (xi) Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (xii) Process description along with major equipments and machineries, process flow sheet (quantitative) from waste material to disposal to be provided.
- (xiii) Hazard identification and details of proposed safety systems.
- (xiv) Details of Drainage of the project up to 5 km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided.
- (xv) Ground water quality monitoring in and around the project site.
- (xvi) The Air Quality Index shall be calculated for base level air quality.
- (xvii) Status of the land purchases in terms of land acquisition Act and study the impact.
- (xviii) Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- (xix) R&R details in respect of land in line with state Government policy.
- (xx) Details of effluent treatment and recycling process.
- (xxi) Leachate study report and detailed leachate management plan to be incorporated.
- (xxii) Action plan for measures to be taken for excessive leachate generation during monsoon period.
- (xxiii) Detailed Environmental Monitoring Plan.
- (xxiv) Action plan for any pollution of ground water is noticed during operation period or post closure monitoring period.
- (xxv) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (xxvi) The EMP would also include proposals for creating a solar Power generation farm.
- (xxvii) A detailed Plan for green belt development. Impact of tree felling, if any, along with a management plan.
- (xxviii) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (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

	<p>tabular chart with financial budget for complying with the commitments made.</p> <p>(xxx) The project proponents shall satisfactorily address to all the complaints/suggestions that have been received against the project till the date of submission of proposals for Appraisal.</p> <p>(xxxii) 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.</p> <p>(xxxiii) The project proponents shall satisfactorily address to all the complaints/suggestions that have been received against the project till the date of submission of proposals for Appraisal.</p> <p>(xxxiiii) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.</p> <p>(xxxv) A tabular chart with index for point wise compliance of above ToRs.</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>
<p>35.3.2</p>	<p>Redevelopment of GPRA Colony at Srinivaspuri, Delhi by M/s Central Public Works Department - Terms of Reference (IA/DL/NCP/75890/2018; F.No.21-99/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Aplinka Solutions & Technologies Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project is located at 28°34'6.319"N latitude and 77°15'25.206"E longitude.</p> <p>(ii) The project is redevelopment of GPRA Colony Srinivaspuri, Delhi.</p> <p>(iii) Central Public Works Department (Redevelopment Project Division I) has planned for the Redevelopment of GPRA Colony measuring 73.2 acres of land at Srinivaspuri, New Delhi. Earlier, the Residential Colony consisted of Type I, Type II and Type III residential buildings and other social infrastructures such as Shops, Markets, Schools, Health Centers, Temples etc. These buildings/structures are to be demolished and in place of it; Residential buildings of Type II, Type III, Type IV, Type V and Type VI are proposed to be constructed along with other social Infrastructure as temple, shopping complex, office buildings, dispensary etc. Only one temple of built up area 2680 sq. m from the existing building will be retained.</p> <p>(iv) The total plot area is 2,95,420.50 sqm. FSI area 5,42,380.53 sqm and total construction (built-up) area after redevelopment including FAR and Non-FAR will be approx. 9,39,484.79 sqm. The project will comprise of Residential and Non Residential Buildings. Total 5032 flats shall be developed.</p> <p>(v) During construction phase, total water requirement is expected to be 20 KLD for drinking purpose which will be met by private water tanker. During the construction</p>

phase, septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided.

- (vi) During operational phase, total water demand of the project is expected to be 3593 KLD and the same will be met by 1936 KLD fresh water from Delhi Jal Board and 1657 KLD recycled water. Wastewater generated (2312 KLD) will be treated in in-house STP of 2700 KLD capacity (will be installed in phase wise manner). 1850 KLD of treated wastewater will be recycled 763 KLD for flushing, 894 KLD for landscaping; outside disposal (193 KLD).
- (vii) About 16.47 TPD solid wastes will be generated in the project. The biodegradable waste 9.88 TPD will be processed in OWC and the non-biodegradable waste generated 4.94 TPD will be handed over to authorized local vendor.
- (viii) The total power requirement during operation phase is 27,849 KW and will be met from BSES Rajdhani Power Limited.
- (ix) Rooftop rainwater of buildings will be collected and recharged through proposed 61 Rainwater Harvesting pits.
- (x) Parking facility for 7477 ECS is proposed to be provided against the requirement 10,900 ECS (as per the MoEF&CC/ MPD - 2021 norms).
- (xi) It is located within 10 km of any Eco Sensitive areas. (Okhla Bird Sanctuary ESZ - 3.5 Km E; Asola Bhati Wildlife Sanctuary ESZ - 6.5 Km S). ESZ of both the sanctuaries have been demarcated and notified. NBWL Clearance is not required.
- (xii) Approx 750 trees will be cut/ relocated with permission of Forest Department.
- (xiii) No forest Clearance required.
- (xiv) Court Case is pending against the project.
- (xv) Investment/Cost of the project is Rs. 3000 Crores.
- (xvi) Employment potential: Approx 500 Personnel during operation.
- (xvii) Benefits of the project: Project will help to accommodate the growing population of Delhi in particularly Srinivaspuri.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project "Redevelopment of GPRA Colony at Srinivaspuri, Delhi by M/s Central Public Works Department on a total plot area of 2,95,420.50 sqm and built-up area of 9,39,484.79 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

During the deliberation, the project proponent informed the Committee that as tree cutting was involved in this project as well apart from other GPRA Colonies, Delhi High court has ordered CPWD and NBCC regarding the change in planning of all the 6 out of 7 GPRA Colonies and as per the order of Hon'ble High Court of Delhi, planning had to be revised and affidavit in this regard has been submitted in the court. As per the submitted planning following changes have been made by the project proponent:

S. No.	Particulars	As per Previous planning	As per Revised planning
1.	No. of Affected Trees	1336 (to be cut)	1239 (Trees shall be translocated)

There are 2763 trees present at the project site out of this 1239 trees will be translocated within the site itself, Tree cutting shall be prevented to the maximum extent and remaining trees will be merged with proposed landscape plan. It was submitted to plant more than one million trees (fruit bearing/ flowering/ other green trees) in different parts of Delhi during the current Monsoon season by NBCC, CPWD, DDA and DMRC. Accordingly Central Public Works Department has planted 51,851 plants as of now and plantation is still going on.

The Committee noticed that the project proponent in its application/Form-1 has mentioned that Approx 750 trees will be cut/ relocated with permission of Forest Department. However after the order of Hon'ble Court the number of trees to be cut/relocated despite of decreasing got increase. The Committee asked the project proponent to submit revised form-1/1-A and conceptual plan ensuring minimum cutting/translocation of existing trees as per the order of Hon'ble High Court of Delhi.

In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.

35.3.3

Development of Commercial Building at Plot No. LP-1B-03, Gateway District, Aerocity, Indira Gandhi International Airport, New Delhi by M/s Delhi International Airport Limited - Terms of Reference

(IA/DL/NCP/76088/2018; F.No.21-90/2018-IA-III)

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

- (i) The proposal is for grant of Terms of Reference to the project 'Development of Commercial Building' as LP-1B-03 at Gateway District of Aerocity, IGI Airport, New Delhi by M/s Delhi International Airport Limited on a net plot area of 31,944 sqm and total built up area of 4,29,214 sqm.
- (ii) The project envisages construction of 02 building blocks of 8B+LG+G+9 floors having. Max. Height of the Building will be 40.003 m.
- (iii) A total of 3,195 sqm (10% of plot area) is to be developed as landscape area.
- (iv) Total population of the proposed project will be 30,756 persons which include the population of 16,299 working, 14,294 floating and 163 Service Personnel.
- (v) The total water requirement for the entire project has been estimated to be 1438 KLD. This includes domestic water requirement, flushing, DG cooling, HVAC and landscaping. The total fresh water requirement for the entire project is 665 KLD which includes domestic water requirement. The 773 KLD water requirement for flushing, DG cooling, HVAC and landscaping will be met through treated water from STPs 1050 KLD.
- (vi) Total waste water generation from entire project will be 859 KLD which will be treated in onsite STP of 1050 KLD. The 773 KLD treated water from onsite STPs will be recycled and re-used for flushing, DG cooling, HVAC and landscaping.

- (vii) The domestic solid waste will be generated by the project will pertain to the Bio-degradable & Non-biodegradable Waste. It is estimated that maximum solid waste generation from entire project would be about 5.57 TPD for the proposed project and 299.5 kg of sludge will be generated from the proposed project.
- (viii) The total electrical load demand has been estimated to be 16000 KVA for the proposed project. The source of power will be from BSES.
- (ix) In case of power failure, DG sets of total capacity of 3000 KVA for the proposed project will be provided as power back-up.
- (x) The project site consists of mainly shrubs, bushes and grasses and requires clearance prior to start of construction. Tree survey of entire area is ongoing and the outcome of the survey will decide if any tree needs to be relocated/cut.
- (xi) Total project cost is Rs. 830 Crores.
- (xii) Employment potential: There will be generation of employment during development & operation phase.
- (xiii) Benefits of the project: People of this area as well as from other areas will be benefitted by the proposed development.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project "Development of Commercial Building at Plot No. LP-1B-03, Gateway District, Aerocity, Indira Gandhi International Airport, New Delhi by M/s Delhi International Airport Limited on a total plot area of 31,944 sqm and built-up area of 4,29,214 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

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

- (i) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) The EIA should examine the possibilities of net zero energy consumption.
- (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vi) 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

	<p>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 permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(x) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(xi) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.</p>
<p>35.3.4</p>	<p>Development of Commercial Building at Plot No. LP-1B-04, Gateway District of Aerocity, Indira Gandhi International Airport, New Delhi by M/s Delhi International Airport Limited - Terms of Reference (IA/DL/NCP/76089/2018; F.No.21-91/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The proposal is for grant of Terms of Reference to the project 'Development of Commercial Building' as LP-1B-04 at Gateway District of Aerocity, IGI Airport, New Delhi M/s Delhi International Airport Limited on a net plot area of 18,695 sqm and total built up area of 2,46,905 sqm.</p> <p>(ii) A total of 1,870 sqm (10% of plot area) is to be developed as landscape area.</p> <p>(iii) The project envisages construction of 2 building blocks of 8B+LG+G+9 floors having. Max. Height of the Building: 40.003 m.</p> <p>(iv) Total population of the proposed project will be 18,457 persons which include the population of 9,780 working, 8,577 floating and 100 Service Personnel.</p> <p>(v) The total water requirement for the entire project has been estimated to be 864 KLD. This includes domestic water requirement, flushing, DG cooling, HVAC and landscaping. The total fresh water requirement for the entire project is 400 KLD which includes domestic water requirement. The 464 KLD water requirement for flushing, DG cooling, HVAC and landscaping will be met through treated water from STPs 620 KLD.</p> <p>(vi) Total waste water generation from entire project will be 515 KLD which will be treated in onsite STP of 620 KLD. The 464 KLD treated water from onsite STPs will be recycled and re-used for flushing, DG cooling, HVAC and landscaping.</p> <p>(vii) The domestic solid waste will be generated by the project will pertain to the Bio-</p>

degradable & Non-biodegradable Waste. It is estimated that maximum solid waste generation from entire project would be about 3.32 TPD for the proposed project and 146.78 kg of sludge will be generated from the proposed project.

- (viii) The total electrical load demand has been estimated to be 10,000 KVA for the proposed project. The source of power will be from BSES.
- (ix) In case of power failure, DG sets of total capacity of 2500 KVA for the proposed project will be provided as power back-up.
- (x) The project site consists of mainly shrubs, bushes and grasses and requires clearance prior to start of construction. Tree survey of entire area is ongoing and the outcome of the survey will decide if any tree needs to be relocated/cut.
- (xi) Total project cost is Rs. 480 Crores.
- (xiv) Employment potential: There will be generation of employment during development & operation phase.
- (xv) Benefits of the project: People of this area as well as from other areas will be benefitted by the proposed development.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project "Development of Commercial Building at Plot No. LP-1B-04, Gateway District of Aerocity, Indira Gandhi International Airport, New Delhi by M/s Delhi International Airport Limited on a total plot area of 18,695 sqm and built-up area of 2,46,905 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

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

- (i) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) The EIA should examine the possibilities of net zero energy consumption.
- (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vi) 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

	<p>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 permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(x) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(xi) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.</p>
<p>35.3.5</p>	<p>Development of New Civil Enclave at Kanpur Air Force Base, Uttar Pradesh by M/s Airports Authority of India, Kanpur - Terms of Reference (IA/UP/MIS/81283/2018; F.No.10-74/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s ABC Techno Labs gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The proposal is for grant of Terms of Reference o the project 'Development of New Civil Enclave' adjacent to Kanpur Air Force Base in Uttar Pradesh. The project is green field project.</p> <p>(ii) Project site will be located at Latitude 26°24'0.91"N and Longitude 80°25'37.37"E.</p> <p>(iii) New Terminal Civil Enclave will be located on 50 Acres land, out of which 38.99 Acres land has been handed over by State Government to Airports Authority of India.</p> <p>(iv) The New Terminal building will cover 6,250 sqm area (Peak Hour Capacity 300 passengers, 150 Arrival and 150 Departure) with car parking for 150 cars and 2 Buses.</p> <p>(v) The dimension of Link Taxiway will be 400 m x 18 m with shoulders width 3.5 m</p> <p>(vi) Apron dimension will 146.5 m x 120 m, suitable for the parking of 3 nos. of A 321 type aircraft with 3.5 m wide shoulders all around the apron.</p> <p>(vii) Fresh water requirement for the proposed civil enclave will be 119 KLD for domestic purpose and will be met from ground water sources after obtaining permission from CGWA. 107 KLD waste water will be generated from the proposed civil enclave and will be treated in 125 KLD capacity sewage treatment plant. For HVAC and green belt/landscaping treated water from STP will be utilized.</p> <p>(viii) No water body will be affected by the proposed civil Enclave. Ganga River is flowing at a distance of 1.4 km from the site of proposed Civil Enclave.</p> <p>(ix) Solid waste generated at the proposed Civil Enclave will be 365kg/day and disposed</p>

as per Solid Management Rules, 2016.

- (x) Power requirement of 425 KW met through grid supply.
- (xi) Rainwater Harvesting will be provided as CGWA guidelines.
- (xii) Car parking will be provided for 150 cars and 2 Bus.
- (xiii) No forest land is involved in the site for proposed civil enclave.
- (xiv) There is no ecological sensitive area, biosphere, state or state/international boundary within 10 km distance from site for the proposed civil enclave.
- (xv) The estimated cost of development of the proposed Civil Enclave is Rs. 168 Crores.
- (xvi) Employment potential: 200 personnel directly and 1000 personnel indirectly during construction phase. 120 personnel directly and 600 personnel indirectly during operation phase.
- (xvii) Project benefits: Better infrastructure facilities for Air Passengers, Employment opportunity to the people, More business and industrial opportunities, Increase in economy as it will boost tourism, trade and commercial activities in the region, Generation of more revenue to the state, hence more development of the region.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project 'Development of New Civil Enclave at Kanpur Air Force Base, Uttar Pradesh by M/s Airports Authority of India, Kanpur.
- (ii) The project/activity is covered under category 'A' of item 7 (a) i.e. 'Airports' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level by sectoral EAC.

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) The E.I.A. will give a justification for land requirements along with a comparison to the guidelines established by the Airport Authority of India/Ministry of Civil Aviation in this regards.
- (iii) The E.I.A. will give a complete status and compliance report with regards to any earlier E.C. granted and permissions and consents from the Pollution Control Boards and CGWA clearance issued for the existing facilities.
- (iv) Copy of Consent for Establishment (CFE) and Consent for Operation (CFO) issued for existing facility.
- (v) Submit copy of MoU with Indian Air Force.
- (vi) A toposheet of the study area of radius of 10 km 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).
- (vii) Layout maps of proposed project indicating runway, airport building, parking,

greenbelt area, utilities etc.

- (viii) Cost of project and time of completion.
- (ix) The impacts of demolition and the activities related thereto shall be examined and a management plan drawn up to conform to the Construction and Demolition rules under the E.P. Act, 1986.
- (x) The report shall examine the details of excavations, its impacts and the impacts of transport of excavated material. A detailed Management Plan shall be suggested.
- (xi) 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.
- (xii) The E.I.A. should specifically address to vehicular traffic management as well as estimation of vehicular parking area inside the Airport premises.
- (xiii) 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.
- (xiv) 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) 2017 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.
- (xv) Details shall be provided regarding the solar generation proposed and the extent of substitution, along with compliance to the ECBC rules.
- (xvi) Details of emission, effluents, solid waste and hazardous waste generation and their management. Air quality modeling and noise modeling shall be carried out for the emissions from various types of aircraft.
- (xvii) The impact of aircraft emissions in different scenarios of idling, taxiing, take off and touchdown shall be examined and a management plan suggested.
- (xviii) The impact of air emissions from speed controlled and other vehicles plying within the Airport shall be examined and management plan drawn up.
- (xix) The management plan will include compliance to the provisions of Solid Waste Management Rules, 2016.
- (xx) A detailed management plan, drawn up in consultation with the competent District Authorities, shall be submitted for the regulation of unauthorized development and encroachments within a 05 Km radius of the Airport.
- (xxi) The E.I.A. will also examine the impacts of construction and operation of the proposed STP and draw up a detailed plan for management including that for odour

control.

- (xxii) 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.
- (xxiii) Noise monitoring and impact assessment shall be done for each representative area (as per the Noise Rules of MoEF&CC). A noise management plan shall be submitted to conform to the guidelines of the MoEF&CC and the DGCA.
- (xxiv) Noise monitoring shall be carried out in the funnel area of flight path.
- (xxv) Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (xxvi) Ground water abstraction and rain water recharge shall be as prescribed by the CGWA. A clearance/permission of the CGWA shall be obtained in this regards.
- (xxvii) A NOC from the Central Ground water Authority for the ground water being currently abstracted in the existing air port shall be submitted.
- (xxviii) The project proponents will examine and submit whether diesel generating sets are permitted in the area.
- (xxix) Details of fuel tank farm and its risk assessment.
- (xxx) The E.I.A. should present details on the compliance of the project to the Fly Ash notification issued under the E.P. Act of 1986.
- (xxxi) The report should give a detailed impact analysis and management plan for handling of the following wastes for the existing and proposed scenarios.
 - (a) Trash collected in flight and disposed at the Airport including the segregation mechanism.
 - (b) Toilet wastes and sewage collected from aircrafts and disposed at the Airport.
 - (c) Maintenance and workshop wastes.
 - (d) Wastes arising out of eateries and shops situated within the airport.
- (xxxii) 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.
- (xxxiii) 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.
- (xxxiv) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.
- (xxxv) A tabular chart with index for point wise compliance of above ToR.

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

	<p><i>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>
<p>35.3.6</p>	<p>Construction of New Integrated Terminal Building with Allied Works at Imphal International Airport, Imphal by M/s Airports Authority of India, Imphal - Terms of Reference (IA/MN/MIS/82124/2018; F.No.10-75/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s ABC Techno Labs gave a detailed presentation on the salient features of the project and informed that:</p> <p>The project proponent and the accredited Consultant M/s ABC Techno Labs India Private Limited gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The proposed project is Construction of New Integrated Terminal Building with Allied Works at Imphal International Airport, Imphal (Manipur State) within available 1102 acres land. Location of project is 24°45'45.75" N and 93° 54' 19.66" E (ii) The project proposes construction of a centrally air-conditioned Modular New Integrated Terminal Building with all modern facilities and amenities with area of 28125.00sq.m, designed for 200 international and 1000 domestic passengers at a time with swing operations, construction of Apron of approximate area 22560, construction of two link taxiways of 144 m x 23 m, construction of New Technical Block cum Control Tower of approx. 40 m height and 4000 sq.m area. (iii) Fresh water requirement for the proposed civil enclave will be KLD for domestic purpose. From the new integrated terminal building 472 KLD sewage will be generated. Treated water from STP will be used for HVAC and green belt/landscaping. (iv) Solid waste generated at the New Integrated Terminal Building will be 1575 kg/day. (v) No water body will be affected by the New Integrated Terminal Building works and allied works within Imphal Airport. No forest land is involved in the site for New Integrated Terminal Building and allied works within Imphal Airport. There is no critically protected area, state and national boundary within 10 km distance from the site. There is no ecological sensitive area, biosphere, critically polluted area, state or state/international boundary within 10 km distance from site within the Imphal Airport. (vi) The estimated cost of new Integrated Terminal Building and Allied works will be Rs. 727 Crores. <p>During deliberations, the EAC noted the following:-</p> <ul style="list-style-type: none"> (i) The proposal is for grant of Terms of Reference for Construction of New Integrated Terminal Building with Allied Works at Imphal International Airport, Imphal. (ii) The project/activity is covered under category 'A' of item 7(a) 'Airports' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level. (iii) Existing facility of Imphal Airport was constructed before 2006, therefore has no previous environment clearance. <p><i>After detailed deliberations on the proposal, the Committee recommended for grant of</i></p>

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) The E.I.A. will give a justification for land requirements along with a comparison to the guidelines established by the Airport Authority of India/Ministry of Civil Aviation in this regards.
- (iii) The E.I.A. will give a complete status and compliance report with regards to any earlier E.C. granted and permissions and consents from the Pollution Control Boards and CGWA clearance issued for the existing facilities.
- (iv) Copy of Consent for Establishment (CFE) and Consent for Operation (CFO) issued for existing facility.
- (v) A toposheet of the study area of radius of 10 km 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).
- (vi) Layout maps of proposed project indicating runway, airport building, parking, greenbelt area, utilities etc.
- (vii) Cost of project and time of completion.
- (viii) The impacts of demolition and the activities related thereto shall be examined and a management plan drawn up to conform to the Construction and Demolition rules under the E.P. Act, 1986.
- (ix) The report shall examine the details of excavations, its impacts and the impacts of transport of excavated material. A detailed Management Plan shall be suggested.
- (x) 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.
- (xi) The E.I.A. should specifically address to vehicular traffic management as well as estimation of vehicular parking area inside the Airport premises.
- (xii) 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.
- (xiii) 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) 2017 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.

- (xiv) Details shall be provided regarding the solar generation proposed and the extent of substitution, along with compliance to the ECBC rules.
- (xv) Details of emission, effluents, solid waste and hazardous waste generation and their management. Air quality modeling and noise modeling shall be carried out for the emissions from various types of aircraft.
- (xvi) The impact of aircraft emissions in different scenarios of idling, taxiing, take off and touchdown shall be examined and a management plan suggested.
- (xvii) The impact of air emissions from speed controlled and other vehicles plying within the Airport shall be examined and management plan drawn up.
- (xviii) The management plan will include compliance to the provisions of Solid Waste Management rules, 2016.
- (xix) A detailed management plan, drawn up in consultation with the competent District Authorities, shall be submitted for the regulation of unauthorized development and encroachments within a 05 Km radius of the Airport.
- (xx) The E.I.A. will also examine the impacts of construction and operation of the proposed STP and draw up a detailed plan for management including that for odour control.
- (xxi) 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.
- (xxii) Noise monitoring and impact assessment shall be done for each representative area (as per the Noise Rules of MoEF&CC). A noise management plan shall be submitted to conform to the guidelines of the MoEF&CC and the DGCA.
- (xxiii) Noise monitoring shall be carried out in the funnel area of flight path.
- (xxiv) Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (xxv) Ground water abstraction and rain water recharge shall be as prescribed by the CGWA. A clearance/permission of the CGWA shall be obtained in this regards.
- (xxvi) A NOC from the Central Ground water Authority for the ground water being currently abstracted in the existing air port shall be submitted.
- (xxvii) The project proponents will examine and submit whether diesel generating sets are permitted in the area.
- (xxviii) Details of fuel tank farm and its risk assessment.
- (xxix) The E.I.A. should present details on the compliance of the project to the Fly Ash notification issued under the E.P. Act of 1986.
- (xxx) The report should give a detailed impact analysis and management plan for handling of the following wastes for the existing and proposed scenarios.
 - (a) Trash collected in flight and disposed at the Airport including the segregation mechanism.
 - (b) Toilet wastes and sewage collected from aircrafts and disposed at the Airport.

	<p>(c) Maintenance and workshop wastes. (d) Wastes arising out of eateries and shops situated within the airport.</p> <p>(xxxi) 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.</p> <p>(xxxii) Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made.</p> <p>(xxxiii) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.</p> <p>(xxxiv) 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>
<p>35.3.7</p>	<p>Expansion of DTU-Phase-II at Bawana, Delhi by M/s Delhi Technological University - Terms of Reference (IA/DL/NCP/79695/2018; F.No.21-94/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Amaltas Enviro Industrial Consultants LLP gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) Project is for expansion of "Delhi Technological University". The project is in operational stage before 2006, so no EC is required.</p> <p>(ii) The total plot area is 6,63,154.03 sqm with proposed FAR is 2,03.584.76 sqm (existing+ expansion) with total built-up area of 2,04,911.47 sqm (existing+ expansion). Maximum height of the building is 45.18 mtrs.</p> <p>(iii) During construction phase, the water requirement (approx. 210 ML) will be met from Private water or treated wastewater from nearby CSTP. 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 1509 KLD and the same will be met by the Municipal Supply. Wastewater generated during operational phase shall be 1,026 KLD .The wastewater will be treated through sewage treatment plant of capacity 1230 KLD. The treated wastewater will be re used for flushing (682 KLD) greenbelt development (55 KLD), HVAC and DG cooling (85 KLD).</p> <p>(v) About 6.27 TPD solid wastes will be generated in the project. The biodegradable</p>

waste (2.82 TPD) will be processed in OWC and the non-biodegradable waste generated (3.44 TPD) will be handed over to authorized local vendor.

- (vi) The total power requirement is approx. 5,365 kVA and will be met from TPDDL (Delhi Govt. Joint venture).
- (vii) Rooftop rainwater of buildings will be collected in 10 RWH storage tanks of total 720 m³/hr. capacity for harvesting after filtration.
- (viii) Parking facility of 885 ECS will be provided in open area i.e. 20352.44 sqm.
- (ix) Proposed energy saving measures would save about 1% 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. 246 Crore.
- (xiii) Employment potential during construction phase 50-100 workers.
- (xiv) Benefits of the project: Rainwater storage utilization, Developing Green belt and STP Facility for wastewater treatment, adequate parking facility, Higher Institutional facility and Development of total infrastructure with all the amenities.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project "Expansion of DTU-Phase-II at Bawana, Delhi by M/s Delhi Technological University on a total plot area of 6,63,154.03 sqm and built-up area of 2,04,911.47 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

After detailed deliberations on the proposal, the Committee recommended the project 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) Submit copy of Consent to Establish/Consent to Operate issued by the State Pollution Control Board for existing project.
- (ii) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (iii) The Air Quality Index shall be calculated for base level air quality.
- (iv) A detailed report on compliance to ECBC norms.
- (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vi) 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

	<p>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 permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(x) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(xi) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.</p>
<p>35.3.8</p>	<p>Extension of Runway With Blast Pad, RESA, Taxiway, Apron, GSE area, Isolation Bay, Construction of New Domestic Terminal Building, ATC Tower cum Technical Block cum Fire Station and Other Miscellaneous Works at Kolhapur Airport (Maharashtra) by M/s Airports Authority of India - Amendment in Terms of Reference (IA/MH/MIS/72936/2018; F.No.10-10/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s ABC Techno labs gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) Kolhapur Airport is an operational airport having total land area of 748.78 acres. The existing Passenger Terminal building area 174.67 sqm capable to handle 25 peak hour passengers. Runway 07/25 having dimension 1370 m X 45 m is suitable for the operation of ATR-72 type of aircraft. Presently fire services are being provided by City Fire Services during non scheduled flight operation.</p> <p>(ii) TOR for proposed works at the Kolhapur Airport was finalized by MOEF&CC vide letter F. No. 10-10/2018-IA-III Dated 12th April, 2018.</p> <p>(iii) There are two major obstacles in funnel area in earlier extension side which are a Cancer Hospital and an Engineering college. There is main electrical line in certain distance which is main feeder to Goa, part of Karnataka and Maharashtra. If it required shifting then power disconnection may happened in said states for significant period. 3, Hence, District Administration requested AAI to make alternate plan. So now it is decided to shift the extension side to opposite where they also agree to provide adequate land (64 Acres) through MIDC.</p> <p>(iv) As per previous proposal, Extension of Runway by total 930 m x 45 m (i.e. 820 m x45 m towards south west and 110m x 45m towards North east) to have total runway dimension of 2300 m x 45 m to cater for the strength of Code 'C' critical aircraft B737-900W / A-320-200. While as per revised proposal. Extension of Runway by 930 m x 45 m towards North-East (25 Runway Orientation) to have total runway dimension of</p>

2300 m x 45 m.

(v) The following amendment in ToR is proposed:

S.No.	As submitted earlier and mentioned in TOR letter	Modification Required in TOR
1.	Extension of Runway by total 930 m x 45 m (i.e. 820 m x 45 m towards south west and 110m x 45m towards North east) to have total runway dimension of 2300 m x 45 m to cater for the strength of Code 'C' critical aircraft B737-900W I A-320-200.	Extension of Runway by 930 m x 45 m towards North-East (25 Runway Orientation) to have total runway dimension of 2300 m x 45 m to cater for the strength of Code 'C' critical aircraft B737-900W I A-320-200.
2.	Land Required: Only existing available land except handing over of area of 27.01 Acres Forest land by State Govt after diversion of forest land.	Additional 64 Acres land will be required for proposed runway extension by 930 m x 45 m towards North-East (25 Runway Orientation). State Govt is in process of diversion of 27.01 Acres forest land to handover to AAI.
3.	Other components of the proposed development of Kolhapur Airport	Other components of the proposed development of Kolhapur Airport are same but location have been changed as per modified master plan

(vi) Based on revised master plan Public Hearing was conducted by Maharashtra Pollution Control Board on 28th September 2018.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Amendment in Terms of Reference for Extension of Runway with Blast Pad, RESA, Taxiway, Apron, GSE area, Isolation Bay, Construction of New Domestic Terminal Building, ATC Tower cum Technical Block cum Fire Station and Other Miscellaneous Works at Kolhapur Airport (Maharashtra) by M/s Airports Authority of India.
- (ii) The project/activity is covered under category 'A' of item 7(a) 'Airports' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iii) Terms of Reference ToR for proposed project was granted by MOEF&CC vide letter F. No. 10-10/2018-IA-III Dated 12th April, 2018.

The Committee during deliberation noted that Public Hearing was conducted by Maharashtra Pollution Control Board based on revised master plan on 28th September 2018. After detailed discussion on the proposal, the Committee recommended the following amendment in Terms of Reference letter F. No. 10-10/2018-IA-III dated 12th April, 2018:

S. No.	As per ToR letter dated 12 th April, 2018	Amendment recommended
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1.	Extension of Runway by total 930 m x 45 m (i.e. 820 m x 45 m towards south west and 110m x 45m towards North east) to have total runway dimension of 2300 m x 45 m to cater for the strength of Code 'C' critical aircraft B737-900W I A-320-200.	Extension of Runway by 930 m x 45 m towards North-East (25 Runway Orientation) to have total runway dimension of 2300 m x 45 m to cater for the strength of Code 'C' critical aircraft B737-900W I A-320-200.
2.	Land Required: Only existing available land except handing over of area of 27.01 Acres Forest land by State Govt after diversion of forest land.	Additional 64 Acres land will be required for proposed runway extension by 930 m x 45 m towards North-East (25 Runway Orientation). State Govt is in process of diversion of 27.01 Acres forest land to handover to AAI.

The project proponents were advised to address to the following in the EIA Report:

- (i) In view of the request for amendment arising out of replacement of the land block a justification on the retention of the existing 64 Acres of land.*
- (ii) Status of Forest Clearance*
- (iii) Submit a copy of a letter from the Pollution Control Board and the District Magistrate that the Public hearing has been conducted as per the amended proposals.*
- (iv) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.*

35.3.9

**Common Effluent Treatment Plant, at Plot No 2413/14, GIDC Estate, Ankleshwar, District Bharuch, Gujarat by M/s Enviro Technology Limited - Amendment in Environmental Clearance
(IA/GJ/MIS/78606/2009; F.No.10-2/2008-IA.III)**

The project proponent and the accredited Consultant M/s Shivalik Solid Waste Management Limited gave a detailed presentation on the salient features of the project and informed that:

- (i) The proposal is for amendment in Environment Clearance (EC) issued vides No.10-2/2008-IA.III dated 23rd July 2009 to Enviro Technology Limited (ETL) for expansion of CETP from existing 1.8 MLD to 3.5 MLD of effluent. Further, validity of EC extended up to 22nd July 2019.
- (ii) Project is located at plot No 2413/14, Notified GIDC Estate, Ankleshwar, Distt Bharuch, Gujarat.
- (iii) M/s Enviro Technology Ltd. is the operator of existing CETP (capacity 1.8 MLD effluent with sewage of 1.7 MLD & water use 0.725 MLD for chemical dosing etc.) facility located at Plot No.– 2413/14 falls in the Notified Ankleshwar Industrial Area Developed by Gujarat Industrial Development Corporation (GIDC). There are more than 1000 industrial units located in well-established Industrial area, having all basic facilities like availability of water and natural gas, electricity, Common Effluent Treatment Plant (CETP) of M/s Enviro Technology Limited (ETL), is utilizing the hazardous waste disposal and incinerator facility of M/s Bharuch Enviro Infrastructure Ltd. (BEIL).
- (iv) River Narmada is Located at around 10 Km away from Ankleshwar Industrial Estate National Highway No. 8 Connecting Bombay-Ahmedabad-Delhi passes near the Ankleshwar Estate. The nearest Town from the industry is Ankleshwar which is 4 Km

and nearest largest city is Bharuch which is 15 Km away (Aerial Distance).

- (v) Existing consented water consumption for the CETP (1.8 MLD capacity) is 0.725 MLD on daily basis which will be sourced from GIDC water supply. For expansion from 1.8 to 3.5 MLD effluents, the water consumption is 1.445 MLD as per EC Issued. Under proposed amendment for CETP from 1.8 to 3.5 MLD effluents, the water consumption is 0.67 MLD.
- (vi) Presently CETP of 1.8 MLD industrial wastewater treatment along with sewage of 1.7 MLD in the same premises. For expansion from 1.8 to 3.5 MLD effluents, sewage quantity required is 3.275 MLD for which amendment is sought. The EC issued does not mention about sewage quantity required for biological treatment.
- (vii) Solid waste generated during the wastewater treatment process is mainly sludge, quantum of which depends upon the effluent characteristics and hydraulic load. Generated sludge from CETP operation is being disposed of to TSDF of M/s Bharuch Enviro Infrastructure Ltd. (BEIL), Ankleshwar.
- (viii) Project falls under Critically Polluted area. However, moratorium was lifted for Ankleshwar Vide Letter No: J-11013/5/2010-IA. II (A) on Dated 25th November, 2016 based on CEPI index).
- (ix) Project does not fall within 10 km of eco-sensitive area.
- (x) Green belt development: 33% Green belt will be further developed according to CPCB guidelines
- (xi) Investment/Cost of the project is Rs.19.35 Crores.
- (xii) Employment potential: Shall increase the employment potential due to the proposed activity.
- (xiii) Benefits of the project: improvement of social life around the project area

The EAC noted the following:-

- (i) The proposal is for Amendment in Environmental Clearance to the project 'Expansion of Common Effluent Treatment Plant, at Sector-25 & Sector- 29 Part-II, Panipat, Haryana by M/s Haryana Urban Development Authority (HUDA).
- (ii) The project/activity is covered under category 'B' of item 7(h) 'CETPs' of the Schedule to the EIA Notification, 2006, and requires appraisal at SEAC level. However due to applicability of general Condition i.e. the proposed site falls in Critically Polluted Area, the proposal is appraised at Central level.

The Committee noted that EC for expansion in capacity from 1.8 MLD to 3.5 MLD was granted to the project vide dated 23rd July, 2009 and further, validity of EC extended up to 22nd July 2019. Now, the project proponent informed the committee that EC issued earlier does not mention about sewage quantity required for biological treatment and requested to amend the EC and add sewage quantity of 3.275 MLD which is required for treatment. Further the addition of fresh water shall not be allowed for dilution of effluents. The Committee after detailed deliberation informed the project proponent that this is a case of expansion and not amendment. Accordingly, it was recommended that the project proponent should apply afresh under expansion category and the present proposal may be delisted.

In view of the foregoing observations, the EAC recommend to delist the proposal.

35.3.10 Expansion of Karaikal Port (Phase-II) at Puducherry by M/s Karaikal Port Pvt Ltd - Amendment in Environmental and CRZ clearance

(IA/PY/MIS/26984/2009; F.No.10-42/2009-IA-III)

The project proponent and the accredited Consultant M/s Cholamandalam MS Risk Services Limited gave a detailed presentation on the salient features of the project and informed that:

- (i) Karaikal Port is an All Weather, multi Cargo Port handling various cargoes categorized as Coal, General Cargo (includes all cargo other than coal) Edible Oil and the Crude Oil & other Petroleum Products.
- (ii) The project has been granted Environmental and CRZ Clearance vide F.No. 10-42/2009 IA-III dated 22.09.2009 for handling capacity of 20.5 MMTPA. In addition, the project has been granted CRZ Clearance vide F.No. 11-35/2010-IA-III dated 25.10.2010 for handling crude oil and other petroleum products to capacity of 1.0 MMTPA. Further, the validity of EC&CRZ clearance dated 22.09.2009 has been extended to 21.09.2019 vide letter F.No. 10-42/2009-IA-III dated 14.05.2018.
- (iii) Puducherry Pollution Control Committee (PPCC) vide its 157th committee meeting dated 05.03.2018 while renewing the existing Consent to Operate (CTO) have advised the Karaikal Port Pvt. Ltd. to apply to the MoEF&CC to re-categorize the cargoes handled under "Bulk, Break Bulk and Liquid Bulk" in our existing Environment Clearance as mentioned in the EIA Guidance Manual for Ports and Harbours, published by MoEF&CC, New Delhi in February 2010.
- (iv) Therefore, it is requested that the cargoes handled be re-categorized under 'Dry Bulk, Break Bulk and Liquid Bulk'. The Dry Bulk and Break Bulk can be limited to 18.5 million MTA and 3.0 million MTA as Liquid Bulk altogether. There will not be any increase or change in the quantities to be handled and no increase in the Pollution load.
- (v) The following re-categorization of cargoes has been proposed:

Bulk Cargoes (18.5 MTPA)		Liquid Cargoes (3.0 MTPA)
Dry Bulk	Break Bulk/General Cargoes	
Coal	Textiles	Crude Oil
Fertilizers	Machinery	Other Petroleum Products
Clay	Timber	Edible Oil
Iron Ore	Steel	Other liquids with permission of the PPCC
Gypsum	Containers	
Lime Stone	Granite	
Dolomite	Marble Slabs	
Aggregates	Fertilizers in Bags	
Clinker	Agro Products such as corn in bags, wheat, red chillies etc	
Agro Products such as Corn, Wheat, Sugar, Red Chillies, wood chips etc.	Wood chips	
Cement in Bulk	Cement (in Bags)	
Sand	Salt	
Others in bulk with permission of PPCC	Others in break bulk with permission of the PPCC	

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Amendment in earlier EC & CRZ Clearance obtained for Phase II expansion and CRZ Clearance for handling crude oil and petroleum products at Karaikal Port Private Limited, Karaikal District, Pondicherry.
- (ii) The project/activity is covered under category 'A' of item 7 (e) i.e. 'Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iii) Environmental and CRZ Clearance for the project 'Expansion of Karaikal Port (Phase - II) at Puducherry by M/s Karaikal Port Pvt. Ltd.' was granted by MoEFCC vide F.No. 10-42/2009 IA-III dated 22.09.2009 for handling capacity of 20.5 MMTPA., and subsequent extension of the validity of the EC&CRZ clearance dated 22.09.2009 to 21.09.2019 was granted vide F.No. 10-42/2009-IA-III dated 14.05.2018.
- (iv) CRZ Clearance for the project 'Permission to handle crude oil and petroleum products connecting Chidambaranar Oil Jetty at Nagore and KPPL jetty by M/s Karaikal Port Private Trust' was granted by MoEFCC vide F.No. 11-35/2010-IA-III dated 25.10.2010 for handling crude oil and other petroleum products to capacity of 1.0 MMTPA.

The Committee noted that there are two clearance and amendment is sought for cumulative capacity of both the clearances i.e. 21.5 MMTPA (20.5 MMTPA+ 1.0 MMTPA). The Committee informed the project proponent that this Committee can only considered Environmental & CRZ Clearance dated 22nd September 2009. For CRZ clearance dated 25th October 2010, they have to apply separately to CRZ Division of the Ministry. Accordingly, the Committee asked the project proponent to submit revised proposal along with Form-1 only limited to Amendment in Environmental & CRZ Clearance dated 22nd September 2009.

In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.

35.3.11

Second stage expansion of Bengaluru International Airport, Bengaluru, Karnataka by M/s Bengaluru International Airport Ltd - Amendment in Environmental clearance (IA/KA/MIS/79613/2014; F.No.10-24/2012-IA.III)

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

- (i) Bengaluru International Airport is an operating airport with a sanctioned capacity of 55 MPPA (ultimate phase to be achieved by 2029-30) and associated facilities. Existing facility of Terminal (T1) of 20 MPPA is already in operation.
- (ii) The project has been granted Environmental for the Second stage expansion to capacity of 55 MPPA vides F.No. 10-24/2012-IA-III dated 22.08.2014. Terminal 2 (T2) will be built in two stages of 25 MPPA (stage-1) and stage-2 (10 MPPA).
- (iii) BIAL proposes addition of a 4-lane eastern connectivity tunnel and an approach road to cater as an alternative access to the Terminal Forecourt from the Eastern part of the city to decongest the traffic on NH7 with a length of approximately 2.5 km and about 5.5 m height and approach road of approximately 1.28 km.

- (iv) Total Cost of the Project is Rs. 15,978 Crore. This includes the earlier EC (F.No. 10-24/2012-IA.III dated 22nd Aug 2014) project cost of Rs. 14,867 Crore plus the proposed Eastern Connectivity Tunnel (ECT) estimated cost of Rs. 1,111 Crore.
- (v) The proposed development will be within existing airport premises. Forest clearance had already been granted by MoEF&CC vide letter no. S-66/96-FC dated 19.08.2002 for diversion of 565 ha of forestland for the airport development - BIAL with private sector participation at Devanahalli, Bengaluru, Karnataka. Land is already in the possession of BIAL. No additional land is required for the proposed eastern connectivity tunnel.
- (vi) The present water requirement is met from Bangalore Water Supply and Sewerage Board (BWSSB) and same source will be used. BWSSB has allocated 2 MLD water to BIAL which will be sufficient to meet the water requirement. Water requirement is envisaged for fire fighting during operational phase. During construction phase water requirement will be about 2,25,000 m³ which will be supplied by BWSSB.
- (vii) During construction phase domestic sewage from labour colony is treated in sewage treatment plant and recycled for water sprinkling to suppress the dust. No additional liquid waste generation is envisaged from proposed connectivity tunnel and approach road.
- (viii) Municipal solid waste from labour camp and office area are disposed on daily basis. Separate storage areas are identified for other waste materials generated and will be disposed through authorized dealers. The waste oil generated due to usage of DG sets will be stored and subsequently given to the agency authorized by KSPCB. No additional solid waste generation is envisaged from proposed connectivity tunnel and approach road.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Amendment in earlier Environmental Clearance obtained for Second stage expansion of Bengaluru International Airport, Bengaluru, Karnataka.
- (ii) The project/activity is covered under category 'A' of item 7(a) 'Airports' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iii) Environmental Clearance for the project 'Second stage expansion of Bengaluru International Airport, Bengaluru, Karnataka by M/s Bengaluru International Airport Ltd.' was granted vide F.No. 10-24/2012-IA-III dated 22.08.2014.
- (iv) Previous Environment Clearance from MoEF&CC vide Order No. 21-1055/2007- IA.III dated 04.06.2008 with built-up area of 2,97,320.95 sqm and plot area of 9.9605 ha.
- (v) Government of Karnataka vide letter dated 26.09.2018 requested to waive off public hearing for the proposed amendment.

The Committee discussed the project in details and noted that the proposal is for addition of a 4-lane eastern connectivity tunnel and an approach road to cater as an alternative access to the Terminal Forecourt from the Eastern part of the city to decongest the traffic on NH7 with a length of approximately 2.5 km and about 5.5 m height and approach road of approximately 1.28 km. The proposed development will be within existing airport premises. Forest clearance had already been granted by MoEF&CC vide letter No. S-66/96-FC dated 19.08.2002 for diversion of 565 ha of forest land for the airport

development - BIAL with private sector participation at Devanahalli, Bengaluru, Karnataka. Land is already in the possession of BIAL. No additional land is required for the proposed eastern connectivity tunnel.

The Committee after detailed deliberation recommended the following Amendment in the Environmental Clearance dated 22.08.2014:

Addition of a 4-lane eastern connectivity tunnel and an approach road to cater as an alternative access to the Terminal Forecourt from the Eastern part of the city to decongest the traffic on NH7 with a length of approximately 2.5 km and about 5.5 m height and approach road of approximately 1.28 km.

All the other conditions contained in the MOEF&CC letter F.No. 10-24/2012-IA-III dated 22.08.2014 shall remain the same. The following additional conditions were also recommended:

- (i) The proponents will draw up a comprehensive soil management plan which will include conservation and transportation and shall be implemented to the satisfaction and in consultation with the Pollution Control Board.
- (ii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- (iii) As per the Ministry's Office Memorandum F.No.22-65/2017-IA.III dated 1st May 2018, the project proponent is required to prepare and implement Corporate Environment Responsibility (CER) Plan. As per para 6(II) of the said O.M. appropriate funds shall be earmarked for the activities such as infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, scientific support and awareness to local farmers to increase yield of crop and fodder, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

35.3.12

Environmental Clearance for Developing a Cargo Handling facility at Jaigarh, District Ratnagiri, Maharashtra by M/s Jaigarh Ports Infrastructure Pvt Ltd - Amendment in Environmental clearance

(IA/MH/MIS/79453/2010; F.No.11-55/2007-IA-III)

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

- (i) The project was granted Environmental Clearance vide file No. 11-55/2007-IA.III dated 25th October 2010.
- (ii) Consent to establish was granted by Maharashtra State Pollution Control Board vide letter dated 26.02.2010 & establishment completed 14.08.2013. First consent to

operated was granted on 19.09.2013.

- (iii) Now seeking modification in EC due to change of the name & clarification of handling the material with quantity. Amendment sought is as follows:

S. No.	Details	As per EC	Revised	Remark
1.	Name of the project	Environment clearance for cargo handling facility at Jaigad, District Ratnagiri, Maharashtra by M/s Jaigad Port Pvt. Ltd.	Environment clearance for cargo handling facility at Jaigad, District Ratnagiri, Maharashtra by M/s Angre Port Pvt. Ltd.	Name changed
2.	Total cost of the project	292 Crores	438.74 Crores	After revaluation of actual project cost
3.	Facility providing	Cargo handling facility	Cargo handling facility for dry and wet cargo	As per table

- (iv) In the Environmental clearance letter cargo handling facilities were allowed but material was not specified. Hence the application is made for amendment in the EC letter with material list with quantity.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Amendment in earlier EC & CRZ Clearance obtained for Developing a Cargo Handling facility at Jaigarh, District Ratnagiri, Maharashtra by M/s Jaigarh Ports Infrastructure Pvt Ltd.
- (ii) The project/activity is covered under category 'A' of item 7 (e) i.e. 'Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.
- (iii) Environmental and CRZ Clearance for the project 'Developing a Cargo Handling facility at Jaigarh, District Ratnagiri, Maharashtra by M/s Jaigarh Ports Infrastructure Pvt Ltd' was granted by MoEFCC vide No. 11-55/2007-IA.III dated 25th October 2010.

The Committee deliberated upon the proposal and noted that the proposal is for change in the name of the company and mentioning of cargo handling material details. In the EC letter dated 25.10.2010, cargo handling facilities were allowed but material was not specified. The Committee was of view that at this point defining the material to be handled will not be possible. The project proponent may approach State Pollution Control Board for mentioning it in the Consent to Operate. However, the Committee allowed following amendment in the EC and CRZ Clearance letter dated 25.10.2010.

S. No.	Details	As per EC	Recommended
1.	Name of the project	Environment clearance for cargo handling facility at Jaigad, District Ratnagiri, Maharashtra by M/s Jaigad Port Pvt. Ltd.	Environment clearance for cargo handling facility at Jaigad, District Ratnagiri, Maharashtra by M/s Angre Port Pvt. Ltd.
2.	Total cost of the project	292 Crores	438.74 Crores

35.3.13 **Proposed CETP's - 5 MLD at Pandoga, Himachal Pradesh by M/s Himachal Pradesh State Industrial Development Corporation Limited - Reconsideration for**

Environmental Clearance

(IA/HP/MIS/30340/2015; F.No.10-25/2015-IA-III)

The EAC noted the following:-

- (i) The proposal is for environmental clearance to the project 'Proposed CETP's - 5 MLD at Pandoga, Himachal Pradesh by M/s Himachal Pradesh State Industrial Development Corporation Limited.
- (ii) The project/activity is covered under category 'B' of item 7(h) 'CETPs' of the Schedule to the EIA Notification, 2006, and requires appraisal at SEAC level. However due to applicability of general Condition i.e. Punjab Inter-State boundaries at a distance of 3.35 km (W), the proposal is appraised at Central level.
- (iii) The proposal was earlier considered by the EAC in its 19th meeting held on 5th March, 2017, 28th meeting held on 27-29 June, 2018 and 32nd meeting held on 2-4 July, 2017 wherein the Committee sought some additional details.
- (iv) The Project proponent submitted the information and uploaded on Ministry's website on 29.12.2017, 06.06.2018 and 19.09.2018.

The EAC, on being satisfied with the submissions of the project proponent in response to its observations, 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) The project proponents will implement the project only after getting Consent to Establish from the Himachal Pollution Control Board.
- (ii) It shall be ensured that primary treatment of effluents to the level of influent quality standards as prescribed by the Board, is ascertained at the member units.
- (iii) Members shall only be allowed access to the CETP if they have consent from the State Pollution Control Board.
- (iv) A dedicated access controlled conveyance system shall be provided for transporting effluents from the member units to the CETP.
- (v) Conformance to the influent and effluent standards shall be the responsibility of the CETP.
- (vi) The Design of the CETP should be as approved by the Pollution Control Board.
- (vii) The composition of industries and waste water quantity shall be restricted as follows:

Textile	Total effluents from all textile units not to exceed 500 KLD
Food and Spice	Total effluents from all Food and spice units not to exceed 1250 KLD
Bakery and confectionary:	Total effluents from all Bakery and confectionary units not to exceed 250 KLD
Synthetic Detergent	Total effluents from all Synthetic Detergent

	Units not to exceed 750 KLD
Pharmaceutical (Ayurvedic and Homoeopathic)	Total effluents from all such pharmaceutical units not to exceed 1500 KLD
Automobile Assembling and services. Without Metal Plating and finishing	Total effluents from all such automobile assembling and servicing units not to exceed 1250 KLD

- (viii) The CETP shall operate on the principle of ZLD into inland surface waters. Treated effluents shall be used in Horticulture and shall also be sent back, in ratios of their receipts, to the various industrial units for recycle and reuse to the satisfaction of the Pollution Control Board.
- (ix) There shall be Flow meters at inlet and outlet of CETP to monitor the flow. Suitable meters shall be provided to measure the quantity of effluent received, quantity of effluent recycled/reused and discharged.
- (x) The units and the CETP will maintain daily log book of the quantity and quality of discharge from the units, quantity of inflow into the CETP, details of the treatment at each stage of the CETP including the raw materials used, quantity of the treated water proposed to be recycled, reused within the textile park/units, quantity of the treated effluent discharged. All the above information shall be provided on-line of the web site exclusively prepared for the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP will also be provided along with details of the workers of the CETP.
- (xi) Periodical monitoring shall be carried out for the functioning of CETP and outlet parameters.
- (xii) The MoU between CETP and member units shall indicate the maximum quantity of effluent to be sent to the CETP along with the quality.
- (xiii) Individual members to the CETP shall treat their effluents in Primary treatment systems to the Inlet quality standards of the CETP as prescribed by the State Pollution Control Board.
- (xiv) Individual Members shall segregate their wastes in to concentrated and diluted streams and also as per the nature of chemical contamination vis. Cr⁺⁶, Ni, Pb, Zn etc and store them as per conditions to be specifically imposed in this regards by the State Pollution Control Board.
- (xv) Chemical recovery and reuse, either in-house or outside shall be practiced to the satisfaction of the State Pollution Control Board. Use in agriculture shall be exercised with caution after getting the irrigation management plan approved by the SPCB.
- (xvi) All tankers carrying untreated wastes and all hazardous and other wastes shall be properly labeled and transported as per the Hazardous and Other Wastes (Management and Transboundary) Rules, 2016.
- (xvii) The detailed design of the various unit operations shall strictly conform to the directions of the state pollution control board as given in the consent to establish.
- (xviii) The Project Proponent and the State Pollution Control Board should ensure that the Member Ship of the CETP is restricted to only those industries which legitimately

exist in the area. A list of industries in this regards shall be prepared by the Association which will have the following details.

- Name of Industry
 - Office Address
 - Location of Industry
 - Status of Consent under Water Act along with order number.
 - Status of consent under Air Act along with order number.
 - Production capacity as per consent orders.
 - Total industrial Effluent to CETP as per consent order.
- (xix) The Unit shall inform the State Pollution Control Board at least a week prior to undertaking maintenance activities in the recycle system and store/dispose treated effluents under their advice in the matter.
- (xx) The unit shall also immediately inform the Pollution Control Board of any breakdown in the recycling system, store the effluents in the interim period and dispose effluents only as advised by the Pollution Control Board.
- (xxi) The unit shall maintain a robust system of conveyance for primary treated effluents from the member units and constantly monitor the influent quality to the CETP. The Management of the CETP and the individual member shall be jointly and severally responsible for conveyance and pre-treatment of effluents. Only those units will be authorized to send their effluents to the CETP which have a valid consent of the Pollution Control Board and which meet the primary treated standards as prescribed. The CETP operator shall with the consent of the State Pollution Control Board retain the powers to delink the defaulter unit from entering the conveyance system.
- (xxii) The CETP operator will maintain an annual register of member units which will contain the details of products with installed capacities and quality and quantity of effluents accepted for discharge. This will form a part of the initial and renewal applications for consent to operate to be made before the State Pollution Control Board.
- (xxiii) Any changes in the manufacturing process, installed capacity or the quality or quantity of effluents as agreed upon in the initial MOU between the operator and the member units, will only be done after an approval of the Gujarat State Pollution Control Board in the matter.
- (xxiv) The treated effluent from CETP shall be blended with treated sewage prior to its discharge in river.
- (xxv) Domestic water requirement is 0.675 KLD, which will be met through Water Tankers supply.
- (xxvi) The quantity of hazardous waste i.e. ETP sludge to be generated from CETP facility shall be handled and disposed to nearby authorized TSDF site as per HWM Rules, 2016.
- (xxvii) Non Hazardous solid wastes and sludges arising out of the operation of the CETP shall be adequately disposed as per the Consent to be availed from the State Pollution Control Board. Non Hazardous solid wastes and sludges shall not be mixed with Hazardous wastes.
- (xxviii) The effluent from member units shall be transported through pipeline. In case the

	<p>effluent is transported thorough road, it shall be transported through CETP tankers only duly maintaining proper manifest system. The vehicles shall be fitted with proper GPS system.</p> <p>(xxix) Before accepting any effluent from member units, the same shall be as permitted by the SPCB in the consent order. No effluent from any unit shall be accepted without consent from SPCB under the Water Act, 1974 as amended.</p> <p>(xxx) The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.</p> <p>(xxxii) All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to RO, MoEF&CC along with half yearly compliance report.</p> <p>(xxxiii) The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.</p> <p>(xxxiv) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.</p> <p>(xxxv) Project proponent should develop green belt all along the periphery of the site with native plant species that are significant and used for the pollution abatement.</p> <p>(xxxvi) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 67.78 Lakhs @ 2.0% of project cost (expansion) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as road development, solar panel for street lighting, construction roads in the locality, skill development programs, drinking water facilities and health camps in the area as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.3.14</p>	<p>Proposed CETP's – 7 MLD, project at Kandrori by M/s Himachal Pradesh State Industrial Development Corporation Limited - Reconsideration for Environmental Clearance (IA/HP/MIS/30305/2015; F.No.10-24/2015-IA-III)</p> <p>The EAC noted the following:-</p> <p>(i) The proposal is for environmental clearance to the project 'Proposed CETPs – 7 MLD project at Kandrori by M/s Himachal Pradesh State Industrial Development Corporation Limited.</p> <p>(ii) The project/activity is covered under category 'B' of item 7(h) 'CETPs' of the Schedule to the EIA Notification, 2006, and requires appraisal at SEAC level. However due to applicability of general Condition i.e. Punjab Inter-State boundaries at a distance of 3.87 km (W), the proposal is appraised at Central level.</p> <p>(iii) The proposal was earlier considered by the EAC in its 19th meeting held on 5th</p>

March, 2017, 28th meeting held on 27-29 June, 2018 and 32nd meeting held on 2-4 July, 2017 wherein the Committee sought some additional details.

- (iv) The Project proponent submitted the information and uploaded on Ministry's website on 29.12.2017, 06.06.2018 and 19.09.2018.

The EAC, on being satisfied with the submissions of the project proponent in response to its observations, 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) The project proponents will implement the project only after getting Consent to Establish from the Himachal Pollution Control Board.
- (ii) It shall be ensured that primary treatment of effluents to the level of influent quality standards as prescribed by the Board, is ascertained at the member units.
- (iii) Members shall only be allowed access to the CETP if they have a consent from the State Pollution Control Board.
- (iv) A dedicated access controlled conveyance system shall be provided for transporting effluents from the member units to the CETP.
- (v) Conformance to the influent and effluent standards shall be the responsibility of the CETP.
- (vi) The Design of the CETP should be as approved by the Pollution Control Board
- (vii) The composition of industries and waste water quantity shall be restricted as follows:

Textile	Total effluents from all textile units not to exceed 700 KLD
Food and Spice	Total effluents from all Food and spice units not to exceed 1750 KLD
Bakery and confectionary:	Total effluents from all Bakery and confectionary units not to exceed 350 KLD
Synthetic Detergent	Total effluents from all Synthetic Detergent Units not to exceed 1050 KLD
Pharmaceutical (Ayurvedic and Homoeopathic)	Total effluents from all such pharmaceutical units not to exceed 2100KLD
Automobile Assembling and services. (Without Metal Plating and finishing)	Total effluents from all such automobile assembling and servicing units not to exceed 1050 KLD

- (viii) The CETP shall operate on the principle of ZLD into inland surface waters. Treated effluents shall be used in irrigation/ Horticulture and shall also be sent back, in ratios of their receipts, to the various industrial units for recycle and reuse to the satisfaction of the Pollution Control Board.
- (ix) There shall be Flow meters at inlet and outlet of CETP to monitor the flow. Suitable meters shall be provided to measure the quantity of effluent received, quantity of

effluent recycled/reused and discharged.

- (x) The units and the CETP will maintain daily log book of the quantity and quality of discharge from the units, quantity of inflow into the CETP, details of the treatment at each stage of the CETP including the raw materials used, quantity of the treated water proposed to be recycled, reused within the textile park/units, quantity of the treated effluent discharged. All the above information shall be provided on-line of the web site exclusively prepared for the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP will also be provided along with details of the workers of the CETP.
- (xi) Periodical monitoring shall be carried out for the functioning of CETP and outlet parameters.
- (xii) The MoU between CETP and member units shall indicate the maximum quantity of effluent to be sent to the CETP along with the quality.
- (xiii) Individual members to the CETP shall treat their effluents in Primary treatment systems to the Inlet quality standards of the CETP as prescribed by the State Pollution Control Board.
- (xiv) Individual Members shall segregate their wastes in to concentrated and diluted streams and also as per the nature of chemical contamination vis. Cr⁺⁶, Ni, Pb, Zn etc and store them as per conditions to be specifically imposed in this regards by the State Pollution Control Board.
- (xv) Chemical recovery and reuse, either in-house or outside shall be practiced to the satisfaction of the State Pollution Control Board. Use in agriculture shall be exercised with caution after getting the irrigation management plan approved by the SPCB.
- (xvi) All tankers carrying untreated wastes and all hazardous and other wastes shall be properly labeled and transported as per the Hazardous and Other Wastes (Management and Transboundary) Rules, 2016.
- (xvii) The detailed design of the various unit operations shall strictly conform to the directions of the state pollution control board as given in the consent to establish.
- (xviii) The Project Proponent and the State Pollution Control Board should ensure that the Member Ship of the CETP is restricted to only those industries which legitimately exist in the area. A list of industries in this regards shall be prepared by the Association which will have the following details.
- Name of Industry
 - Office Address
 - Location of Industry
 - Status of Consent under Water Act along with order number.
 - Status of consent under Air Act along with order number.
 - Production capacity as per consent orders.
 - Total industrial Effluent to CETP as per consent order.
- (xix) The Unit shall inform the State Pollution Control Board at least a week prior to undertaking maintenance activities in the recycle system and store/dispose treated

effluents under their advice in the matter.

- (xx) The unit shall also immediately inform the Pollution Control Board of any breakdown in the recycling system, store the effluents in the interim period and dispose effluents only as advised by the Pollution Control Board.
- (xxi) The unit shall maintain a robust system of conveyance for primary treated effluents from the member units and constantly monitor the influent quality to the CETP. The Management of the CETP and the individual member shall be jointly and severally responsible for conveyance and pre-treatment of effluents. Only those units will be authorized to send their effluents to the CETP which have a valid consent of the Pollution Control Board and which meet the primary treated standards as prescribed. The CETP operator shall with the consent of the State Pollution Control Board retain the powers to delink the defaulter unit from entering the conveyance system.
- (xxii) The CETP operator will maintain an annual register of member units which will contain the details of products with installed capacities and quality and quantity of effluents accepted for discharge. This will form a part of the initial and renewal applications for consent to operate to be made before the State Pollution Control Board.
- (xxiii) Any changes in the manufacturing process, installed capacity or the quality or quantity of effluents as agreed upon in the initial MOU between the operator and the member units, will only be done after an approval of the Gujarat State Pollution Control Board in the matter.
- (xxiv) The treated effluent from CETP shall be blended with treated sewage prior to its discharge in river.
- (xxv) Domestic water requirement is 0.675 KLD, which will be met through Water Tankers supply.
- (xxvi) The quantity of hazardous waste i.e. ETP sludge to be generated from CETP facility shall be handled and disposed to nearby authorized TSDF site as per HWM Rules, 2016.
- (xxvii) Non Hazardous solid wastes and sludges arising out of the operation of the CETP shall be adequately disposed as per the Consent to be availed from the State Pollution Control Board. Non Hazardous solid wastes and sludges shall not be mixed with Hazardous wastes.
- (xxviii) The effluent from member units shall be transported through pipeline. In case the effluent is transported thorough road, it shall be transported through CETP tankers only duly maintaining proper manifest system. The vehicles shall be fitted with proper GPS system.
- (xxix) Before accepting any effluent from member units, the same shall be as permitted by the SPCB in the consent order. No effluent from any unit shall be accepted without consent from SPCB under the Water Act, 1974 as amended.
- (xxx) The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.
- (xxxi) All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to RO, MoEF&CC

	<p>along with half yearly compliance report.</p> <p>(xxxii) The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.</p> <p>(xxxiii) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.</p> <p>(xxxiv) Project proponent should develop green belt all along the periphery of the site with native plant species that are significant and used for the pollution abatement.</p> <p>(xxxv) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 87.66 Lakhs @ 2.0% of project cost (expansion) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as plantation in nearby area, community plantation, road development, solar panel for street lighting, construction roads in the locality, skill development programs, drinking water facilities and health camps in the area as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.3.15</p>	<p>Proposed Residential cum Commercial Project with Rental Housing Scheme at village Balkum, Thane by M/s Dosti Enterprise - Reconsideration for Environmental Clearance</p> <p>(IA/MH/MIS/67197/2017; F.No.21-47/2017-IA-III)</p> <p>The project proponent gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project is located at 19°13'44.51" N Latitude and 72°59'40.28" E Longitude.</p> <p>(ii) The project is amendment of proposed residential cum commercial project with MMRDA rental housing scheme on S. No.16 (Hissa No. 1, 2, 3, 4, 5, 6, 8 pt, 9 pt, 10 pt, 11 pt, 12 A, 12B pt), S. No. 17 (Hissa No. 1, 2, 3, 4, 5, 6, 7A, 7B, 8, 9, 10, 11A, 11B, 11C, 12, 13,14), S. No. 12 (Hissa No. 6), S. No. 18 (Hissa No. 1, 2, 3, 4, 5, 6pt, 7, 8, 9, 10 pt, 11 pt),S. No.19 (Hissa No. 23, 29, 30, 31, 32, 37, 42, 43pt, 45), S. No. 22pt, S. No. 23pt, S. No. 24, S. No. 25 (Hissa No. 1, 2, 3, 4, 5pt, 7pt, 9pt,10A pt, 10B pt, 13A pt), S. No. 26 (Hissa No. 8Apt, 9 pt, 10A, 10B, 11A pt, 11B pt,12),S. No. 27 (Hissa No. 10 pt, 11 pt, 15, 16A pt, 16B pt, 17), S. No. 40 (Hissa No. 15pt, 8A, 8B pt, 17 pt, 22 pt), S. No. 44 (Hissa No.1pt, 2 A pt, 2B pt), S. No. 47 Hissa No. (1pt, 2A pt, 3pt, 2/2+3/2Apt, 2/2+3/2B, 4B, 6 pt, , 7 B, 5 pot, 8A2, 8B2, 8C1, S. No. 48 (Hissa No. 4A. 4B), S. No. 49 (Hissa No. 1pt, 2, 3, 4, 5, 6, 7A pt, 7B, 8Apt, 8B), S. No. 50 (Hissa No. 3A pt, 3B), S. No. 51 (Hissa No 3A, 3B, 5A, 5B), S. No. 77 Hissa No. 13 B pt, 13C pt, 14A pt, 14 B pt) at village Balkum , Taluka and District Thane, Maharashtra.</p> <p>(iii) Construction works started as per Environment Clearance received from MoEF vide letter no. 21-85/2014-IA. III dated 18.06.2015 for the construction area 8,33,031.72 sqm. As of today we have constructed about 16,559 sqm area.</p> <p>(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 5,45,122.89 sqm.</p>

- The proposed development will have 19 Residential buildings with 3179 flats and 2 rental buildings with 2117 nos. of flats, balwadi, welfare centres and commercial area.
- (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 4,321 KLD and same will be met by fresh water (2421 KLD) from Thane Municipal Corporation and recycled water. Wastewater generated (3,337 KLD) will be treated in six numbers of STPs with total capacity of 3,525 KLD. 1195 KLD of treated water will be recycled for flushing and about 41 KLD for gardening. About 2,028 KLD will be disposed in municipal drains.
 - (vii) About 13,264 kg/d solid waste will be generated in the project. The biodegradable waste (7,959 kg/d) will be processed in mechanical composting and the non-biodegradable waste 5,305 kg/d will be handed over to recyclers.
 - (viii) The total power requirement during construction phase is 500 kVA and will be met from MSEDCL and Total power requirement during operation phase is 21 MW and will be met from MSEDCL.
 - (ix) Rooftop rainwater of the buildings is collected in 10 nos. of tanks with capacity 690 m³.
 - (x) Parking facility for 4490 Nos. four wheelers and 3326 Nos. Motor Cycles are proposed to be provided against the requirement of 4454 Nos. four wheelers, and 3326 Nos. two wheelers respectively (as per local norms).
 - (xi) Proposed energy saving measures would save about 22% of power requirement.
 - (xii) Site is located at 2.7 km from Sanjay Gandhi national Park but as per ESZ notification of SGNP Borivali vide letter no. S.O.3645 (E) dated 05.12.2016, 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.1700.3 Crores.
 - (xv) Employment potential: 725 nos.
 - (xvi) Benefits of the project: Keeping the vision of “Pradhan Mantri AwasYojna/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.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project ‘Expansion of Proposed Residential cum Commercial Project with Rental Housing Scheme at village Balkum, Thane by M/s Dosti Enterprise in a total plot area of 84,134 sqm and built-up of 5,27,405.78 sqm.
- (ii) Earlier Environment Clearance was granted by MoEFCC vide letter no. 21-85/2014-

IA. III dated 18.06.2015 for a total built-up area of 8,33,031.72 sqm.

- (iii) The project/activity is covered under category 'A' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at central level by the sectoral EAC in the Ministry.
- (iv) The project was granted Standard ToR by MoEFCC vide letter No. 21-47/2017-IA-III dated 06.03.2017.
- (v) The proposal was earlier considered in 18th Meeting of Expert Appraisal Committee (Infra-2) held on 25-27 May, 2017, 25th Meeting held on 29-30 November, 2017 and 34th Meeting held on 24-26 September, 2018 wherein the Committee sought some additional information.
- (vi) The Project Proponent submitted/uploaded the additional information on Ministry's website on 11.10.2017, 07.08.2018 and 04.10.2018.

The EAC deliberated upon the information provided by the project proponent including certified compliance report letter No. EC-18-C-78/2014(SEAC)/4016 dated 31.07.2018 (inspection done on 11.07.2018) issued by the MoEF&CC's Regional Office (WCZ), Nagpur. 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) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (vi) Fresh water requirement from Thane Municipal Corporation supply shall not exceed 2421 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- (x) 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 guarding. Excess treated water shall be discharge to Municipal drain with prior permission.
- (xi) The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.
- (xii) The project proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
- (xiii) 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. of rain water harvesting tanks shall be provided.
- (xiv) 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 650 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
- (xv) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.
- (xvi) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- (xvii) Traffic Management Plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

	<p>(xviii) No tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. Adequate area shall be provided for green area development.</p> <p>(xix) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of 4.25 Crore @0.25% of project cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Health, Roads Development, Education, Skill Development Solar Power, Solid Waste Management Facility and Avenue plantation,. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.3.16</p>	<p>Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility at existing Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch by M/s Bharuch Enviro Infrastructure Limited - Reconsideration for Environmental Clearance (IA/GJ/MIS/55789/2016; F.No.10-43/2016-IA-III)</p> <p>The EAC noted the following:-</p> <ul style="list-style-type: none"> (i) The proposal is for Environmental clearance to the project 'Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility at existing Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch by M/s Bharuch Enviro Infrastructure Limited. (ii) The project/activity is covered under category A of item 7(d) 'Common hazardous waste treatment, storage and disposal facilities (TSDFs)' of the Schedule to the EIA Notification, 2006 and its amendments, and requires appraisal at Central level by sectoral EAC. (iii) ToR for the project was granted by MoEF&CC vide Letter No F.No. -10-43/2016-IA-III, dated 26th October 2016. (iv) Public Hearing was exempted by MoEF&CC vide amendment in ToR issued vide letter dated 14th May 2018. (v) The proposal was earlier considered by the EAC in its 32nd meeting held on 2-4 July, 2017 wherein the Committee sought some additional details. (vi) The Project proponent submitted the information and uploaded on Ministry's website on 05.10.2018. <p><i>The Committee noted that this is an expansion project. The EAC deliberated on the proposal including certified compliance report letter No. 18-A-96/2013(Parya)/943 dated 28.08.2017 (inspection done on 06.06.2017) issued by the MoEF&CC's Regional Office</i></p>

(Western Region), Bhopal. 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) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.
- (iii) Ground water abstraction shall be as prescribed by the CGWA. A clearance/permission of the CGWA shall be obtained in this regards.
- (iv) It shall be ensured that all the trees and other plantation are of the non edible varieties and do not in any way encourage the incorporation of toxic materials in the food chain.
- (v) The TSDF should only handle the waste generated from the member units.
- (vi) As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bagfilter/ESP for removal of particulate matter; ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO₂, NO_x and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.
- (vii) Analysis of Dioxins and Furans shall be done through CSIR – National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.
- (viii) The project proponents shall adhere to all conditions as prescribed in the Protocol for 'Performance Evaluation and Monitoring of the Common Hazardous Waste Treatment, Storage and Disposal Facilities' published by the CPCB in May, 2010.
- (ix) Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.
- (x) Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.
- (xi) Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.
- (xii) The depth of the land fill site shall be decided based on the ground water table at the site and may be such as permitted by the Pollution Control Board.
- (xiii) Environmental Monitoring Programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be

	<p>carried out.</p> <p>(xiv) The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.</p> <p>(xv) On line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions.</p> <p>(xvi) No non hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises.</p> <p>(xvii) Gas generated in the Land fill should be properly collected, monitored and flared.</p> <p>(xviii) Project Proponent shall develop green belt with native plant species that are significant and used for the pollution abatement. At least 10 m thick greenbelt shall be developed in the periphery of hazardous waste facility.</p> <p>(xix) Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorisation under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 to prevent unwanted access.</p> <p>(xx) Pre medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.</p> <p>(xxi) Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or non sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water.</p> <p>(xxii) Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.</p> <p>(xxiii) The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.</p> <p>(xxiv) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and as proposed, a fund of Rs. 0.40 Crore @ 1% of project Cost, shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as sanitation, solid waste management and rain water harvesting etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.3.17</p>	<p>Integrated Municipal Solid waste processing facility for Faridabad and Gurgaon Urban Local Bodies at village Bhandwari, District Gurgaon (Haryana) by M/s Directorate of Urban Local Bodies - Environmental Clearance (IA/HR/MIS/59683/2016; F.No. 10-74/2016-IA-III)</p> <p>The project proponent and the accredited Consultants M/s Wolkem India Limited gave a detailed presentation on the salient features of the project and informed that:</p>

- (i) The proposed MSW disposal site is situated in Village Bandhwari, Tehsil & District: Gurgaon in Haryana.
- (ii) The proposed project is categorized under Item "7(i) Common Municipal Solid Waste Management Facility (CMSWMF)" in the EIA Notification, dated September 14, 2006 and its amendments. The project falls under interstate boundary of Haryana and Delhi which is distance about 0.98 km from project site so the proposed project falls under category 'A', it will be appraised by the Expert Appraisal Committee Infrastructure and Miscellaneous Projects + CRZ at Ministry of Environment Forest & Climate Change.
- (iii) Expected Waste Quantity; - 1165 TPD in 2015; 1565 TPD by 2025 and 2100 TPD by 2035. Composting: 147 TPD Sanitary Landfill Design Life of Landfill is 20 Years Power Plant - 15 MW.
- (iv) Ecological Sensitive Areas - Asola Wildlife Sanctuary available within 5.82 km NE direction from the project site.
- (v) Water Requirement Construction Phase- During construction phase water requirement will be about 8-10 KLD which will be brought from municipal corporation Gurugram. Operational Phase- Total water requirement in the project during operational phase will be about 837 KLD which will met from nearby STP at Behrampur by Gurugram Metropolitan Development Authority.
- (vi) Workers in Construction Phase - Around 500 & Operation Phase: 2000 (Including manpower required for Waste collection & Transportation)
- (vii) Power requirement - Power up to 500 KW will be sourced from local grid during construction phase and will be backed up through 1 D.G sets of 630 KVA. During operation phase auxiliary supply from proposed power plant (15 MW) will cater the need of the MSW processing facility and same shall again be backed through Grid supply & DG set.
- (viii) Greenbelt Development Plan:- Greenbelt has been planned in the periphery of the proposed project site which along with the other planned green areas within the site, will cover about 33 % of the total project area
- (ix) Study Period:-The generation of primary data as well as collection of secondary data and information from the site and surroundings was carried out during winter season i.e. December 2016 to February, 2017.
- (x) Public Consultation: Public Hearing was conducted at Project Site, Bandhwari Village, District Gurgaon, Haryana on 21st March 2018 by Haryana State Pollution Control Board Guru and Presided by Shri, R.K. Singh, Additional Deputy Commissioner, Gurugram.
- (xi) Estimated Project Cost is Rs. 330.48 Crores.

The EAC noted the following:-

- (i) The proposal is for Environmental clearance to the project 'Integrated Municipal Solid waste processing facility for Faridabad and Gurgaon Urban Local Bodies at village Bhandwari, District Gurgaon (Haryana) by M/s Directorate of Urban Local Bodies.
- (ii) The project/activity is covered under category A of item 7(i) Common Municipal Solid

- Waste Management Facility (CMSWMF)' of the Schedule to the EIA Notification, 2006 and its amendments, and requires appraisal at Central level by sectoral EAC.
- (iii) Tor for the project was granted by MoEFCC vide letter F.No. 10-74/2016-IA-III dated 27th March, 2017.

The Committee during deliberation noted that earlier environmental clearance was granted for the same site. However, details of the same has not been given in the EIUA report and informed earlier by the project proponent. The committee also noted that at the time of grant of ToR, requirement of forest land was also mentioned in the Form-I besides capacity of waste to energy plant was mentioned as 10 MW earlier. Now, the project proponent has mentioned that there is no requirement of forest land and also capacity of the waste to energy plant has been increased to 15 MW. Project proponent informed that public hearing for the project was conducted on the basis of increased waste to energy plant capacity.

After detailed deliberation on the proposal, the committee asked the project proponent to first apply for the amendment in ToR stating no requirement of forest land and for increased capacity of waste to energy plant i.e. from 10MW to 15 MW.

In view of the foregoing observations, the EAC recommend for delisting of the proposal and asked project proponent to apply afresh for ToR amendment.

Day 2: Tuesday, 30th October, 2018

35.4.1

**Proposed DDA housing at Chilla village extension along with Ghazipur drain, New Delhi by M/s Delhi Development Authority - Environmental Clearance
(IA/DL/MIS/78063/2018; F.No.21-87/2018-IA-III)**

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

- (i) The project is located at 28°35'47.54"N Latitude and 77°18'12.88"E Longitude.
- (ii) The project is new. The total plot area is 8,526.70 sqm. FAR area is 18,945.16 sqm and total construction (built-up area) of 36,938.98 sqm. The project will comprise of Group Housing and EWS Housing. Total 156 Dwelling units and 58 EWS units shall be developed. Maximum height of the building is 59.3 m.
- (iii) During construction phase, total water requirement is expected to be 10 KLD of STP treated water which will be met by Delhi Jal Board, 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 99 KLD and the same will be met by Delhi Jal Board. 70 KLD Fresh water from Delhi Jal Board and 29 KLD Recycled Water. Wastewater generated (80 KLD) will be treated in 1 STPs of total 100 KLD capacity. 72 KLD of treated wastewater will be recycled (24 for flushing, 6 for gardening.) About 43 KLD will be disposed in to municipal drain.
- (v) About 0.494 TPD solid wastes will be generated in the project. The biodegradable waste (0.296 TPD) will be processed in OWC and the non-biodegradable waste generated (0.198 TPD) will be handed over to authorized local vendor.

- (vi) The total power requirement during construction phase is 100 KVA and will be met from BSES and total power requirement during cooperation phase is 2250 KVA and will be met from BSES Delhi.
- (vii) Rooftop rainwater of buildings will be collected in 1 RWH tanks of total 68.68 m³ capacity for harvesting after filtration.
- (viii) Parking facility for 359 ECS four wheelers are to be provided against the requirement of 320 ECS (according to local norms).
- (ix) Proposed energy saving measures would save about 3% of power.
- (x) It is located within 10 km of any Eco Sensitive areas. i.e., Okhla Bird Sanctuary 4.0 Km towards South.
- (xi) NBWL Clearance is not required for the project.
- (xii) Forest Clearance is not required for the project.
- (xiii) There is no court case pending against the project.
- (xiv) Cost of the project is Rs. 62 Crore.
- (xv) Employment potential- Generation of employment for local labours during construction as well as in operation phase.
- (xvi) Benefits of the project –Providing housing facilities.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Proposed DDA housing at Chilla village extension along with Ghazipur drain, New Delhi by M/s Delhi Development Authority in a total plot area of 8,526.70 sqm and built-up of 36,938.98 sqm.
- (ii) The project/activity is covered under category 'A' of item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

The Committee during deliberation noted that the location of proposed project is adjacent to the Ghazipur Drain. The Committee after detailed deliberation sought following additional information:

- (i) Submit Wind pattern of the region.
- (ii) Status and feasibility of the project with respect to Hon'ble NGT order.
- (iii) Study of impact of Ghazipur drain on the project.
- (iv) Submit details of solid waste generated and plan for management of solid waste.
- (v) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained and submitted.
- (vi) The Air Quality Index shall be calculated for base level air quality.
- (vii) A detailed report on compliance to ECBC-2017 norms.
- (viii) Submit detailed traffic impact study duly endorsed by the concerned authority.

In view of the foregoing observations, the EAC recommend to defer the proposal.

	<p><i>The proposal shall be reconsidered after the above essential details are addressed and submitted.</i></p>
<p>35.4.2</p>	<p>Multi Level Parking with Commercial Development at Rajouri Garden, MRTS Station, Shivaji Place, District Center, Raja Garden, New Delhi by M/s Spirit Global Constructions Pvt Ltd - Environmental Clearance (IA/DL/NCP/75878/2018; F.No.21-72/2018-IA-III)</p> <p>(i) The project is located at 28°38'59.24"N latitude and 77°07'21.38"E longitude.</p> <p>(ii) The project is vertical expansion of already existing building (Currently the Built up area is less than 20,000 sqm).</p> <p>(iii) Earlier the building plans were approved with Built up area was less than 20,000 sqm hence the project was exempted from obtaining Environmental Clearance. Now, M/s Spirit Global Constructions Pvt. Ltd. has obtained permission of utilizing additional available FAR from DMRC i.e. 1429.11; due to which the project is going under expansion in terms of floor.</p> <p>(iv) The total plot area is 6797.29 sqm. FSI area 8225.93 sqm and total construction (built-up) area after expansion including FAR and Non-FAR is approx. 22,551.73 sqm. There are 3 floors in the existing operational part of the project having multi brand shopping stores, restaurant etc. CTO for the existing operational phase has been obtained vide consent order no. DPCC/CMC/2017/40575, dated. In the proposed expansion 2 additional floors are proposed in which multi brand shopping stores; restaurant and Multiplex will be provided. Maximum height of the building is 31.70 m.</p> <p>(v) During construction phase, total water requirement is expected to be 10 KLD for drinking purpose will be meet by DJB. During the construction phase, septic tanks have been provided for disposal of waste water. Temporary sanitary toilets will be provided during construction phase.</p> <p>(vi) During operational phase, total water demand of the project is expected to be 124 KLD and the same will be met by 62 KLD fresh water from Delhi Jal Board and 62 KLD recycled water. Wastewater generated (77 KLD) will be treated in in-house STP of 100 KLD capacity. 62 KLD of treated wastewater will be recycled 36 KLD for flushing, 18 KLD for HVAC cooling and 8 KLD for landscaping; leading to zero liquid discharge.</p> <p>(vii) About 0.54337 TPD solid wastes will be generated in the project. The biodegradable waste 0.326022 TPD will be processed in OWC and the non-biodegradable waste generated 0.163011 TPD will be handed over to authorized local vendor.</p> <p>(viii) The total power requirement during operation phase will be 860 kVA BSES Rajdhani Power Ltd.</p> <p>(ix) Rooftop rainwater of buildings will be collected and recharged through 2 Rainwater Harvesting pits.</p> <p>(x) Parking facility for 715 ECS is proposed to be provided against the requirement 165ECS (as per the MoEF&CC norms).</p> <p>(xi) Proposed energy saving measures would save about 1.61% of power.</p>

- (xii) No tree cutting is proposed.
- (xiii) It is not located within 10 km of any Eco Sensitive areas.
- (xiv) No Court Case pending against the project: No
- (xv) Investment/Cost of the project is Rs. 44.31 crores (Existing 40 Crores and additional cost for expansion is 4.31 Crores)
- (xvi) Employment potential: 400-450 Individuals (Direct employment) and almost double individuals will be indirectly involved i.e. Supply chain, vendors, service delivery personnel
- (xvii) Benefits of the project: Will fulfill the growing demand of amusement; eateries and markets.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Multi Level Parking with Commercial Development at Rajouri Garden, MRTS Station, Shivaji Place, District Center, Raja Garden, New Delhi by M/s Spirit Global Constructions Pvt Ltd in a total plot area of 6,797.29 sqm and built-up of 22,551.73 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

The Committee during discussion noted that earlier the building plans were approved with Built up area was less than 20,000 sqm, hence the project was exempted from obtaining Environmental Clearance. Now, M/s Spirit Global Constructions Pvt. Ltd. has obtained permission of utilizing additional available FAR from DMRC i.e. 1429.11; due to which the project is going under expansion in terms of floor. After deliberation on the proposal, the Committee sought following documents/certificates:

- (i) Submit copy of valid Consent to Operate issued by the State Pollution Control Board for existing project.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC-2017 norms.
- (iv) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (v) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (vi) A certificate from the competent authority handling municipal solid wastes, indicating

	<p>the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p><i>In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.</i></p>
<p>35.4.3</p>	<p>Proposed Police Training School Complex, Jharoda Kalan and Dechaun Kalan Villages, Najafgarh Tehsil, South West Delhi District, Delhi by M/s Delhi Police - Environmental Clearance</p> <p>(IA/DL/NCP/75121/2018; F.No.21-55/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Bhagavathi Ana Labs Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is located at 28°38'19.51"N to 28°38'41.07"N Latitude and 76°57'26.04"E to 76°57'50.75"E Longitude. (ii) The project is new. The total plot area is 3,02,535 sqm, total construction (built-up) area of 85,269.98 sqm. Maximum of G+6 floors shall be developed. The proposed complex has different level of buildings some are below 15 meter height and some are above 15 meter height. Maximum height of the buildings is 23.70 m. (iii) During construction phase, total water requirement is expected to be 400 KLD which will be met by 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. (iv) During operational phase, total water demand of the project is expected to be 556 KLD, which will be met through fresh water (318 KLD) from Delhi Jal Board and 238 KLD treated recycled wastewater. Wastewater generated (384 KLD) will be treated in one STP of total 385 KLD capacity based on SBR technology. 308 KLD of treated wastewater will be recycled and reused (164 KLD for flushing, 75 KLD for gardening and remaining 69 KLD utilized for water sprinkling on roads, HVAC makeup, etc.). No wastewater will be disposed into municipal drain under normal circumstances. (v) About 1.470 TPD of municipal solid waste will be generated by residents in 4 Barrack Buildings, 4 Residential Buildings, GO Mess Building and Quarter Guard Building, Academic Block, Administrative Block, Communication Block, Auditorium Block and Visitors Block. The waste will be carted to Central Solid Waste Management Facility for further segregation and disposal. Organic waste shall be vermi-composted, whereas scrap material will be disposed to the scrap dealers/municipal authorities as per approved procedure. (vi) The total power requirement during operation phase is 2020 KVA and will be met from BSES. 2 Nos of 1250 KVA, 11 KV/ 433 V, Oil Type Transformers have been proposed. It is proposed to generate about 2 % of the total power demand through Solar rooftop panel system with the available terrace area. 120 Nos of solar panels with size of the 1640x990 mm and 30 KW capacity have been proposed for the same. Two captive DG sets of 500KVA / 415V LT have been proposed as backup arrangement (vii) Rooftop rainwater of buildings will be collected in 14 RWH pits of total 281.17 KLD capacity for harvesting.

- (viii) Parking facility for 1240 ECS is proposed to be provided against the requirement of 1185 ECS.
- (ix) Proposed energy saving measures would save about 2 % of power.
- (x) The project site is located more than 25 km of Okhla Bird Sanctuary and Asola Wildlife Sanctuary Eco Sensitive areas. Hence NBWL Clearance is not required.
- (xi) Forest Clearance is not required.
- (xii) No Court case is pending against the project.
- (xiii) Investment/Cost of the project is Rs 105.005 Crore.
- (xiv) Employment potential: Apart from temporary employment opportunities for construction workers, the proposed project will accommodate 1820 trainees in Barrack Buildings, 391 persons in Residential Buildings and 72 persons in GO's Mess Building, apart from Guard quarters and other institutional buildings.
- (xv) Benefits of the project: The Police Training School has been proposed with an objective of providing Security (Police) Training under one roof.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Proposed Police Training School Complex, Jharoda Kalan and Dechaun Kalan Villages, Najafgarh Tehsil, South West Delhi District, Delhi by M/s Delhi Police in a total plot area of 3,02,535 sqm and built-up of 85,269.98 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

The Committee was also informed that earlier tree cutting was proposed for 181 trees but now it has been revised and only 78 trees will be cut/transplanted with prior permission from the concerned Authority. The Committee advised the project proponent to minimize the cutting/transplantation of trees as much as possible.

The EAC, based on the information submitted and clarifications provided by the Project Proponent and detailed discussions held on all the issues, 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) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory

	<p>Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.</p> <p>(v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.</p> <p>(vi) Fresh water requirement from DJB water shall not exceed 318 KLD.</p> <p>(vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.</p> <p>(viii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.</p> <p>(ix) 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, gardening water sprinkling on roads and HVAC makeup. No treated water shall be discharged to municipal drain.</p> <p>(x) The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.</p> <p>(xi) The project proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats</p> <p>(xii) 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 14 nos. of rain water harvesting recharge pits shall be provided for rain water harvesting after filtration as per CGWB guidelines.</p> <p>(xiii) 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 area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.</p> <p>(xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.</p> <p>(xv) As proposed, adequate provision will be made for car/vehicle parking at the</p>
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	<p>proposed project site. There shall also be adequate parking provisions for visitors so as not to disturb the traffic and allow smooth movement at the site.</p> <p>(xvi) No tree transplantation should be carried out unless exigencies demand. Where absolutely necessary, tree transplantation shall be with prior permission from the Tree Authority constituted as per the Delhi Preservation of Trees Act, 1994 (Delhi Act No. 11 of 1994). Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted). In case of non-survival of any transplanted tree, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree) shall be done and maintained.</p> <p>(xvii) 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 12,500.04 sqm area shall be provided for green area development.</p> <p>(xviii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 157.81 Lacs @1.5% of project Cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as providing Employment through self help groups, plantation, Agriculture, Social Initiatives, Road Development, Education and EMP measures. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.4.4</p>	<p>Proposed New Medicine, Maternity and Advanced Pediatric Center for Lok Nayak Hospital by M/s Government of NCT Delhi - Environmental Clearance (IA/DL/NCP/75988/2018; F.No.21-101/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Aplinka Solutions & Technologies Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project is located at 28°31'19.59"N latitude and 77°14'09.14"E longitude.</p> <p>(ii) The proposal is for environmental clearance to the project 'Proposed New Medicine, Maternity and Advanced Pediatric Center' for Lok Nayak Hospital. It is a fresh project and no construction has been done at the project site.</p> <p>(iii) The total plot area is 17,405 sqm. FSI area is 57,960 sqm and total construction (built-up) area of 1,08,590 sqm. The project will comprise of 1 building. Maximum height of the building is 96.8m.</p> <p>(iv) During construction phase, total water requirement is expected to be 450 ML which will be met by private water tanker. During the construction phase, 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</p>

1146KLD and the same will be met by 608 KLD fresh water from Delhi Jal Board and 538 KLD recycled water. Wastewater generated (774 KLD) will be treated in STP of capacity 650 KLD and ETP of capacity 275 KLD. 538 KLD of treated wastewater will be recycled in DG cooling (28 KLD), Flushing (270 KLD), HVAC (212 KLD, Filter Backwash (18 KLD)& horticulture (10 KLD). About 163 KLD of the treated wastewater from STP/ETP will be disposed in to municipal drain.

- (vi) About 3.15 TPD solid wastes will be generated in the project. The biodegradable waste 0.17 TPD will be processed in organic waste convertor and the non-biodegradable waste generated 2.98 TPD will be handed over to authorized local vendor.
- (vii) The total power requirement during operation phase is 4.51 MVA and will be met by BSES Rajdhani Power Limited.
- (viii) Rooftop rainwater of buildings will be collected in 3 rain water harvesting pits of total 107.31 KLD capacity for harvesting after filtration.
- (ix) Parking facility for 1185 ECS is proposed to be provided against the requirement 1160 ECS (as per the local norms).
- (x) Proposed energy saving measures would save about 1% of power.
- (xi) No tree cutting is proposed.
- (xii) It is not located within 10 km of any Eco Sensitive areas. NBWL Clearance is not required.
- (xiii) There is no court case pending against the project.
- (xiv) Investment/Cost of the project is Rs. 533.9 crores.
- (xv) Employment potential: 500 people.
- (xvi) Benefits of the project: Catering the need for growing demand of medical facilities.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project Proposed New Medicine, Maternity and Advanced Pediatric Center for Lok Nayak Hospital by M/s Government of NCT Delhi in a total plot area of 17,405 sqm and total construction (built-up) area of 1,08,590 sqm.
- (ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its amendments, and requires appraisal at State level. However, due to non-existence of SEIAA/SEAC in Delhi, the proposal is appraised at Central level by sectoral EAC.

The committee observed that the hospital was commissioned in 1930 as Irwin Hospital. Now the Government of National Capital Territory has planned to develop the New Medicine, maternity and Advanced Paediatric Centre for Lok Nayak Hospital on a plot area measuring 17,405 sqm. The EAC asked the project proponent to submit following documents:

- (i) Submit copy of valid Consent to Operate issued by the State Pollution Control Committee for existing hospital project.
- (ii) Submit an authorization under the Bio-Medical Waste Management Rules, 2016 or

	<p>its earlier versions.</p> <ul style="list-style-type: none"> (iii) The Air Quality Index shall be calculated for base level air quality. (iv) A detailed report on compliance to ECBC-2017 norms. (v) A detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. and shall also have their consent to the implementation of components of the plan which involve the participation of these departments. (vi) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (vii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. (viii) Submit plan for Effluent Treatment Plant for treatment of effluent generated from the hospital/laboratory. (ix) A management plan for handling and disposal of biomedical wastes to the satisfaction of the State Pollution Control Board shall be drawn up in conformance to the Biomedical Waste Management Rules, 2016. (x) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be submitted. <p><i>In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.</i></p>
<p>35.4.5</p>	<p>‘Hostel Block for PGIMER’ at Dr. RML Hospital, New Delhi by M/s Hospital Services Consultancy Corporation Limited - Environmental Clearance (IA/DL/NCP/76123/2018; F.No.21-102/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Gaurang Environmental Solutions Pvt Ltd gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The proposal is for environmental clearance to the project ‘Hostel Block for PGIMER’ at Dr. RML Hospital, New Delhi by M/s Hospital Services Consultancy Corporation Limited. It is a fresh project and no construction has been done at the project site. (ii) The project is located at 28°37'35.62"N Latitude and 77°11'57.40"E Longitude. (iii) The total plot area is 3,300 sqm and total built-up area of 38,153.48 sqm. The project will involves the expansion of existing hospital with two blocks namely

hospital block and super speciality block within the existing Dr. Ram Manohar Lohia Hospital premises. The block wise details are as under:

Hostel Block		
1.	Number of floors	1B+2B+3B+GF+20 Floors
2.	Maximum height	72.6 m
3.	Numbers of wings	3 (A, B & C)
4.	Total No of rooms	824 (Single occupancy)
Super Speciality Block		
1.	Number of floors	1B+2B+3B+GF+16 floors
2.	Maximum height	70 m
3.	Total No. of beds	532 nos
4.	Total no consultant rooms	96 nos
5.	Total no of O.Ts	14 nos (7+7)

- (iv) During construction phase, total water requirement is expected to be 9 KLD which will be met by existing water supply. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (v) During operational phase, total water demand of the project is expected to be 121 KLD (Fresh: 59 KLD & Treated: 62 KLD) and fresh water will be met by existing water supply of Dr. RML Hospital and the 62 KLD recycled water. Wastewater generated (67 KLD) will be treated in STP of capacity 100 KLD. 62 KLD of treated wastewater will be recycled (20 KLD for flushing, 42 KLD for landscaping and general washing).
- (vi) Total solid waste generated, will be around 362 kg/day, out of which Biodegradable waste will be composted through organic waste converter & non- biodegradable waste will be disposed off through authorized recycler or sent to municipal site. The solid waste generated will be disposed off as per SWM Rules, 2016.
- (vii) The total power requirement during operation phase is 4316 KW (connected load) and will be met from 33 kV nearest GSS Supply.
- (viii) Rooftop rainwater of buildings will be collected in 1 RWH structures of total 100.18 m³/hr capacity for harvesting after filtration.
- (ix) Parking facility for 560 ECU is proposed to be provided against the requirement of 541 ECU (according to local norms)
- (x) Achieved Landscaped Area will be 500 sqm (15%) of Plot Area. Approximately 45 trees are proposed to be planted within the premises.
- (xi) Proposed energy saving measures would save about maximum 15% of power. Total light load can be reduced by 40% by use of LED lamps in place of fluorescent/ incandescent lamps. Total landscape and street light load will be reduced by 20% by use of solar powered fixtures. Lift load can be reduced by 23% by use of VF drives. 20% of the hot water requirement will be met through solar panels.

	<p>(xii) It is not located within 10 km of any Eco Sensitive areas.</p> <p>(xiii) There is no court case pending against the project.</p> <p>(xiv) Investment/Cost of the project is Rs.131.82 crores.</p> <p>(xv) Employment potential: The Project in the area envisages employing 20 people.</p> <p>(xvi) Benefits of the project: The Project will generate the indirect employment around the project area.</p> <p><i>During deliberations, the EAC noted the following:-</i></p> <p>(i) The proposal is for grant of environmental clearance to the project 'Hostel Block for PGIMER' at Dr. RML Hospital, New Delhi by M/s Hospital Services Consultancy Corporation Limited in a total plot area of 3,300 sqm and total construction (built-up) area of 38,153.48 sqm.</p> <p>(ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its amendments, and requires appraisal at State level. However, due to non-existence of SEIAA/SEAC in Delhi, the proposal is appraised at Central level by sectoral EAC.</p> <p><i>The committee observed that the project is named as 'Hostel Block for PGIMER' at Dr. RML Hospital, New Delhi. However, the project proponent has also mentioned Super Specialty Block in Form-IA/Conceptual Plan as submitted. The project proponent informed that only Hostel Block is proposed and other entities are mentioned by mistake. The Committee asked the project proponent to submit revised proposal i.e. Form-I, IA and Conceptual Plan and also to check the applicability of the EIA Notification, 2006 on the proposal.</i></p> <p><i>In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.</i></p>
<p>35.4.6</p>	<p>'Modernization of Sir Ganga Ram Hospital' at Sir Ganga Ram Hospital Marg, Rajinder Nagar, New Delhi by M/s Sir Ganga Ram Hospital - Environmental Clearance</p> <p>(IA/DL/NCP/75246/2018; F.No.21-103/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Perfact Enviro Solutions Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project will be located at Latitude- 28°38'18.88"N and longitude- 77°11'21.34"E. It is modernization in existing Environmental Clearance due to change in planning hence increase in Built-up area. Environmental Clearance has already been obtained from SEIAA-Delhi vide File No. DPCC/SEIAA-SEAC/130/11/252-256 dated 13-08-2012 for Plot area of 48422.35 sqm and built – up area of 107325.327 sqm for development of hospital.</p> <p>(ii) The proposed project is "Modernization of Sir Ganga Ram Hospital" at Sir Ganga Ram Hospital Marg, Rajinder Nagar, New Delhi-11006. The project shall be developed by Sir Ganga Ram Hospital. The total plot area of the project is 48,422.35 sqm and total built-up area will be 1,08,188.076 sqm. Hence, it falls</p>

	<p>under category 'B' under Schedule 8 (a) of the EIA notification, 2006.</p> <p>(iii) At present, Hospital is constructed and operational. Construction on built up area 82,282.30 sqm has already been done. Now due to change in planning, total built up area after modernization will be 1,08,188.076 sqm.</p> <p>(iv) During the construction of the proposed project, the water shall be sourced through Delhi Jal Board/Borewells (Existing and same will be followed in future) and the same will be maintained without any adverse impact on the environment. Temporary sanitary toilets shall be provided during peak labour force.</p> <p>(v) The total water requirement after modernization will be 1090 KLD (Existing water requirement is 710 KLD and proposed water requirement is 380 KLD). The source of water will be Delhi Jal Board/Bore wells. The total waste water generation will be 720 KLD from STP and 10 KLD from ETP. The effluent 10 KLD generated from the laboratory will be treated in ETP of 30 KLD and then retreated in STP of capacity of 1000 KLD. The waste water shall be treated through Sewage Treatment Plant (STP) of capacity 1000 KLD and Effluent Treatment Plant (ETP) of capacity 30 KLD. 485 KLD treated water will be reused in flushing, gardening, & Chiller Cooling and 199 KLD treated water will be used MCD Park.</p> <p>(vi) Solid waste generation from the project after modernization will be 1214 Kg/day of Municipal solid waste and out of which the biodegradable waste (850 Kg/day) shall be treated in organic waste converter and converted to manure, recyclable waste generated (364 Kg/day) and Bio-medical waste (265 Kg/day) will be handed over to authorized recycler and Used Oil of 96 lit/month shall be collected in leak proof containers at isolated place and then it will be given to approved vendor of CPCB. E- Waste of 12 kg/ month will be collected and given to approved recycler of SPCB.</p> <p>(vii) The total power requirement will be 9 MVA (Existing power requirement is 5.5 MVA and proposed 3.5 MVA). D.G. Set of 2 x 2250 KVA, 2 x 2000 KVA, 2 x 1875 KVA, & 3 x 625 KVA shall be installed (Existing nos. DG Sets are 2x 2000 KVA, 2x1875 KVA, 3x 750 KVA and 3x 625 KVA installed and proposed nos. of DG Sets are 2x2250 KVA) and kept 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 has been provided for existing DG sets and same shall be done for proposed DG sets to reduce the air emissions, meeting all the norms prescribed by CPCB.</p> <p>(viii) Rainwater of buildings will be collected in 15 No. of RWH pits (Existing 12 nos. of RWH pits are present and 3 nos. of RWH are proposed) for recharging Ground water.</p> <p>(ix) Adequate parking provision shall be provided in the project of 1076 ECS as Basement parking, Multi-level parking & surface parking.</p> <p>(x) Eco-sensitive area lies within 10 km radius. Okhla Bird Sanctuary- 12.87 Km SE.</p> <p>(xi) There is no court case pending against the project.</p> <p>(xii) Investment/Cost of the project -Rs. 100 Crores.</p> <p>(xiii) Employment potential – Labourers during construction phase 150 no. Total population of the complex after modernization will be 7592 Nos. (In patient - 932 no., OPD- 2000 no., Working Staff- 250 no., Doctor Staff- 710, Supporting staff 2300 no. & Visitors-1400). Existing population is 5535 persons.</p>
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- (xiv) Benefits of the project: The Hospital will boost some of the best medical care infrastructure in the country which is currently available in major hospitals in India AIIMS, New Delhi, R & R Hospital of the Army in New Delhi. The hospital will have its own dedicated Service Apartments specially for old age patients. The hospital will provide world class medical facilities to patients. It will also provide 24x7 Ambulance facility. The Hospital will provide employment to labourers during construction phase and employment to personnel working in the hospital during operation phase. The Hospital will also enhance the infrastructure facility of the area.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Modernization of Sir Ganga Ram Hospital' at Sir Ganga Ram Hospital Marg, Rajinder Nagar, New Delhi by M/s Sir Ganga Ram Hospital in a total plot area of 48,422.35 sqm and total construction (built-up) area of 1,08,188.076 sqm.
- (ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its amendments, and requires appraisal at State level. However, due to non-existence of SEIAA/SEAC in Delhi, the proposal is appraised at Central level by sectoral EAC.
- (iii) Environmental Clearance has been granted by SEIAA, Delhi vide File No. DPCC/SEIAA-SEAC/130/11/252-256 dated 13.08.2012 for plot area of 48,422.35 sqm and built-up area of 1,07,325.327 sqm for development of hospital.

The EAC deliberated on the proposal including certified compliance report letter No. 4-1076/12/254 dated 02.05.2018 (inspection done on 13.08.2018) issued by the MoEF&CC's Regional Office (CR), Lucknow and noted that most of the conditions of the EC were complied.

The EAC, based on the information submitted and clarifications provided by the Project Proponent and detailed discussions held on all the issues, 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) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition

and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.

- (vi) Fresh water requirement from DJB water shall not exceed 300 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- (ix) 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. No treated water shall be discharged to municipal drain.
- (x) The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.
- (xi) The project proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats
- (xii) 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, 200 KL Rain Water Tank & 15 nos. of rain water harvesting recharge pits shall be provided for rain water harvesting after filtration as per CGWB guidelines.
- (xiii) 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, 100 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
- (xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- (xv) A management plan for handling and disposal of biomedical wastes to the satisfaction of the State Pollution Control Board shall be drawn up in conformance to the Biomedical Waste Management Rules, 2016.
- (xvi) Laboratory wastes shall be managed in accordance to the BMW Rules, 2016 and the atomic Energy Commission regulations as applicable.

- (xvii) As proposed, adequate provision will be made for car/vehicle parking at the proposed project site. There shall also be adequate parking provisions for visitors so as not to disturb the traffic and allow smooth movement at the site.
- (xviii) As proposed, no tree will be cut. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 16,165.942 sqm area shall be provided for green area development.
- (xix) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 1 Crore @1% of project Cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as providing Employment through self help groups, plantation, Agriculture, Social Initiatives, Road Development, Education and EMP measures. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

35.4.7

Expansion of proposed Commercial Colony of area measuring 7.462 Acres in sector-74, Gurgaon, Haryana by M/s Prompt Engineering Pvt Ltd - Environmental Clearance

(IA/HR/MIS/80837/2018; F.No.21-106/2018-IA-III)

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

- (i) The project is expansion of Commercial Colony in existing plot located at 28.401560 to 28.403029 N (Latitude) and 77.007086 To 77.009850 E (Longitude).
- (ii) Earlier Environment Clearance for the project Proposed Commercial Colony of area measuring 7.462 Acres in sector-74, Gurgaon, Haryana by M/s Prompt Engineering Pvt. Ltd. was granted vide SEIAA/HR/2018/59 dated 30.01.2018 for builtup area 76,594.14 sqm and plot area of 30,197.59 sqm (7.462 ha).
- (iii) For proposed expansion, total built up area after expansion be 1,59,210.66 sqm in plot area of 30,197.59 sqm. The project will comprise of 11 building blocks, 285 dwelling units and commercial area. Maximum height of the building is 112 m. Green cover is proposed as 6040 sqm @20% of plot area. The details are as follows:

SN	Description	As per EC letter	Proposed
1	Plot Area	30197.59 sqm	30197.59 sqm
2	Proposed Built Up Area	76594.14 sqm	159210.66 sqm
3	No. of Building Blocks	5 Nos.	11 Nos.
4	No. of Floors	2B+LG+G+UG+5	2/3B+LG+G+UG+28
5	Max Height of Building	29.05 M	112.00 M
6	Total Water Requirement	275 KLD	1100 KLD
7	Fresh Water Requirement	105 KLD	303 KLD
8	Total Waste Water Generation	223 KLD	413 KLD
9	STP Capacity	270 KLD	500 KLD

10	Total Power Requirement	4780 KW	8760 KW
11	Proposed Green Area	5059.91 sqm	6040 sqm
12	Total Proposed Parking	1088 ECS	1890 ECS
13	Total Solid Waste Generation	1.33 TPD	3.64 TPD

- (iv) During construction phase, total water requirement is expected to be 130 KLD during peak construction activity. The estimated domestic water requirement during construction phase is approximately 12.75 KLD. During construction phase, water demand will be met through authorized tankers.
- (v) During operational phase, total water demand of the project is expected to be 1100 KLD with fresh water requirement of 303 KLD and use of 797 KLD of recycled water. Freshwater will be sourced from HUDA water supply. Wastewater generated (413 KLD) will be treated in STP of total 500 KLD capacity. 330 KLD of treated wastewater will be recycled and 467 KLD of additional treated water will be sourced from nearby STP through tankers. Total 797 KLD treated water will be used (171 KLD for flushing, 21 KLD for gardening & 605 KLD for DG cooling and HVAC). No treated/untreated water will be disposed into municipal drain.
- (vi) About 3.64 TPD municipal solid wastes will be generated in the project.
- (vii) The total power requirement during operation phase is 8760 kW and will be met from Dakshin Haryana Bijli Vitran Nigam and DG Sets (standby).
- (viii) Rooftop rainwater of buildings will be collected in 8 Rain Water Harvesting Pits with appropriate capacity for harvesting after filtration.
- (ix) Parking facility for 1890 ECS is proposed to be provided.
- (x) Proposed energy saving measures would save about 13% of power.
- (xi) No Eco Sensitive area is located within 10 km radius.
- (xii) There is no court case pending against the project.
- (xiii) Investment cost of the project is Rs. 320 Crores.
- (xiv) Employment potential about 400 jobs.
- (xv) Benefits of the project: Better and economical residential services.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project Expansion of proposed Commercial Colony of area measuring 7.462 Acres in sector-74, Gurgaon, Haryana by M/s Prompt Engineering Pvt. Ltd.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.
- (iii) Previous Environment Clearance granted by SEIAA, Haryana vide SEIAA/HR/2018/59 dated 30.01.2018 for built up area 76,594.14 sqm and plot area of 30,197.59 sqm (7.462 ha).
- (iv) Terms of Reference (ToR) granted by SEIAA, Haryana vide SEIAA/HR/2018/1130 dated 20.08.2018.

The EAC deliberated on the proposal including certified compliance report letter No. 16-57/2018-RO(NZ)/1121 dated 28.09.2018 (inspection done on 25.07.2018) issued by the MoEF&CC's Regional Office (NZ), Chandigarh and noted that most of the conditions of the EC were complied.

The EAC, based on the information submitted and clarifications provided by the Project Proponent and detailed discussions held on all the issues, 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) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (vi) Fresh water requirement from HUDA water shall not exceed 303 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- (ix) 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 and HVAC makeup. No treated water shall be discharged to municipal drain.
- (x) The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.
- (xi) The project proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water,

	<p>efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats</p> <p>(xii) 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, 8 nos. of rain water harvesting recharge pits shall be provided for rain water harvesting after filtration as per CGWB guidelines.</p> <p>(xiii) 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 area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.</p> <p>(xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.</p> <p>(xv) As proposed, adequate provision will be made for car/vehicle parking at the proposed project site. There shall also be adequate parking provisions for visitors so as not to disturb the traffic and allow smooth movement at the site.</p> <p>(xvi) 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 6,040 sqm area shall be provided for green area development.</p> <p>(xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 4.80 Crore @1.5% of project Cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation for drinking water, sanitation, health, education, skill development, road, solid waste management facility, rain water harvesting, soil moisture conservation works and avenue plantation as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.4.8</p>	<p>Proposed Expansion of Commercial Colony on total area measuring 11.1375 Acres in the revenue estate of village Maidawas, Sector-67, Gurugram, Haryana for Part Area of 2.9125 Acres (Pocket-2) by M/s Martial Buildcon Pvt Ltd - Environmental Clearance</p> <p>(IA/HR/MIS/81492/2018; F.No.21-107/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a detailed presentation on the salient features of the project and informed that:</p>

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

- (i) The project is expansion of Commercial Colony in existing plot located at 28°23'31.8" N to 77°03'58.03" E.
- (ii) M/s Martial Buildcon Pvt. Ltd. proposes for Expansion of Commercial Colony on total area measuring 11.1375 Acres in the revenue estate of village Maidawas, Sector-67, Gurugram, Haryana for Part Area of 2.9125 Acres (Pocket-2). Proposed project will be developed on a total plot area 45071.49 sq m with built up area 179229.35 sqm. The proposed expansion is in Pocket 2 on plot area 11786.45 sqm and proposed built-up area will be 68221.35 sqm. The details are as follows:

	Pocket 1		Pocket 2	Total
Plot Area (Acres)	8.2125 Acres		2.9250 Acres (11786.45 sqm)	11.1375 (45071.49 sqm)
	2.81875 Acres	5.39 Acres		
Built Up Area (sqm)	39398 sqm	71610 sqm	68221.35 sqm	179229.35 sqm

- (iii) Earlier Environment Clearance of Pocket-2 for built-up area 46344.48 sqm has been obtained from SEIAA, Haryana vide No. SEIAA/HR/2018/601 dated 15.06.2018.
- (iv) For proposed expansion, total built up area after expansion be 1,79,229.35 sqm in plot area of 45,071.49 sqm. The project will comprise of 1 building block. Maximum height of the building is 83.78 m (upto terrace level). Green cover is proposed as 2947 sqm @25% of pocket area. The details are as follows:

SN	Description	As per EC letter	Proposed
1	Total Plot Area	45071.49 Sqm	45071.49 Sqm
2	Pocket Area	11786.45 Sqm	11786.45 Sqm
3	Proposed Built Up Area	46344.48 Sqm	68221.35 Sqm
4	No. of Building Blocks	1 Nos.	1 Nos.
5	No. of Floors	3B+LG+UG+4	3B+LG+UG+18
6	Max Height of Building	24.50 M	83.78 M
7	Total Water Requirement	227 KLD	260 LD
8	Fresh Water Requirement	66 KLD	92 KLD
9	Total Waste Water Generation	112 KLD	140 KLD
10	STP Capacity	135 KLD	170 KLD
11	Total Power Requirement	4468 KW	4463 KW
12	Proposed Green Area	2947 Sqm	2947 Sqm
13	Total Proposed Parking	558 ECS	705 ECS
14	Total Solid Waste Generation	0.76 TPD	1.05 TPD

- (v) During construction phase, total water requirement is expected to be 100 KLD during peak construction activity. The estimated domestic water requirement during construction phase is approximately 4.25 KLD. During construction phase, water demand will be met through authorized tankers.
- (vi) During operational phase, total water demand of the project is expected to be 260 KLD with fresh water requirement of 92 KLD and use of 168 KLD of recycled water. Freshwater will be sourced from HUDA water supply. Wastewater generated (140 KLD) will be treated in STP of 170 KLD capacity. 112 KLD of treated wastewater will

	<p>be recycled and 56 KLD of additional treated water will be sourced from nearby STP through tankers. Total 168 KLD treated water will be used (66 KLD for flushing, 9 KLD for gardening & 93 KLD for DG cooling and HVAC). No treated/untreated water will be disposed into municipal drain.</p> <p>(vii) About 1.05 TPD municipal solid waste will be generated in the project.</p> <p>(viii) The total power requirement during operation phase is 4463KW and will be met from Dakshin Haryana Bijli Vitran Nigam and DG Sets (standby).</p> <p>(ix) Rooftop rainwater of buildings will be collected in 3 Rain Water Harvesting Pits with appropriate capacity for harvesting after filtration.</p> <p>(x) Parking facility for 705 ECS is proposed to be provided.</p> <p>(xi) Proposed energy saving measures would save about 22.7% of power.</p> <p>(xii) No Eco Sensitive area is located within 10 km radius.</p> <p>(xiii) There is no court case pending against the project.</p> <p>(xiv) Investment / Cost of the project is Rs. 122 Crores.</p> <p>(xv) Employment potential about 400 jobs.</p> <p>(xvi) Benefits of the project: Employment will be generated during construction as well as during operation phase.</p> <p>During deliberations, the EAC noted the following:-</p> <p>(i) The proposal is for grant of Environmental Clearance to the project Expansion of Commercial Colony on total area measuring 11.1375 Acres in the revenue estate of village Maidawas, Sector-67, Gurugram, Haryana for Part Area of 2.9125 Acres (Pocket-2) by M/s Martial Buildcon Pvt. Ltd.</p> <p>(ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.</p> <p>(iii) Previous Environment Clearance granted by SEIAA, Haryana vide No. SEIAA/HR/2018/601 dated 15.06.2018 for built up area 46,344.48 sqm.</p> <p>(iv) Terms of Reference (ToR) was recommended by SEAC, Haryana in its meeting held on 13.08.2018.</p> <p><i>The Committee during discussion was informed that the project was granted two environmental clearances for Pocket-1 and Pocket-2 respectively. Now the project proponent has sought expansion in Pocket-2. The Certified Compliance report of the Pocket-2 has been issued by HSPCB vide letter no. HSPCB/GRN/2018/4691. However, the Certified Compliance Report of the Pocket-1 is not submitted by the project proponent. The Committee asked the project proponent to submit the same.</i></p> <p><i>In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.</i></p>
35.4.9	<p>Common Effluent Treatment Plant (CETP) at Tripura Mega Food Park, Tulakona, West Tripura, Tripura by M/s Sikaria Mega Foodpark Private Limited - Environmental</p>

Clearance**(IA/TR/MIS/77794/2018; F.No.10-25/2018-IA-III)**

The project proponent and the Consultant M/s Shri Environmental Technology Institute gave a detailed presentation on the salient features of the project and informed that:

- (i) M/s Sikaria Mega Food is proposing to establish a Common Effluent Treatment Plant (CETP), having 1.0 MLD ultimate capacity for treatment and disposal of industrial effluent from its member units. Proposed CETP project will be designed for effluent generated from food industries located in of Tripura Mega Food Park Premises. Technical Specifications of the CETP are as follows:

Source of Waste	Water Food Processing Units Effluent & Sewage Plant Treatment
Capacity (KLD/day)	1 MLD
Hours of Operation	24 Hours
Design Flow (m ³ /hr)	37.60 (m ³ /hr)
Technology	UASB + MBBR
Position of Plant	Underground/Aboveground

- (ii) This proposed project for establishment of CETP, falls under category 7(h) of Schedule of EIA Notification, 2006 and subsequent amendments there under. However, due to non existence of SEIAA/SEAC in Tripura, the proposal is appraised at Central level.
- (iii) There will be 30-35 member units for the proposed CETP project. The project is for Common Effluent Treatment Plant for the effluent being generated from the food industries located in Mega Food Park Premises.
- (iv) Total land area required for proposed CETP will be 4,046.86 sqm.
- (v) Total fresh water consumption at CETP will be 2.5 KLPD.
- (vi) Total power load for entire CETP will be 300 KW and will be satisfied through Tripura State Electricity Corporation Limited. With a view to have continuous operation of CETP including the biological treatment plant during failure of power supply from the grid and to have emergency lighting, it is proposed to have 1 no. of DG set (capacity 250 KVA) exclusively for CETP. Diesel @ 30 L/hr (max.) shall be required as a fuel for DG set.
- (vii) Approximately more than 30% area of the total land has been earmarked for development of green belt and green space. For development and maintenance of green belt the services of qualified horticulturist will be rendered.
- (viii) The estimated cost for the project for CETP will be Rs. 2.00 Crores.
- (ix) Benefit of the project: The proposed project may provide ample trade opportunities particularly related to supply of effluent treatment chemicals, supply of construction materials etc. There will be increase in the local trade indirectly benefiting the local people.

The EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project 'Common Effluent Treatment Plant (CETP) at Tripura Mega Food Park, Tulakona, West

Tripura, Tripura by M/s Sikaria Mega Foodpark Private Limited.

- (ii) The project/activity is covered under category 'B' of item 7(h) 'CETPs' of the Schedule to the EIA Notification, 2006, and requires appraisal at SEAC level. However due to non existence of SEIAA/SEAC in Tripura, the proposal is appraised at Central level.
- (iii) Terms of Reference to the project was granted by MoEFCC vide letter F.No. 10-25/2018-IA-III dated 12.06.2018.

The Committee deliberated upon the information provided by the project proponent. It was informed to the Committee that the Tripura State Pollution Control Board vide its letter No. F.6(26)/TSPCB/S/7397-99 dated 14.08.2018 has informed that the project is exempted from Public Hearing since it is proposed in Notified Industrial Area. The Committee agreed upon it.

The EAC, on being satisfied with the submissions of the project proponent in response to its observations, 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) The project proponents will implement the project only after getting Consent to Establish from the Tripura Pollution Control Board.
- (ii) The project proponent shall obtained inlet quality standard parameter from the State Pollution Control Board and shall be complied with.
- (iii) There shall be Flow meters at inlet and outlet of CETP to monitor the flow. Suitable meters shall be provided to measure the quantity of effluent received, quantity of effluent recycled/reused and discharged.
- (iv) The units and the CETP will maintain daily log book of the quantity and quality of discharge from the units, quantity of inflow into the CETP, details of the treatment at each stage of the CETP including the raw materials used, quantity of the treated water proposed to be recycled, reused within the textile park/units, quantity of the treated effluent discharged. All the above information shall be provided on-line of the web site exclusively prepared for the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP will also be provided along with details of the workers of the CETP.
- (v) Periodical monitoring shall be carried out for the functioning of CETP and outlet parameters.
- (vi) The MoU between CETP and member units shall indicate the maximum quantity of effluent to be sent to the CETP along with the quality.
- (vii) Individual members to the CETP shall treat their effluents in Primary treatment systems to the Inlet quality standards of the CETP as prescribed by the State Pollution Control Board.
- (viii) Individual Members shall segregate their wastes in to concentrated and diluted streams and also as per the nature of chemical contamination vis. Cr⁺⁶, Ni, Pb, Zn etc and store them as per conditions to be specifically imposed in this regards by the State Pollution Control Board.
- (ix) Chemical recovery and reuse, either in-house or outside shall be practiced to the satisfaction of the State Pollution Control Board. Use in agriculture shall be

exercised with caution after getting the irrigation management plan approved by the SPCB.

- (x) All tankers carrying untreated wastes and all hazardous and other wastes shall be properly labeled and transported as per the Hazardous and Other Wastes (Management and Transboundary) Rules, 2016.
- (xi) The detailed design of the various unit operations shall strictly conform to the directions of the state pollution control board as given in the consent to establish.
- (xii) The Project Proponent and the State Pollution Control Board should ensure that the Member Ship of the CETP is restricted to only those industries which legitimately exist in the area. A list of industries in this regards shall be prepared by the Association which will have the following details.
 - Name of Industry
 - Office Address
 - Location of Industry
 - Status of Consent under Water Act along with order number.
 - Status of consent under Air Act along with order number.
 - Production capacity as per consent orders.
 - Total industrial Effluent to CETP as per consent order.
- (xiii) The Unit shall inform the State Pollution Control Board at least a week prior to undertaking maintenance activities in the recycle system and store/dispose treated effluents under their advice in the matter.
- (xiv) The unit shall also immediately inform the Pollution Control Board of any breakdown in the recycling system, store the effluents in the interim period and dispose effluents only as advised by the Pollution Control Board.
- (xv) The unit shall maintain a robust system of conveyance for primary treated effluents from the member units and constantly monitor the influent quality to the CETP. The Management of the CETP and the individual member shall be jointly and severally responsible for conveyance and pre-treatment of effluents. Only those units will be authorized to send their effluents to the CETP which have a valid consent of the Pollution Control Board and which meet the primary treated standards as prescribed. The CETP operator shall with the consent of the State Pollution Control Board retain the powers to delink the defaulter unit from entering the conveyance system.
- (xvi) The CETP operator will maintain an annual register of member units which will contain the details of products with installed capacities and quality and quantity of effluents accepted for discharge. This will form a part of the initial and renewal applications for consent to operate to be made before the State Pollution Control Board.
- (xvii) Any changes in the manufacturing process, installed capacity or the quality or quantity of effluents as agreed upon in the initial MOU between the operator and the member units, will only be done after an approval of the Gujarat State Pollution Control Board in the matter.
- (xviii) The treated effluent from CETP shall be blended with treated sewage prior to its discharge in river.
- (xix) Domestic water requirement is 2.5 KLD, which will be met through underground

	<p>and Overhead Tanks with prior permission from concerned Authority.</p> <p>(xx) The quantity of hazardous waste i.e. ETP sludge to be generated from CETP facility shall be handled and disposed to nearby authorized TSDF site as per HWM Rules, 2016.</p> <p>(xxi) Non Hazardous solid wastes and sludges arising out of the operation of the CETP shall be adequately disposed as per the Consent to be availed from the State Pollution Control Board. Non Hazardous solid wastes and sludges shall not be mixed with Hazardous wastes.</p> <p>(xxii) The effluent from member units shall be transported through pipeline. In case the effluent is transported thorough road, it shall be transported through CETP tankers only duly maintaining proper manifest system. The vehicles shall be fitted with proper GPS system.</p> <p>(xxiii) Before accepting any effluent from member units, the same shall be as permitted by the SPCB in the consent order. No effluent from any unit shall be accepted without consent from SPCB under the Water Act, 1974 as amended.</p> <p>(xxiv) The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.</p> <p>(xxv) All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to RO, MoEF&CC along with half yearly compliance report.</p> <p>(xxvi) The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.</p> <p>(xxvii) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.</p> <p>(xxviii) Project proponent should develop green belt all along the periphery of the site with native plant species that are significant and used for the pollution abatement.</p> <p>(xxix) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 4 Lakhs @ 2.0% of project cost (expansion) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as solar light installation on the roads/nearby villages, supply of digital writing boards in some sr. secondary schools as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
35.4.10	<p>Multi Level Manufacturing Hub (Flattened Group Factory) at Village Rani Khara, Mundka, New Delhi by M/s Delhi State Industrial & Infrastructure Development Corporation Ltd - Environmental Clearance (IA/DL/MIS/77056/2018; F.No.21-14/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Aplinka Solutions & Technologies Pvt. Ltd. gave a detailed presentation on the salient features of the project</p>

and informed that:

- (i) The proposal is for environmental clearance to the project 'Multi Level Manufacturing Hub (Flattened Group Factory)' at Village Rani Khera, Mundka, New Delhi by M/s Delhi State Industrial & Infrastructure Development Corporation Ltd. It is a fresh project and no construction has been done at the project site.
- (ii) The project is located at 28°41'33.9"N latitude and 77°1'16.55"E longitude.
- (iii) The total plot area is 5,94,800 sqm. FSI area is 8,59,298.00 sqm and total construction (built-up) area of 12,60,089.72 sqm. The project will comprise of Industrial Building, Storage Godown (Warehouse), and Admin Building .Maximum height of the building is 26m.
- (iv) Terms of Reference was granted by MoEF&CC vide F.No. 21-14/2018-IA-III dated 14th June, 2018.
- (v) During construction phase, total water requirement is expected to be 45 KLD which will be met by private water tanker. During the construction phase, 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 4264 KLD and the same will be met by 2404 KLD fresh water from Delhi Jal Board and 1860 KLD recycled water. Wastewater generated (2186 KLD) will be treated in STP of capacity 2 x 900 KLD + 1 x 800 KLD. 1860 KLD of treated wastewater will be recycled in Flushing (1554 KLD) & horticulture (306 KLD) leading to zero liquid discharge.
- (vii) About 19.428 TPD solid wastes will be generated in the project. The biodegradable waste 11.66 TPD will be processed in organic waste convertor and the non-biodegradable waste generated 7.77 TPD will be handed over to authorized local vendor.
- (viii) The total power requirement during operation phase is 64 MVA and will be met by BSES Rajdhani Power Limited
- (ix) Rooftop rainwater of buildings will be collected in 6 rain water harvesting tanks of total 2400 KLD capacity for harvesting after filtration.
- (x) Parking facility for 16,446 ECS is proposed to be provided against the requirement 15,700 ECS (as per the local norms).
- (xi) There are 285 no. of trees which are present at the project site out of which 83 trees will be merged with the proposed landscape while 202 trees will be cut.
- (xii) Approx. 2,14,945.59 sqm is earmarked for green belt development which account for 36.14% of the total plot area.
- (xiii) It is not located within 10 km of any Eco Sensitive areas. NBWL Clearance is not required.
- (xiv) There is no court case pending against the project.
- (xv) Investment/Cost of the project is Rs. 3784 crores.
- (xvi) Employment potential: 77,673 people
- (xvii) Benefits of the project: Lead to the increase in industrialization.

	<p>The EAC noted the following:-</p> <ul style="list-style-type: none"> (i) The proposal is for grant of environmental clearance to the project 'Multi Level Manufacturing Hub (Flattened Group Factory) at Village Rani Khera, Mundka, New Delhi by M/s Delhi State Industrial & Infrastructure Development Corporation Ltd in a total plot area of 5,94,800 sqm and built-up of 12,60,089.72 sqm. (ii) The project/activity is covered under category 'B' of item 8(b) 'Township and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level. (iii) Terms of Reference was granted by MoEF&CC vide F.No. 21-14/2018-IA-III dated 14th June, 2018 <p><i>The Committee during discussion noted that tree cutting is involved in the project. There are 285 no. of trees are present at the project site out of which 83 trees will be merged with the proposed landscape while 202 trees will be cut. After deliberation on the proposal, the Committee sought following documents/certificates:</i></p> <ul style="list-style-type: none"> (i) Traffic plan to be reviewed for external networking also and should be verified by PWD/Traffic Department. (ii) The Air Quality Index shall be calculated for base level air quality. (iii) Submit revised water balance. (iv) Submit revised rain water harvesting plan. (v) Submit revised plan for tree cutting ensuring minimum no. of trees to be cut/transplanted. (vi) A detailed report on compliance to ECBC-2017 norms. (vii) Submit dewatering plan as it is involved in the project. (viii) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. <p><i>In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.</i></p>
35.4.11	<p>Multiplex cum Commercial Building - BROADWAY at Plot No. 761/1 & 761/2(Part), Village Kalapatti, Teshil Coimbatore North, District Coimbatore, Tamil Nadu by M/s Broadway Megaaplex Private Limited - Environmental Clearance (IA/TN/MIS/77756/2018; F.No.21-77/2018-IA-III)</p> <p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>
35.4.12	<p>Expansion of Proposed Commercial Complex Development at Sector-65, Village Maidawas, Gurgaon, Haryana by M/s Arnon Builder and Developers Ltd - Environmental Clearance (IA/HR/MIS/76387/2015; F.No.21-78/2018-IA-III)</p> <p>The project proponent and the accredited Consultants M/s Ind Tech House Consult gave a</p>

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

- (i) The proposed expansion is planned on a total plot area of 27086.376 sqm to be constructed in Sector-65, Gurugram. The total built-up area will be 1,00,614.787 sqm.
- (ii) Earlier Environment Clearance for total built-up area of 95834.398 sqm has been obtained from SEIAA, Haryana vide No. SEIAA/HR/2017/847 dated 13.12.2017.
- (iii) For proposed expansion, total built up area after expansion will be 1,00,614.787 sqm in plot area of 27,086.373 sqm. The project will comprise of 5 building block. Maximum height of the building will be 58.63 m (upto terrace level). Green cover is proposed as 6740.9 sqm @25% of pocket area. The details are as follows:

S.No	Description	AS per EC	As per Revised	Difference	Unit
1	Plot Area	27086.42	27086.376	No Change	SQM
2	Proposed Built Up Area	95834.398	100614.787	Inc 4780.39	SQM
3	Max. height of the building	58.625	58.63	No Change	-
4	Total Water Requirement	343	397	Inc 54	KLD
5	Fresh water requirement	110	97	Dec 13	KLD
6	Waste Water Generation	160	148	Dec 12	KLD
7	Proposed STP Capacity	200	175	Dec 25	KLD
8	Municipal Solid Waste	1.42	1.42	-	TPD
9	Proposed Parking	1043	1106	Inc 63	ECS
10	Power requirement	5938.38	4825.76	Dec 1112.62	KW
11	RWH Pits	05	05	No Change	Nos.

- (iv) During operational phase, total water demand of the project is expected to be 397 KLD with fresh water requirement of 97 KLD and use of 300 KLD of recycled water. Freshwater will be sourced from HUDA water supply. Wastewater generated (148 KLD) will be treated in STP of 175 KLD capacity. 118 KLD of treated wastewater will be recycled and 182 KLD of additional treated water will be sourced from nearby STP through tankers. Total 300 KLD treated water will be used (70 KLD for flushing, 7 KLD for gardening & 223 KLD for DG cooling and HVAC). No treated/untreated water will be disposed into municipal drain.
- (v) About 1.45 TPD municipal solid waste will be generated in the project.
- (vi) The total power requirement during operation phase is 4825.76 KW and will be met from Dakshin Haryana Bijli Vitran Nigam and DG Sets (standby).
- (vii) Rooftop rainwater of buildings will be collected in 5rain water harvesting pits with appropriate capacity for harvesting after filtration.
- (viii) Parking facility for 1106 ECS is proposed to be provided.
- (ix) Proposed energy saving measures would save about 6.2% of power.
- (x) No Eco Sensitive area is located within 10 km radius.
- (xi) There is no court case pending against the project.
- (xii) Investment / Cost of the project is Rs. 201 Crores.
- (xiii) Employment potential: 80 Labours during construction phase

	<p>(xiv) Benefits of the project: The project will be equipped with dedicated internal road, parking, internal water distribution system, fire fighting system, internal sewage collection network, lighting facilities, solar lighting, and power backup facility. Employment will be generated during construction & operation phase.</p> <p>During deliberations, the EAC noted the following:-</p> <p>(i) The proposal is for grant of Environmental Clearance to the project Expansion of Proposed Commercial Complex Development at Sector - 65, Village Maidawas, Gurgaon, Haryana by M/s Arnon Builder and Developers Ltd.</p> <p>(ii) The project/activity is covered under category 'B' of item 8(a) 'Building and Construction projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.</p> <p>(iii) Previous Environment Clearance granted by SEIAA, Haryana vide No. SEIAA/HR/2017/847 dated 13.12.2017 for built up area 95834.398 sqm.</p> <p><i>The Committee discussed the project in detail. It was noted that the project is expansion of Proposed Commercial Complex Development Environment Clearance granted by SEIAA, Haryana vide No. SEIAA/HR/2017/847 dated 13.12.2017. The EAC deliberated on the proposal including certified compliance report letter No. 4-1123/2013-RO(NZ)/355 dated 17.03.2016 issued by the MoEF&CC's Regional Office (SZ), Chandigarh. The Committee was of the view that the Certified Compliance Report is more than 2 years old. The Committee sought following additional information:</i></p> <p>Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.</p> <p><i>In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.</i></p>
<p>35.4.13</p>	<p>Affordable Plotted Colony Project (Deen Dayal Updhayay Awas Yojna) at Village Riwaspur & Bhupani, Sector-89, Faridabad, Haryana by M/s Fidato Buildcon Pvt Ltd - Environmental Clearance</p> <p>(IA/HR/MIS/80444/2018; F.No.21-88/2018-IA-III)</p> <p>The project proponent and the accredited Consultants M/s Grass Roots Research & Creation India (P) Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The proposed Affordable Plotted Colony Project is to be developed by M/s Fidato Buildcon Pvt. Ltd. The project site is located at Village-Riwaspur & Bhupani, Sector-89, Faridabad, Haryana on a land measuring 11.706 acres under Deen Dayal Updhayay Awas Yojna. Geographical co-ordinates of project site are 28° 25' 19" N and 77° 22' 7" E.</p> <p>(ii) Earlier Environment Clearance for same project as a Group Housing Colony with same plot area i.e 11.706 acres has been obtained from SEIAA, Haryana vide No.</p>

SEIAA/HR/2017/565 dated 09.08.2017. Due to change in scheme project is now as proposed as Affordable Plotted Colony Project under Deen Dayal Updhayay Awas Yojna.

- (iii) For proposed expansion, total built up area after expansion will be 73,789.885 sqm in plot area of 47,372.501 sqm (11.706 acres). The project will comprise of 11 building block. Green cover is proposed as 9,184.340sqm @20% of net plot area.
- (iv) During operational phase, total water demand of the project is expected to be 367 KLD with fresh water requirement of 230 KLD and use of 137 KLD of recycled water. Freshwater will be sourced from HUDA water supply. Wastewater generated (293 KLD) will be treated in STP of 355 KLD capacity. 137 KLD of treated wastewater will be recycled and used (109 KLD for flushing and 28 KLD for gardening). 127 KLD of treated water will be disposed into municipal drain.
- (v) About 1.49 TPD municipal solid waste will be generated in the project. Bio-degradable waste will be composted by organic waste converter and the compost will be used as manure. Recyclable and non-recyclable waste will be disposed through a local agency.
- (vi) The total power requirement during operation phase is 1000 KW and will be met from Uttar Haryana Bijli Vitran Nigam and DG Sets (standby).
- (vii) Rooftop rainwater of buildings will be collected in 12 rain water harvesting pits with appropriate capacity for harvesting after filtration.
- (viii) Proposed energy saving measures would save about 1% of power.
- (ix) No Eco Sensitive area is located within 10 km radius.
- (x) There is no court case pending against the project.
- (xi) Investment / Cost of the project is Rs. 6.42 Crores.
- (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.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project Affordable Plotted Colony Project (Deen Dayal Updhayay Awas Yojna) at Village Riwaspur & Bhupani, Sector - 89, Faridabad, Haryana by M/s Fidato Buildcon Pvt. Ltd in a plot area of 47,372.501 sqm (11.706 acres) and total built up area of 73,789.885 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(a) 'Building and Construction projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

The EAC during discussion noted that Previous Environment Clearance for same project as a Group Housing Colony with same plot area i.e. 11.706 acres was granted by SEIAA, Haryana vide No. SEIAA/HR/2017/565 dated 09.08.2017. Due to change in scheme, project is abandoned and now proposed as Affordable Plotted Colony Project under Deen Dayal Updhayay Awas Yojna. The project proponent informed the Committee

that the application was submitted to SEIAA, Haryana on 24.07.2018 and case was appraised in 175th meeting of SEAC held on 13th August, 2018 for appraisal and one observation was raised. In the mean time tenure of SEAC, Haryana was completed on 20.08.2018. Therefore point-wise reply submitted to the EAC.

The committee deliberated upon the information provided by the project proponent. 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:

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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 bye-laws.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (vi) Fresh water requirement from HUDA supply shall not exceed 230 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water dewatering.
- (x) 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 and horticulture. Excess treated water shall be discharged in to municipal drain with prior permission.
- (xi) 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

	<p>should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed 12 nos. of rain water harvesting pits shall be provided.</p> <p>(xii) 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 280 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.</p> <p>(xiii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.</p> <p>(xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.</p> <p>(xv) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(xvi) No tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 9,184.340 sqm. (20 % of total area) area shall be provided for green area development.</p> <p>(xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount @ 2.0% of project cost (expansion) shall be earmarked under Corporate Environment Responsibility (CER) for the activities mentioned in the OM. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.4.14</p>	<p>Group Housing Colony at Sector-3, Gurgaon, Haryana by M/s Godrej Properties Ltd - Environmental Clearance (IA/HR/MIS/80112/2018; F.No.21-89/2018-IA-III)</p> <p>The project proponent and the accredited Consultants M/s Perfact Enviro Solutions Pvt. Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project 'Group Housing Colony' is proposed to be developed on 30,225 sq m</p>

(3.0225 ha) out of which 10% of land area, i.e. 3,022.5 sq m shall be transferred to the government for provisioning of community space. Net plot area of the project will be 27,202.5 sqm. Total built-up area of the project will be 1,01,185.30 sq m. Total 4 nos. of main towers & 1 no. of EWS tower are proposed and maximum no. of floors will be G+19. The maximum height of the building will be 59.75 m. 432 Dwelling units, 77 EWS units, 44 servant units, 1 commercial building and 1 club is proposed. Green cover is proposed as 8,160.75 sqm @30% of net plot area.

- (ii) During construction phase, total 28 KLD of water will be required out of which 5 KLD of treated water will be arranged on temporary basis for construction activities, which will be sourced through HUDA STP/ nearby STP and. 23 KLD of water will be required for labours for domestic & flushing purposes which will be sourced through tankers. Mobile toilets shall be provided at site for labourers which shall be regularly cleaned.
- (iii) During operational phase, total water demand of the project is expected to be 417 KLD with fresh water requirement of 238 KLD and use of 179 KLD of recycled water. Freshwater will be sourced from HUDA water supply. Wastewater generated (319 KLD) will be treated in STP of 380 KLD capacity. 179 KLD of treated wastewater will be recycled and used (133 KLD for flushing and 41 KLD for gardening). 140 KLD of treated water will be disposed into municipal drain.
- (iv) About 449 Ton/annum solid waste will be generated from the project. 269 Ton/annum of bio-degradable waste generated will be treated in organic waste convertor proposed within the site, 90 Ton/annum of Non-Biodegradable waste shall be given to approved recycler and 90 Ton/annum of Plastic waste shall be given to approved recycler.
- (v) The total power requirement during operation phase is 3382 KW and will be met from Dakshin Haryana Bijli Vitran Nigam and DG sets (standby).
- (vi) Rooftop rainwater of buildings will be collected in 14 rain water harvesting pits with appropriate capacity for harvesting after filtration.
- (vii) Parking facility for 780 ECS is proposed to be provided.
- (viii) Proposed energy saving measures would save about 11.14% of power.
- (ix) No Eco Sensitive area is located within 10 km radius.
- (x) There is no court case pending against the project.
- (xi) Investment / Cost of the project is Rs. 290 Crores.
- (xii) Employment potential about 550 jobs.
- (xiii) Benefits of the project: 30% of the net plot area will be developed as green area. It will provide employment opportunities to locals.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project Group Housing Colony at Sector-3, Gurgaon, Haryana by M/s Godrej Properties Ltd.
- (ii) The project/activity is covered under category 'B' of item 8(a) 'Building and Construction projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to

absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

The committee deliberated upon the information provided by the project proponent. 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:

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
- (iii) 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 bye-laws.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (vi) Fresh water requirement from HUDA supply shall not exceed 238 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water dewatering.
- (x) 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. Excess treated water shall be discharged in to municipal drain with prior permission.
- (xi) 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 14 nos. of rain water harvesting pits shall be provided.

	<p>(xii) 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 100 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.</p> <p>(xiii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.</p> <p>(xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.</p> <p>(xv) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(xvi) No tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 8,160.75 sqm. (30 % of total area) area shall be provided for green area development.</p> <p>(xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 4.35 Crores @ 1.5% of project cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Drinking water supply, sanitation, skill development, waste management, road development or repair, electrification including solar power, rain water harvesting and plantation. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.4.15</p>	<p>Modification & Expansion of Group Housing Colony project Village Dhanwapur, Sector-104, Gurugram, Haryana by M/s Juventus Estate Ltd - Environmental Clearance (IA/HR/MIS/80360/2014; F.No. 21-104/2018-IA-III)</p> <p>The project proponent and the accredited Consultants M/s Grass Roots Research & Creation India (P) Ltd. gave a detailed presentation on the salient features of the project</p>

and informed that:

- (i) The modification & expansion of Group Housing Colony project is located at Village Dhanwapur, Sector-104, District Gurugram, Haryana having site coordinates 28°29'06.35"N & 77°00'09.97"E.
- (ii) The project was earlier granted environment clearance by SEIAA, Haryana vide letter no. SEIAA/HR/2014/923 dated 11.07.2014 for plot area 1,16,009.63 sqm and built-up area 3,75,674.82 sqm. The project has undergone some revision in planning, due to which the built-up area will reduce to 3,61,332 sqm and plot area will increase 1,37,685.79 sqm. The details are as follows:

S. No.	Particulars	Value as per EC Accorded (sqm)	Modification/Expansion (m ²)	Total (Post Modification & Expansion) sqm
1.	Total Plot Area	1,16,009.63	21,676.16	1,37,685.79
	Net Plot area			1,26,055.128
2.	Non-FAR Area	1,72,658.02	-36,510.09	1,36,147.93
3.	Built-up Area	3,75,674.82	-14,342.82	3,61,332
4.	No. of DUs	1077	1437	2514
	• Main Units	810	1107	1917
	• EWS Units	181	220	401
	• Service Units	86	110	196
5.	Landscape Area	35,724.15	2092.388	37,816.538 (@ 30%)
6.	Maximum Height of Building (m)	129.151	-1.15	128

- (iii) The project will comprise of 10 buildings, 2514 total dwelling units, community building, convenient shopping and schools. Maximum height of the building will be 128 m. Green cover proposed is 37,816.538 sqm @ 30% of net plot area.
- (iv) During operational phase, total water demand of the project is expected to be 1075 KLD with fresh water requirement of 804 KLD and use of 539 KLD of recycled water. Freshwater will be sourced from HUDA water supply. Wastewater generated (915 KLD) will be treated in STP of 1100 KLD capacity. 539 KLD of treated wastewater will be recycled and used as 274 KLD for flushing, 265 KLD for horticulture. 284 KLD of treated water will be disposed into municipal drain.
- (v) About 6.54 TPD municipal solid wastes will be generated in the project. Bio-degradable waste will be composted in Organic Waste Converter and the compost will be used as manure. Recyclable and non-recyclable wastes will be disposed through Govt. approved agency.
- (vi) The total power requirement during operation phase is 15255 KW and will be met from Dakshin Haryana Bijli Vitran Nigam and DG sets (standby).
- (vii) Rooftop rainwater of buildings will be collected in 35 rain water harvesting pits with appropriate capacity for harvesting after filtration.
- (viii) Parking facility for 3395 ECS is proposed to be provided.
- (ix) Proposed energy saving measures would save about 1% of power.
- (x) Sultanpur Bird Sanctuary is located at 9.8 km.

- (xi) There is no court case pending against the project.
- (xii) Investment / Cost of the project is Rs. 592.83 Crores.
- (xiii) Employment potential It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiv) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project Modification & Expansion of Group Housing Colony project Village Dhanwapur, Sector-104, Gurugram, Haryana by M/s Juventus Estate Ltd.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.
- (iii) Previous Environment Clearance granted by SEIAA, Haryana vide letter no. SEIAA/HR/2014/923 dated 11.07.2014
- (iv) Terms of Reference (ToR) was recommended by SEAC, Haryana in its 175th meeting held on 13.08.2018.

The EAC deliberated on the proposal including certified compliance report letter No. 4-1470/2014-RO(NZ)/264-265 dated 15.06.2018 (inspection done on 23.03.2018) issued by the MoEF&CC's Regional Office (NZ), Chandigarh and the action taken report submitted by the project proponent on the noncompliance points.

The EAC, based on the information submitted and clarifications provided by the Project Proponent and detailed discussions held on all the issues, 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) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and

- involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (vi) Fresh water requirement from HUDA water shall not exceed 804 KLD.
 - (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 - (viii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 - (ix) 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 gardening. Excess treated water shall be discharged to municipal drain with prior permission.
 - (x) The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.
 - (xi) The project proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats
 - (xii) 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, 35 nos. of rain water harvesting recharge pits shall be provided for rain water harvesting after filtration as per CGWB guidelines.
 - (xiii) 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, 700 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
 - (xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 - (xv) As proposed, adequate provision will be made for car/vehicle parking at the proposed project site. There shall also be adequate parking provisions for visitors so as not to disturb the traffic and allow smooth movement at the site.
 - (xvi) No tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage,

broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 37,816.538 sqm area shall be provided for green area development.

- (xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount @0.5% of project Cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities as per OM. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

35.4.16

Expansion of Group Housing Colony Project at Sector-64, Sonipat, Haryana by M/s TDI Realcon Pvt Ltd - Environmental Clearance

(IA/HR/MIS/80507/2013; F.No.21-105/2018-IA-III)

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

- (i) The project site is located at Sector-64, Sonipat-Kundli Multifunctional Urban Complex, Haryana. The site co-ordinates are 28°54' 45.74" N 77°8'7.84" E.
- (ii) The project was earlier granted environment clearance by SEIAA, Haryana vide letter no.SEIAA/HR/2013/1551 dated 24.12.2013 for plot area of 1,16,974.20 sqm and built-up area 2,59,716.351 sqm. The project has undergone some revision in planning due to which the built-up area will increase to 2,71,466.195 sqm. However, the plot area remains same after expansion.
- (iii) The project will comprise of 18 buildings, 2296 total dwelling units, community building, convenient shopping and schools. Maximum height of the building will be 81 m. Green cover proposed is 35,326.20 sqm @ 30.2% of plot area. The details are as follows:

S. No.	Particulars	Value as per EC Accorded (sqm)	Expansion (sqm)	Total Area (m ²)
1.	Total Plot Area	1,16,974.20 (28.905 Acre)	Nil	1,16,974.20 (28.905 Acre)
2.	Total Proposed FAR (@ 1.7454)	2,04,595.22	-433.85	2,04,161.37
	• Residential	1,96,609.636	-1096.396	1,95,513.24
	• EWS	7030.707	553.373	7,584.080
	• Commercial	561.0	23.71	584.71
	• Community Area	393.876	85.464	479.34
3.	Total Built-up Area	2,59,796.351	11,669.844	2,71,466.195
4.	Proposed Landscape Area	35,326.21 (30.2%)	Nil	35,326.21 (30.2%)
5.	No. of Towers	26	-8	18
6.	Maximum Building Height (m)	81	-31	50

- (iv) During operational phase, total water demand of the project is expected to be 1372 KLD with fresh water requirement of 770 KLD and use of 602 KLD of recycled

water. Freshwater will be sourced from HUDA water supply. Wastewater generated (946 KLD) will be treated in STP of 1300 KLD capacity. 757 KLD of treated wastewater will be recycled and used as 330 KLD for flushing, 212 KLD for horticulture, 30 KLD for DG cooling and 30 KLD for other purposes. 155 KLD of treated water will be disposed into municipal drain.

- (v) About 5.186 TPD municipal solid waste will be generated in the project. Bio-degradable waste will be composted in Organic Waste Converter and the compost will be used as manure. Recyclable and non-recyclable wastes will be disposed through Govt. approved agency.
- (vi) The total power requirement during operation phase is 18024 KW and will be met from Uttar Haryana Bijli Vitran Nigam and DG Sets (standby).
- (vii) Rooftop rainwater of buildings will be collected in 29 rain water harvesting pits with appropriate capacity for harvesting after filtration.
- (viii) Parking facility for 2958 ECS is proposed to be provided.
- (ix) Proposed energy saving measures would save about 1% of power.
- (x) No Eco Sensitive area is located within 10 km radius.
- (xi) There is no court case pending against the project.
- (xii) Investment / Cost of the project is Rs. 125 Crores.
- (xiii) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xiv) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Environmental Clearance to the project Expansion of Group Housing Colony Project at Sector-64, Sonipat, Haryana by M/s TDI Realcon Pvt. Ltd.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.
- (iii) Previous Environment Clearance granted by SEIAA, Haryana vide letter no. SEIAA/HR/2013/1551 dated 24.12.2013 for plot area of 1,16,974.20 sqm and built-up area 2,59,716.351 sqm.
- (iv) Terms of Reference (ToR) granted by SEIAA, Haryana vide letter No. SEIAA/2018/395 dated 15.05.2018.

The Committee discussed the project in detail. It was noted that the project was recommended by SEAC, Haryana in its 174th meeting held on 08.08.2018. The case was considered in the 116th meeting of SEIAA, Haryana held on 16.08.2018 and approved for grant of Environmental Clearance subject to a condition. In the mean time tenure of SEIAA, Haryana was completed on 20.08.2018. The query raised by the SEIAA Haryana was related to the verification report of RO, MoEFCC/RO, HSPCB on the action taken report. The Committee noted that the project proponent has still not submitted the same.

The Committee sought following information:

- (i) *Submit verification report of RO, MoEFCC/RO, HSPCB that all the necessary steps have been taken or are being taken as per the conditions of the Environmental Clearance granted to the earlier proposal.*

In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.

Day 3: Wednesday, 31st October, 2018

35.5.1	<p>Proposed Group Housing at Village Maidawas, Sector- 65, Gurugram, Haryana by M/s Emaar MGF Land Ltd - Terms of Reference</p> <p>(IA/HR/NCP/78170/2018; F.No.21-95/2018-IA-III)</p> <p>The project proponent and the accredited Consultants M/s Vardan EnviroNet gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The project site is located at located at Village Maidawas Sector 65, District-Gurugram, Haryana. The site co-ordinates are 28°24'10.91" N and 77°03'49.92" E.</p> <p>(ii) This is a new project. Proposed project is Group Housing Complex with plot area 76,662.63 sqm and total built up area 4,17,785.74 sqm. Project will consist of Dwelling Units, EWS Housing and Commercial area. Green area of the proposed project is 22998.79 sqm @30% of the plot area.</p> <p>(iii) During construction phase, total water requirement is expected to be 50 KLD of STP treated water which will be met by HUDA, 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) Total water requirement for the project is 996 KLD, out of which fresh water requirement is 658 KLD and 338 KLD is treated water requirement (223 KLD for flushing and 115 KLD for Horticulture) which will be met through HUDA water supply.750 KLD of waste water will be generated which will be treated in STP of 900 KLD capacity.</p> <p>(v) Quantity of Municipal Solid Waste to be generated is estimated as 4800 kg/day. 2880 kg/d of biodegradable waste treated in organic waste convertor and further use as manure and 1920 kg/day of non-biodegradable waste sold to authorize vendor.</p> <p>(vi) Total power requirement during operation phase is 21 MVA and will be met from DHVBN.</p> <p>(vii) Total no of proposed rain water harvesting pits are 19 Nos.</p> <p>(viii) Total 1927 ECS parking will be provided.</p> <p>(ix) Project does not involves any diversion of forest land. There is no eco-sensitive area around 10 Km from the project site.</p> <p>(x) Investment cost of the project is Rs 300 crores.</p> <p>(xi) Employment potential: 200 direct and indirect employment.</p>
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- (xii) Benefits of the project: Employment generation and better housing facilities.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project Proposed Group Housing at village Maidawas, Sector- 65, Gurugram, Haryana M/s Emaar MGF Land Ltd.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

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

- (i) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (v) 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 permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- (x) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be

	prepared and submitted along with EIA Report.
35.5.2	<p>Expansion of 'Netaji Subhas Institute of Technology' Azad Hind Fauz Marg, Sector 3, Dwarka, New Delhi by M/s Netaji Subhash Institute of Delhi - Terms of Reference (IA/DL/NCP/75353/2018; F.No.21-96/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Amaltas Enviro Industrial Consultants LLP gave a detailed presentation on the salient features of the project and informed that:</p> <ol style="list-style-type: none"> (i) The Project is for Expansion of Netaji Subhas Institute of Technology. The Project is in operational stage before 2006, so no EC has been taken. (ii) The total plot area is 5,87,000 sqm with proposed FAR is 1,92,999.27 sqm with total construction area of 2,07,645.68 sqm (existing+expansion). Maximum height of the building is 28.95 mtrs. (iii) During construction phase, the water requirement (approx. 303 ML) will be met from Private water or treated wastewater from nearby CSTP. 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 521 KLD and the same will be met by the Municipal Supply. Wastewater generated during operational phase shall be approx. 359 KLD. Thus the wastewater will be treated through sewage treatment plant of capacity 430 KLD. The treated wastewater will be re used for flushing (125 KLD) greenbelt development (84 KLD) and for HVAC and DG cooling (2+17 KLD) (v) About 2.43 TPD solid waste will be generated in the project. The biodegradable waste (1.09 TPD) will be processed in OWC and the non-biodegradable waste generated (1.33TPD) will be handed over to authorized local vendor. (vi) The total power requirement for expansion is approx. 3,707.25 kVA and will be met from BSES Delhi. (vii) Rooftop rainwater of buildings will be collected in 10 RWH storage tanks of total 29 m³/hr. capacity for harvesting after filtration. (viii) Parking facility of 1058 ECS will be provided in open area i.e. 24,334 m² and Parking facility of 592 ECS will be provided in Basement area i.e. 9,472 m². (ix) Proposed energy saving measures would save about 1 % 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. 02 Crore. (xiii) Employment potential during construction phase 50-100 workers. (xiv) Benefits of the project: Rainwater storage utilization, development of green belt, having higher Institutional facility and development of total infrastructure with all the amenities. <p>During deliberations, the EAC noted the following:-</p>

- (i) The proposal is for grant of Terms of Reference to the project Expansion of 'Netaji Subhas Institute of Technology' Azad Hind Fauz Marg, Sector 3, Dwarka, New Delhi by M/s Netaji Subhash Institute of Delhi for plot area of 5,87,000 sqm and total built-up area of 2,07,645.68 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

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

- (i) Submit copy of Consent to Establish/Consent to Operate issued by the State Pollution Control Board for existing project.
- (ii) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (iii) The Air Quality Index shall be calculated for base level air quality.
- (iv) A detailed report on compliance to ECBC norms.
- (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vi) 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 permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- (ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (x) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- (xi) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be

	prepared and submitted along with EIA Report.
35.5.3	<p>Proposed Group Housing complex at Village Nangli Umarpur, Sector-62 by M/s Emaar MGF Land Ltd - Terms of Reference (IA/HR/NCP/79305/2018;F.No.21-97/2018-IA-III)</p> <p>The project proponent and the accredited Consultants M/s Vardan EnviroNet gave a detailed presentation on the salient features of the project and informed that:</p> <ol style="list-style-type: none"> (i) The project site is located at Village - Nangli Umarpur, Sector-62 Gurgaon, Haryana. The site co-ordinates are 28°24' 40.10"N and 77°04' 56.18"E. (ii) This is a new project. Proposed project is Group Housing Complex with plot area 1,92,339.43 sqm and total built up area 8,30,084.74 sqm. Dwelling Units, EWS Housing and Commercial area. Green area of the proposed project is 59625.27 sqm @31% of the plot area. (iii) During construction phase, total water requirement is expected to be 100 KLD of STP treated water which will be met by HUDA, 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) Total water requirement for the project is 2550 KLD, out of which fresh water requirement is 1635 KLD and 915 KLD is treated water requirement (617 KLD for flushing and 298 KLD for Horticulture) which will be met through HUDA water supply. 1925 KLD of waste water will be generated which will be treated in STP of 2200 KLD capacity. (v) Quantity of Municipal Solid Waste to be generated is estimated as 13,802 kg/day. 8,281 kg/d of biodegradable waste treated in organic waste convertor and further use as manure and 5520 kg/day of non-biodegradable waste sold to authorize vendor. (vi) Total power requirement during operation phase is 33,200 KVA and will be met from DHVBN. (vii) Total no of proposed rain water harvesting pits are 47 Nos. (viii) Total 6150 ECS parking will be provided. (ix) Project does not involves any diversion of forest land. There is no eco-sensitive area around 10 Km from the project site. (x) Investment cost of the project is Rs. 500 crores. (xi) Employment potential: 300 direct and indirect employment. (xii) Benefits of the project: Employment generation and better housing facilities. <p>During deliberations, the EAC noted the following:-</p> <ol style="list-style-type: none"> (i) The proposal is for grant of Terms of Reference to the project Proposed Group Housing Complex at Village Nangli Umarpur, Sector-62 Gurgaon, Haryana by M/s Emaar MGF Land Ltd. (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to

absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

The Committee deliberated upon the proposal and noted that the project is developed in various pockets and the interlinking between the pockets is not given. The Committee asked the project proponent to re-design the project so that it could be considered as the single project.

In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.

35.5.4 Expansion of 'Proposed In-Situ Development' at Kathputli Colony, Near Shadipur Depot, New Delhi by M/s Raheja Developers Ltd - Terms of Reference (IA/DL/NCP/80303/2018; F.No.21-98/2018-IA-III)

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

- (i) The proposal is for grant of Terms of Reference to the project "Proposed In-Situ Development" at Kathputli Colony, Near Shadipur Depot, New Delhi by M/s Raheja Developers Ltd. on a net plot area of 52,160 sqm and total built-up area of 3,80,929.71 sqm.
- (ii) The environmental clearance to the project was granted by SEIAA, Delhi vide letter No. DPCC/SEIAA-SEAC/119/11/620 dated 22.11.2013 for plot area 52,160 sqm and built-up area 2,00,652.75 sqm.
- (iii) The project envisages construction of 04 building blocks (1 EWS + 2 Remunerative Residential + 1 Remunerative Commercial component). Max No. of floors: 4B+G/ST/PO+40. No of Dwelling Units: 4063 Nos. (EWS - 3821 + Remunerative - 242). Max. Height of the Building: 171.25 M. A total of 19627.04 sqm (37.62% of plot area) is to be developed as landscape area. The details are as follows:

S.No.	Particulars	As per EC Letter	As per Revised Proposal	Unit
1	Total Plot Area	52160	52160	sqm
2	Total Built Up Area	200652.75	380929.71	sqm
3	Max No. of Floors	3B+S/G+42	4B+G/ST/PO+40	Nos
4	No. of Towers	05	04	Nos
5	No. of DU's (including EWS)	2956	4063	Nos
6	Max. Height of Building	145.7	171.25	M
7	Total Water Requirement	2268	1866	KLD
8	Fresh Water Requirement	1212	1306	KLD
9	Waste Water Generation	1580	1506	KLD
10	STP Capacity	1900	1805	KLD
11	Green Area	13339.36	19627.04	sqm
12	RWH	14	14	Nos
13	Solid Waste	8.3	12.7	TPD
14	Proposed Parking	1561	2116	ECS
15	Power Demand	7100	9538	KW

- (iv) Total population of the proposed project will be 28235 which include the population of

18284 residents & 9951 floating.

- (v) The total water requirement for the entire project has been estimated to be 1866 KLD. This includes domestic water requirement flushing, DG cooling, HVAC and landscaping. The total fresh water requirement for the entire project is 1306 KLD which includes domestic water requirement. The water requirement for flushing, DG cooling, HVAC and landscaping will be met through treated water from STPs 560 KLD. Excess treated water of 645 KLD will be discharged into public sewer after getting prior permission from the concerned authority.
- (vi) Total waste water generation from entire project will be 1506 KLD which will be treated in onsite STP of 1805 KLD. The 560 KLD treated water from onsite STPs will be recycled and re-used. Excess treated water of 645 KLD will be discharged into public sewer after getting prior permission from the concerned authority.
- (vii) The domestic solid waste will be generated by the project will pertain to the Bio-degradable & Non-biodegradable Waste. It is estimated that maximum solid waste generation from entire project would be about 12.7 TPD for the proposed project and 996 kg of sludge will be generated from the proposed project.
- (viii) The total electrical load demand has been estimated to be 9538 KW for the proposed project. The source of power will be from BSES.
- (ix) In case of power failure, DG sets of total capacity of 5090 KVA (06X625 + 03X320 + 01X380) for the proposed project will be provided as power back-up.
- (x) Tree cutting is involved in this project. There are 79 trees are available on site. Out of which 20 trees will be cut for which permission from Forest Department has been obtained & 59 trees will be retained. Compensatory plantation will be done per norms of Forest Department.
- (xi) Project cost is Rs. 739.02 Crores.
- (xii) Employment potential: There will be generation of employment during development & operation phase.
- (xiii) Benefits of the project: People of this area as well as from other areas will be benefitted by the proposed development.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project Expansion of 'Proposed In-Situ Development' at Kathputli Colony, Near Shadipur Depot, New Delhi by M/s Raheja Developers Ltd for plot area of 52,160 sqm and total built-up area of 3,80,929.71 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

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

- (i) Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned

	<p>Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.</p> <ul style="list-style-type: none"> (ii) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water. (iii) The Air Quality Index shall be calculated for base level air quality. (iv) A detailed report on compliance to ECBC norms. (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users. (vi) 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 permission of the CGWA for abstraction of ground water and for basement/excavation dewatering. (viii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project. (ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (x) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. (xi) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.
35.5.5	<p>Construction of Residential Plotted Colony at Southern side of railway line, Mandi Township, Ellenabad, Haryana by M/s HSVP HISAR - Terms of Reference (IA/HR/NCP/80326/2018; F.No.21-100/2018-IA-III)</p> <p>The project proponent and the accredited Consultants M/s Grass Roots Research & Creation India (P) Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project site for Residential Plotted Colony is located at Southern Side of Railway Line, Mandi Township, Ellenabad, Haryana. The site co-ordinates are 29°26'19.82"N & 74°39'14.94"E.

- (ii) This is a new project. Total Plot area is 260.70 Acres (10,55,015.469 sqm). Net planned area will be 7,48,668.36 sqm and total built up area of project will be 4,07,495.432 sqm. The project comprises of Residential plots, Commercial/ Convenient Shopping, Industrial Plots, Community Hall/Building, Schools etc. The green area has been kept as @30 % of net plot area (i.e. 1,58,094.49 sqm).
- (iii) Total water requirement for the project will be 2,616 KLD (i.e. 1,544 KLD of fresh water & 598 KLD of treated water). The wastewater generation will be 1833 KLD which will be treated in STP having total capacity of 2200 KL. The STP treated water will be used for Flushing and Horticulture etc.
- (iv) Total solid waste generation of 13,805 kg/day. Out of which, the biodegradable waste will be composted in the project premises and the manure produced will be used for horticulture and green development and there will be Bio-medical waste of 9.5 Kg/day.
- (v) Total power requirement during operation phase will be 4,723.5 KW. There will be no provision of DG sets.
- (vi) As it is a residential plotted colony, so there is no provision made by HSVP to provide rain water harvesting pits for individual plots
- (vii) For plotted development, individuals plot owner will be responsible for providing parking within their plots itself.
- (viii) Cost of the project is Rs. 35 Crores.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project Construction of Residential Plotted Colony at Southern side of railway line, Mandi Township, Ellenabad, Haryana by M/s HSVP HISAR
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

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

- (i) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The Air Quality Index shall be calculated for base level air quality.
- (iii) A detailed report on compliance to ECBC norms.
- (iv) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (v) 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

	<p>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 permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.</p> <p>(vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.</p> <p>(viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(ix) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(x) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.</p>
<p>35.5.6</p>	<p>DLF IT Park at Survey No. 1 (part) Taluk Tiruvanmiyur Mylapore, District Chennai. SF No 300/2B 300/2C& 301/3 Kottivakkam Taluk Tamabaram, Kanchipuram District, Tamil Nadu by M/s DLF Info Park Developers (Chennai) Limited - Terms of Reference (IA/TN/NCP/76584/2018; F.No.21-92/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s PERFACT Enviro Soltions Pvt Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <p>(i) The proposal is for grant of Terms of Reference to the project "DLF IT Park" at Survey No. 1 (part) Taluk Tiruvanmiyur Mylapore, District Chennai. SF No 300/2B 300/2C& 301/3 Kottivakkam Taluk Tamabaram, Kanchipuram District, Tamil Nadu by M/s DLF Info Park Developers (Chennai) Limited on a total plot area of 1,08,981.84 sqm (10.89 Ha) and built-up area of 8,35,650.00 sqm.</p> <p>(ii) The project will be located at Latitude 12°58'59.82"N and Longitude 80°14'54.12"E.</p> <p>(iii) The project will comprise of activities i.e. IT Park Complex and Office Building. Total no. of blocks will be 7. Maximum no. of floors will be G+19 and maximum height of building will be 96.6 m. The total population of the project will be 44372 (Phase I- 19916 (Staff- 18105, Visitors- 1811) & Phase II- 44372 (Staff- 21585, Visitors- 24456). The green belt development area will be kept as 29,801.62 sqm (27.99% of total plot area).</p> <p>(iv) The land has been taken on lease from government of Tamilnadu by M/s DLF Info Park Developers (Chennai) Limited for development of IT Park and the proposed project will be developed by M/s by M/s DLF Info Park Developers (Chennai) Limited.</p> <p>(v) The total water requirement will be 4335 KLD (Phase I-1912 KLD & Phase II- 2423 KLD). The total waste water generation will be 2225 KLD (Phase I- 1024 KLD & Phase II- 1201 KLD). The waste water shall be treated through Sewage Treatment Plant (STP) of capacity 4200 KLD. 2004 KLD treated water will be reused in flushing,</p>

gardening, HVAC Cooling & Misc. Total 19 No. of Rain water collection tanks are proposed for storm water recharging to ground.

- (vi) Solid waste generation for proposed project will be 6.656 tons/day (6656 Kg/day). From the proposed project the biodegradable waste 4.659 tons/day (4659 Kg/ day) shall be treated in Organic Waste Converter provide within the complex, non-biodegradable waste generated 1.664 tons/day (1664 Kg/day) and Plastic waste 0.333 tons/day (333 Kg/day) will be handed over to authorized recycler and Used Oil of 280 lit/month shall be collected in leak proof containers at isolated place and then it will be given to approved recycler. E- Waste of 12 kg/ month will be collected and given to approved recycler.
- (vii) The total power requirement will be 26359 KW (For Phase I- 8172 KW & Phase II- 18187 KW) which will be provided by Tamil Nadu Electricity Board. D.G. Set of capacities 20 x 2000 KVA (For Phase I- 6 x 2000 KVA & Phase II- 14 x 2000 KVA) shall be installed has been kept 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 has been installed to reduce the air emissions, meeting all the norms prescribed by CPCB.
- (viii) Parking Requirement for the project is 6586 ECS & 6586 ECS parking shall be provided as Basement parking & Surface parking.
- (ix) No Eco-sensitive area lies within 10 km radius of the project site.
- (x) There is no court case pending against the project.
- (xi) Investment/Cost of the project is Rs. 2470 Crores.
- (xii) Employment potential: Labourers during construction phase 150 no. and about 39690 personnel (For phase I-18105 Persons and Phase II-21585 persons) as staff during operation phase.
- (xiii) Benefits of the project: It will increase Infrastructure of the area & will provide offices building and open space with all other basic amenities to people. It will provide healthy, green & safe premises for living. People have more open and green spaces, bringing them closer to nature. People live, stay and recreate; and have immediate access to entertainment facilities in a single, spacious and secured area. It will increase Infrastructure of the area & will provide better environment to live. Corporate Environment Responsibility will also be considered for the social benefits of the society.

During deliberations, the EAC noted the following:-

- (i) The proposal is for grant of Terms of Reference to the project "DLF IT Park" at Survey No. 1 (part) Taluk Tiruvanmiyur Mylapore, District Chennai. SF No 300/2B 300/2C& 301/3 Kottivakkam Taluk Tamabaram, Kanchipuram District, Tamil Nadu by M/s DLF Info Park Developers (Chennai) Limited on a total plot area of 1,08,981.84 sqm (10.89 Ha) and built-up area of 8,35,650.00 sqm.
- (ii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Tamil Nadu, the proposal is appraised at Central Level.

After detailed deliberations on the proposal, the Committee recommended for grant of

	<p><i>Terms of Reference as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity and the following ToR in addition to Standard ToR for preparation of EIA-EMP report :</i></p> <ul style="list-style-type: none"> (i) Submit permission/consent from Railway Department for the proposed proposal. (ii) Clearance from National Board for Wildlife (NBWL) is required. Submit the status of application for NBWL clearance for the project. (iii) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water. (iv) The Air Quality Index shall be calculated for base level air quality. (v) A detailed report on compliance to ECBC norms. (vi) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users. (vii) 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. (viii) The permission of the CGWA for abstraction of ground water and for basement/excavation dewatering. (ix) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project. (x) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point. (xi) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. (xii) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.
35.5.7	<p>Expansion of 'Info Technology Park' at Manapakkam Village, Kancheepuram District Chennai, Tamil Nadu by M/s DLF Home Developers Ltd - Terms of Reference (IA/TN/NCP/76743/2018; F.No.21-93/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s PERFACT Enviro Soltions Pvt Ltd. gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project will be located at Latitude 13° 1'18.94"N and Longitude 80°10'34.12"E.

- (ii) The proposed project is expansion of IT Park. The Project has already been granted Environmental Clearance by MoEF&CC vide letter no. 21-202/2007-IA-III for project "Info Technology Park" for built-up area 8,87,211 sqm in the name of M/s DLF Info City Developers (Chennai) Ltd. on 13-08-2007 & valid till 13-08-12. Then Extension of Environmental Clearance was granted by SEIAA, Tamil Nadu vide letter no. SEIAA-TN/F-1926/2013/EC-Ext/2015 for same built-up area of 887211 sqm.
- (iii) At present construction work is under progress Out of 18 blocks, 10 blocks are already operational, 4 blocks are partially constructed and rest of 4 blocks are yet to be constructed.
- (iv) Expansion of the project shall be developed by DLF Home Developers Limited. After expansion, the total plot area of the project remains same i.e. 1,72,248 sqm and total built-up area will be increased to 9,17,772.0 sqm. Hence, it falls under category 'B' under Schedule 8 (b) of the EIA notification, 2006. The activities involve the commercial block and utilities block. Out of 18 blocks, 10 blocks are already operational, 4 blocks are partially constructed and rest of 4 blocks are yet to be constructed. The expansion shall be done on existing land only.
- (v) During the construction of the proposed project, the water shall be sourced through Municipal supply and the same will be maintained without any adverse impact on the environment. Temporary sanitary toilets shall be provided during peak labour force.
- (vi) The total water requirement after expansion will be 2574 KLD. Out of which total fresh water requirement will be 1499 KLD which will be met by Municipal supply. The total waste water generation will be 1132 KLD. The waste water shall be treated through Sewage Treatment Plant (STP) of capacity 3200 KLD (already installed). 1075 KLD of treated water will be reused in Flushing, gardening & DG Cooling.
- (vii) Solid waste generation from the project after expansion will be 11963 Kg/day of Municipal solid waste and out of which the biodegradable waste (8374 Kg/ day) shall be treated in organic waste converter and converted to manure, recyclable waste generated (2991 Kg/day) and Plastic waste (598 Kg/day) will be handed over to authorized recycler and Used Oil of 458 lit/month shall be collected in leak proof containers at isolated place and then it will be given to approved vender of CPCB. E-Waste of 25 tonnes/annum will be collected and given to approved recycler.
- (viii) The total power requirement after expansion will be 75 MVA. D.G. Set of 31 X 2000 KVA & 2 x 1500 KVA has already been installed and kept in acoustically treated room & installed with anti-vibration pads and is being used during power failure only. No DG set is proposed for expansion. Hence, to avoid the emissions, stack height of 6 m above roof level for each D.G. sets has been provided to reduce the air emissions, meeting all the norms prescribed by CPCB.
- (ix) Rainwater of buildings will be collected in 18 No. of RWH tanks for storm water collection and reuse.
- (x) Adequate parking provision shall be provided in the project of 8900 ECS as Basement level & surface level.
- (xi) No Eco-sensitive area lies within 10 km radius.
- (xii) There is no court case pending against the project.
- (xiii) Investment/Cost of the project is Rs. 750 Crores.
- (xiv) Employment potential: Labourers during construction phase 150 no. and after

expansion total staff will be 3902 persons.

- (xv) Benefits of the project: It will increase the infrastructure of the area & will provide commercial Block and Utilities Block with all other basic amenities to people. Employment opportunities provided due to the project will lead to better quality of life and will also set a standard for future developments in the area. The project will provide employment to labourers during construction phase and employment to 3902 personnel during operation phase. The project will also enhance the infrastructure facility of the area. Corporate Environment Responsibility will also be considered for the social benefits of the society.

During deliberations, the EAC noted the following:-

- (iii) The proposal is for grant of Terms of Reference to the project "Expansion of 'Info Technology Park' at Manapakkam Village, Kancheepuram District Chennai, Tamil Nadu by M/s DLF Home Developers Ltd on a total plot area of 1,72,248 sqm (10.89 Ha) and built-up area of 9,17,772.0 sqm.
- (iv) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However due to absence of SEIAA/SEAC in Tamil Nadu, the proposal is appraised at Central Level.

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

- (i) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) Clearance from National Board for Wildlife (NBWL) is required. Submit the status of application for NBWL clearance for the project.
- (iii) The Air Quality Index shall be calculated for base level air quality.
- (iv) A detailed report on compliance to ECBC norms.
- (v) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vi) 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 permission of the CGWA for abstraction of ground water and for basement/excavation dewatering.
- (viii) A certificate of adequacy of available power from the agency supplying power to the

	<p>project along with the load allowed for the project.</p> <p>(ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.</p> <p>(x) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.</p> <p>(xi) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.</p>
35.5.8	<p>The Grand 'Mix Use Building' at Plot No. S-01, Near Shyam Nagar, Ajmer Road, Jaipur, Rajasthan by M/s Anukampa Awas Vikas, LLP - Reconsideration for Environmental Clearance (IA/RJ/NCP/75326/2018; F.No.21-60/2018-IA-III)</p> <p>The EAC noted the following:-</p> <p>(i) The proposal is for grant of environmental clearance to the project The Grand "Mix Use Building" at Plot No. S-01, Near Shyam Nagar, Ajmer Road, Jaipur, Rajasthan, by M/s Anukampa Awas Vikas, LLP in a total plot area of 7,000 sqm and total construction (built-up) area of 35,633.68 sqm.</p> <p>(ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Rajasthan, the proposal is appraised at Central Level.</p> <p>(iii) The proposal was earlier considered in 32nd meeting of Expert Appraisal Committee (Infra-2) held on 2-4 July, 2018 and 34th meeting held on 24-26 September, 2018.</p> <p>(iv) Project Proponent has submitted the additional information on Ministry's website on 31.07.2018 and 09.10.2018.</p> <p><i>The committee deliberated upon the information provided by the project proponent. 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:</i></p> <p>(i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.</p> <p>(ii) The project proponent shall obtain NBWL clearance before commencement of project.</p> <p>(iii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.</p> <p>(iv) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work.</p>

- All the construction shall be done in accordance with the local building byelaws.
- (v) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 - (vi) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
 - (vii) Fresh water requirement from PHED supply shall not exceed 96 KLD.
 - (viii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 - (ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
 - (x) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water dewatering.
 - (xi) 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 make up for cooling, flushing and landscaping. No treated water shall be discharged in to municipal drain.
 - (xii) 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 pits shall be provided.
 - (xiii) 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 area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
 - (xiv) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.
 - (xv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 - (xvi) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased

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

- (xvii) No tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 1837.31 sqm. (26.25 %) area shall be provided for green area development.
- (xviii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 2.25 Crore @ 1.5% of project cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Education (Rajkiya Madhyamik Vidhyalya), Sanitation and Community welfare as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

35.5.9 Expansion of Group Housing Project Plot No.6, Sector-7, Papankalan (Dwarka) New Delhi by M/s Satisar Co-operative Group Housing Society Ltd - Environmental Clearance

(IA/DL/MIS/79358/2018; F.No.21-79/2018-IA-III)

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

- (i) The project is located at Plot No-6, Sector-7, Papankalan (Dwarka), New Delhi. Latitude: 28°35'27.84"N and longitude: 77°4'14.09"E
- (ii) The project is an expansion project. The total plot area is 19,499.532 sqm. FSI area is 28,888.340 sqm and total construction area of 33,267 sqm. Maximum height of the building is 30.73m. The details are as follows:

S. No	Particulars	Existing (sqm)	Expansion (sqm)	Total (Existing + Expansion) (sqm)
1.	Total Plot Area	19,499.532	Nil	19,499.532
2.	Permissible Ground Coverage	6499.19	Nil	6499.19 (@33.30%)
3.	Achieved Ground Coverage	4,564.827	Nil	4564.827 (@23.409)
4.	Built-up Area	25,721.948	7545.052	33,267
5.	No. of DUs	260	Nil	260
6.	Landscape Area	7412	Nil	7412

- (iii) The total water requirement for the construction of Expansion of Group Housing Project is estimated to be approx. 166.33 ML. The water supply during Construction

phase will be met through Delhi Jal Board. 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 202 KLD and the same will be met by the Delhi Jal Board. Wastewater generated (155 KLD) which directly discharge in to CSTP.
- (v) About 690.456 kg/day solid waste will be generated from the project. The biodegradable waste (414.27 kg/day) will be processed in OWC, Inert waste (69.045 kg/day) will be used for land filling and the non-biodegradable waste generated (207.13 kg/day) will be handed over to vendors.
- (vi) The total power requirement during operation phase is 1924 KW and will be met from BSES, Rajdhani, Power Ltd.
- (vii) Parking facility for 466 No. of four wheelers is proposed to be provided.
- (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. 8 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 noted the following:-

- (i) The proposal is for grant of environmental clearance to the project Expansion of Group Housing Project Plot No.6, Sector-7, Papankalan (Dwarka) New Delhi by M/s Satisar Co-operative Group Housing Society Ltd in a total plot area of 19,499.532 sqm and total construction (built-up) area of 33,267 sqm.
- (ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Delhi, the proposal is appraised at Central Level.

The Committee, during deliberation noted that the occupancy certificate for the project was given by Delhi Development Authority. However, the project proponent has not submitted any document related to permission for expansion of the existing building. The Committee asked the project proponent to submit following documents:

- (i) Permission from concerned Department/Authority for expansion of the existing building and its permissibility as per building bye-laws.
- (ii) Elaborate the permissibility/structural safety of the proposed alteration through an institute of repute.
- (iii) Submit the plan for installation of Sewage Treatment Plant (STP).
- (iv) Submit the plan for installation of Organic Waste Converter (OWC).

- (v) Submit a copy of the valid consent to establish and consent to operate under the Water and Air acts for the existing premises.
- (vi) Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.

In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.

35.5.10 Expansion of Group Housing Project at Sector 86 & 87, District Faridabad, Haryana by M/s Shiv Sai Infrastructure Pvt Ltd - Environmental Clearance

(IA/HR/MIS/79529/2008; F.No.21-80/2018-IA-III)

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

- (i) The project is located at Sector – 86 & 87, Faridabad, Haryana. Latitude and longitude: 28°24'37.34"N & 77°20'24.25"E.
- (ii) The project is Expansion Project. The project was earlier granted Environment Clearance by MoEF&CC vide letter No. 21-771/2007-IA.III dated 09th July, and by SEIAA, Haryana vide letter no. DEH/09/SEIAA/948 dated 2nd September, 2009.
- (iii) The total plot area is 54,476.67 sqm. (13.4615 acre). FSI area is 95, 312.197 sqm. and total construction area of 1,21,107.9 sqm. Maximum height of the building is 42.57m. The details are as follows:

S. No.	Particulars	Existing (m ²)	Expansion (sqm)	Total Area (Existing + Expansion) (sqm)
1.	Total Plot Area	53,819.144 (13.299 acre)	4350.370 (1.075)	58,169.514 (14.374 acre)
2.	As per Zoning	50,126.387 (12.3865 acre)	4350.370 (1.075 acre)	54,476.67 (13.4615 acre)
3.	Total Built-up area	1,09,936.051	11,171.849	1,21,107.9
4.	Required Green area (@15 % of Net plot area)	8171.500		
5.	Proposed green area (@16.58% of Net plot area)	8718.753		
6.	No. of Main DUs	740	64	804
7.	No. of EWS Units	132	12	144
8.	Maximum Building Height (m)	42.57		

- (iv) During construction phase, total water requirement is expected to be approx. 56 MLD (expansion part) which will be met from HUDA. 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.
- (v) During operational phase, total water demand of the project is expected to be 415 KLD (19 KLD expansion part) and the same will be met by the HUDA. Wastewater generated (348 KLD) uses will be treated in STP of total 618 KL capacity. 290.7KLD

of treated wastewater will be recycled (95 KLD for flushing, 35KLD for gardening, 160.7 KLD will be discharged into external sewer).

- (vi) About 2285 kg/day solid waste will be generated in the project. The biodegradable waste (1371 kg/day) will be processed in OWC and the non-biodegradable waste generated (914kg/day) will be handed over to authorized local vendor.
- (vii) Total connected load requirement during operation phase is 3259 kW. It will be met from Dakshin Haryana Bijli Vitran Nigam (DHBVN).
- (viii) Parking facility for 937 ECS for four wheelers is proposed.
- (ix) Proposed energy saving measures would save about NA.
- (x) It located /not located within 10 km of Eco Sensitive areas- NA
- (xi) Investment/Cost of the project is Rs. 236 Crore (inclusive of Land cost & Development cost).
- (xii) Employment potential. During the construction phase, approx. 50 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 visitors for parking, staff and related personals. Total influx of population is expected to be 937 ECS
- (xiii) Benefits of the project: Direct & Indirect employment opportunities, Residential facilities to the people.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project Expansion of Group Housing Project at Sector 86 & 87, District Faridabad, Haryana by M/s Shiv Sai Infrastructure Pvt Ltd in a total plot area of 54,476.67 sqm and total construction (built-up) area of 1,21,107.9 sqm.
- (ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

The EAC deliberated on the proposal including certified compliance report letter No. 4-730/2009- RO(NZ) dated 02.05.2018 (inspection done on 19.03.2018) issued by the MoEF&CC's Regional Office (SZ), Chandigarh. As per the compliance report, the status of the project is as follows:

- a. No work was carried out as observed during the site visit (Photo 3).
- b. The project pertaining to EC dated 19,07,2007 (EC-1) was developed on license 873 of 2005 by OTCP admeasuring 10.06 acres. Occupancy certificate was granted by DTCP vide letter dated 30.10.2012,
- c. Another project pertaining to SEIAA EC 02.09.2009 (EC-2) was developed on another license no, 11 of 2008 admeasuring 2.893 acres, This project site is separated 90 m sector road from the other project of 2007, This project granted occupancy certificate by DTCP vide letter dated 21.04.2016.
- d. PA has built 81,502.146 sqm instead of 73,572.97 sqm proposed in EC-I.

	<p>e. The EWS proposed In license no. 873 (EC-1) license no, 11 of 2008 (EC-2) have been developed on the license no 11 of 2008, Besides, the height of EWS was reduced from G+7 to G+3 and built-up area was also reduced from 3701.377 sqm to 3288.700 111 sqm.</p> <p>f. The proponent has planned to shift to nursery school (sanctioned built up area 1056.963 sqm) from license no. 11 of 2008 (EC -2) to vacant area of license no, 873 of 2006 (EC-1).</p> <p>g. Technically, both the projects are yet to be completed for some elements like primary school and EWS and the validity of ECs has been expired in 2012 and 2014 for EC-1 and EC-2, respectively.</p> <p>h. Further, development of group housing Is proposed on another licence no. 24 of 2016 (admeasuring 1,075 acres) which is adjoining to licence no. 11 of 2008 (EC-2 dated 02.09.2009) and requires certification of compliance as per Ministry's OM dated 30.05.2012.</p> <p>i. Interestingly, DTCP has mentioned that licence no. 24 of 2016 is contiguous to licence no. 873 of 2006 instead of licence no. 11 of 2008.</p> <p>j. Clarification was sought from Town and Country Planning vide letter no. 4-730/2009 - RO (NZ) dated 23.02.2018. However, no reply was received so far, Further, PA has Submitted the letter of Town and Country Planning, Haryana, memo no. LC-75Z-Vol-III/SD(BS)/2018/6222 dated 16.02.2018 showing that the licence no. 24 of 2016 and licence no. 11 of 2008 are In contiguous part of licence no, 873 of 2006. In view of this letter, site visit was made on 19.03.2018 for Issuance of certification.</p> <p><i>The Committee noted that as per the compliance report, PA has built 81,502.146 sqm instead of 73,572.97 sqm proposed in EC-I. The Committee asked the project proponent to clarify the status. The project proponent informed that in the earlier EC application FAR area was mentioned as 17,250.098 sqm and the basement area as 17250.098 sqm. However, in the EC letter FAR has been mentioned as the built-up area. The built-up area constructed at site is 81,502.146 sqm which is in accordance with the Occupancy Certificate issued by DTCP, Haryana and less than the FAR + basement area mentioned in EC application (i.e. 73572.97 + 17,250.098 = 90,823.068 sqm).</i></p> <p>The Committee after detailed deliberation asked the project proponent to submit details as follows:</p> <p>(i) Submit copy of Form-1 submitted for grant of earlier ECs.</p> <p>(ii) Submit copy of Conceptual plan submitted for grant of earlier ECs.</p> <p>(iii) Submit copy of Occupancy Certificate granted by DTCP, Haryana for earlier clearance.</p> <p><i>In view of the foregoing observations, the EAC recommend to defer the proposal. The proposal shall be reconsidered after the above essential details are addressed and submitted.</i></p>
35.5.11	<p>Proposed Mixed Land Use project on the land admeasuring 8.62 Acres situated in the revenue estate of Village Fazilpur Jharsa, Sector-71 (In TOD Zone), Gurugram, Haryana by M/s Roshni Builders Private Limited - Environmental Clearance (IA/HR/MIS/79718/2018; F.No.21-81/2018-IA-III)</p>

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

- (i) The project is located at 28^o24'08.18" N Latitude and 77^o01'11.73" E longitude.
- (ii) The project is a new project. The total plot area is 34,883.85 sqm, FSI area is 1,23,120.00 sqm and total construction (Built-up) area of 2,09,770.19 sqm. The project will comprise of 3 Nos. Building blocks. Total 525 DU's shall be developed. Maximum height of the building is 130.00 m.
- (iii) During construction phase, total water requirement is expected to be 100 KLD which will be met from treated water supply. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (iv) During operational phase, total water demand of the project is expected to be 1117 KLD and the same will be met by 403 KLD fresh water from HUDA water supply system and 714 KLD Recycled Water (456 KLD from onsite STP + 258 KLD additional treated water). Wastewater generated (570 KLD) will be treated in 01 STPs of total 685 KLD capacity. 714 KLD of treated waste water will be recycled (248 for flushing, 24 for gardening, 24 KLD from DG cooling & 419 KLD for HVAC etc.). Additional treated water of 258 KLD will be sourced from tanker water which will be supplied by HUDA.
- (v) About 5.33 TPD solid wastes will be generated in the project. The biodegradable waste (2.67 TPD) will be processed in OWC and the non-biodegradable waste generated (2.66 TPD) will be handed over to authorized local vendor.
- (vi) The total power requirement during construction phase is 400 KW and will be met from DHBVNL and total power requirement during operation phase is 12400 KW and will be met from DHBVNL.
- (vii) 11 Nos. RWH pits will be constructed for rain water harvesting.
- (viii) Parking facility for 2465 four wheelers is proposed to be provided (according to local norms).
- (ix) Proposed energy saving measures would save about approx. 13% of power.
- (x) It is not located within 10 km of Eco Sensitive areas hence NBWL Clearance is not required.
- (xi) Forest Clearance is not required.
- (xii) No court case is pending against the project.
- (xiii) Investment/Cost of the project is Rs. 356 Crore.
- (xiv) Employment potential: 240 Labours during construction phase
- (xv) Benefits of the project: The project will be equipped with dedicated internal road, parking, internal water distribution system, fire fighting system, internal sewage collection network, lighting facilities, solar lighting, and power backup facility. Employment will be generated during construction & operation phase.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project Proposed Mixed

Land Use project on the land admeasuring 8.62 Acres situated in the revenue estate of Village Fazilpur Jharsa, Sector-71 (In TOD Zone), Gurugram, Haryana by M/s Roshni Builders Private Limited in a total plot area of 34,883.85 sqm and total construction (built-up) area of 2,09,770.19 sqm.

- (ii) The project/activity is covered under item 8(b) 'Township and Area Development Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.
- (iii) ToR was granted to the project by SEIAA, Haryana vide letter no. SEIAA/HR/2018/1129 dated 20th August, 2018.

The committee deliberated upon the information provided by the project proponent. 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:

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (vi) Fresh water requirement from HUDA supply shall not exceed 403 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be

taken from the CGWA for any ground water dewatering.

- (x) 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 etc.). No treated water shall be discharged in to municipal drain.
- (xi) 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 11 nos. of rain water harvesting pits shall be provided.
- (xii) 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 250 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
- (xiii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.
- (xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- (xv) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (xvi) As proposed, no tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 6977 sqm. (20 % of total area) area shall be provided for green area development.
- (xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 5.34 Crore @ 1.5% of project cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation, sanitation, health, education, skill development, road, solid waste management facility, rain water harvesting, soil moisture conservation works and avenue plantation as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of

	<p>half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.5.12</p>	<p>Proposed Expansion of Commercial Complex Located At Sector-104, Village Dhanwapur, Gurgaon, Haryana by M/s Mariana Infrastructure Limited - Environmental Clearance (IA/HR/MIS/79956/2012; F.No.21-82/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is located at 28^o29'02.80" N Latitude and 76^o59'32.27" E longitude. (ii) The project is an expansion project. Earlier Environment Clearance was obtained from SEIAA, Haryana vide No. SEIAA/HR/2013/157 dated 28.05.2013. (iii) The total gross plot area is 8574.26 sqm, FSI area is 23846.50 sqm and total construction (Built-up) area of 34,459 sqm. The project will comprise of 01 No. Building block. Maximum height of the building is 155 m. (iv) During construction phase, total water requirement is expected to be 45 KLD which will be met from treated water supply. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force. (v) During operational phase, total water demand of the project is expected to be 91 KLD and the same will be met by 37 KLD fresh water from HUDA and 54 KLD Recycled Water. Wastewater generated (67 KLD) will be treated in 01 STP of total 110 KLD capacity. 54 KLD of treated wastewater will be recycled (37 for flushing, 07 for gardening, 05 KLD from DG cooling & 05 KLD for Street Washing etc.). (vi) About 0.61 TPD solid wastes will be generated in the project. The biodegradable waste (0.24 TPD) will be processed in OWC and the non-biodegradable waste generated (0.37 TPD) will be handed over to authorized local vendor. (vii) The total power requirement during construction phase is 55 KW and will be met from DHBVNL and total power requirement during operation phase is 2973 KVA and will be met from DHBVNL. (viii) 01 No. RWH tank of 30 cum. capacity will be constructed for rain water harvesting. (ix) Parking facility for 341 four wheelers is proposed to be provided (according to local norms). (x) Proposed energy saving measures would save about approx. 3% of power. (xi) It is located within 10 km of Eco Sensitive areas- Sultanpur Bird Sanctuary, 9.32 km/W. However NBWL Clearance is not required. (xii) Forest Clearance is not required. (xiii) No Court case is pending against the project. (xiv) Investment/Cost of the project is Rs. 124.11 Crore. (xv) Employment potential: 95 Labours during construction phase (xvi) Benefits of the project: The project will be equipped with dedicated internal road, parking, internal water distribution system, fire fighting system, internal sewage

collection network, lighting facilities, solar lighting, and power backup facility. Employment will be generated during construction & operation phase.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project Proposed Expansion of Commercial Complex Located At Sector-104, Village Dhanwapur, Gurgaon, Haryana by M/s Mariana Infrastructure Limited in a total plot area of 8574.26 sqm and total construction (built-up) area of 34,459 sqm.
- (ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.
- (iii) The project is an expansion project. Earlier Environment Clearance was obtained from SEIAA, Haryana vide No. SEIAA/HR/2013/157 dated 28.05.2013.
- (iv) The project was appraised in 175th SEAC, Haryana meeting dated 13.08.2018. There were some queries raised in that meeting. The point wise reply for the queries was submitted to the committee on the same i.e. 13.08.2018. In the meantime the SEAC, Haryana was dissolved on 22nd Aug, 2018. Hence project submitted for grant of Environment clearance to EAC, MoEF&CC, Delhi.

The committee deliberated upon the information provided by the project proponent. The EAC also deliberated on the proposal including certified compliance report letter No. 4-1112/2012- RO(NZ)/969 dated 10.07.2018 (inspection done on 26.06.2018) issued by the MoEF&CC's Regional Office (SZ), Chandigarh. 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:

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.

- (vi) Fresh water requirement from HUDA supply shall not exceed 37 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water dewatering.
- (x) 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 gardening, flushing, street washing & DG cooling. No treated water shall be discharged in to municipal drain.
- (xi) 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 RWH tank will be constructed to cater the runoff for further reuse.
- (xii) 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 80 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
- (xiii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.
- (xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- (xv) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (xvi) As proposed, no tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive

	<p>species should not be used for landscaping. As proposed 1228.71 sqm. (25.33 % of total area) area shall be provided for green area development.</p> <p>(xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 1.86 Crore @ 1.5% of project cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation, sanitation, health, education, skill development, road, solid waste management facility, rain water harvesting, soil moisture conservation works and avenue plantation as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.5.13</p>	<p>Proposed Group Housing on Plot area Measuring 2.3828 Acres at Sector 15-Part II, Gurugram Manesar Urban Complex, Haryana by M/s PAX Properties Pvt Ltd in collaboration with M/s Alpha Corp Development Pvt Ltd - Environmental Clearance (IA/HR/MIS/80163/2018; F.No.21-83/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Ind Tech House Consult gave a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i) The project is located at 28^o27'52.51" N Latitude and 77^o02'35.24" E longitude. (ii) The project is a new project. The total plot area is 9,642.834 sqm, FSI area is 17,715.876 sqm and total construction (Built-up) area of 29,605.19 sqm. The project will comprise of 02 Nos. Building blocks. Total 118 DU's shall be developed. Maximum height of the building is 94.9 m. (iii) During construction phase, total water requirement is expected to be 45 KLD which will be met from treated water supply. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force. (iv) During operational phase, total water demand of the project is expected to be 75 KLD and the same will be met by 47 KLD fresh water from HUDA water supply system and 28 KLD Recycled Water. Wastewater generated (48 KLD) will be treated in 01 STPs of total 55 KLD capacity. 28 KLD of treated wastewater will be recycled (15 for flushing, 05 for gardening & 08 KLD from DG cooling etc.). Surplus treated water of 10 KLD to be discharged to municipal sewer with prior permission. (v) About 0.34 TPD solid wastes will be generated in the project. The biodegradable waste (0.21 TPD) will be processed in OWC and the non-biodegradable waste generated (0.13 TPD) will be handed over to authorized local vendor. (vi) The total power requirement during construction phase will be 45-50 KW and will be met from DHBVNL and total power requirement during operation phase is 1208 KW and will be met from DHBVNL. (vii) 02 Nos. RWH pits will be constructed for rain water harvesting. (viii) Parking facility for 226 four wheelers is proposed to be provided (according to local norms).

- (ix) Proposed energy saving measures would save about approx. 1% of power.
- (x) It is not located within 10 km of Eco Sensitive areas. Hence NBWL Clearance is not required.
- (xi) Forest Clearance is not required.
- (xii) No Court case is pending against the project.
- (xiii) Investment/Cost of the project is Rs. 55 Crore.
- (xiv) Employment potential: 40 Labours during construction phase
- (xv) Benefits of the project: The project will be equipped with dedicated internal road, parking, internal water distribution system, fire fighting system, internal sewage collection network, lighting facilities, solar lighting, and power backup facility. Employment will be generated during construction & operation phase.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project Proposed Group Housing on Plot area Measuring 2.3828 Acres at Sector 15-Part II, Gurugram Manesar Urban Complex, Haryana by M/s PAX Properties Pvt Ltd in collaboration with M/s Alpha Corp Development Pvt Ltd in a total plot area of 9,642.834 sqm and total construction (built-up) area of 29,605.19 sqm.
- (ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

The committee deliberated upon the information provided by the project proponent. 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:

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and

involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.

- (vi) Fresh water requirement from HUDA supply shall not exceed 47 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water dewatering.
- (x) 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 etc.). Treated water shall be discharged in to municipal drain with prior permission.
- (xi) 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 pits shall be provided.
- (xii) 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 50 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
- (xiii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.
- (xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- (xv) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (xvi) No tree shall be cut/transplanted unless exigencies demand. Where absolutely necessary, tree cutting/transplantation shall be with prior permission from the

Concerned Regulatory Authority / Forest Department. Old trees should be retained based on girth and age regulations as may be prescribed by the Concerned Regulatory Authority / Forest Department. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 1500.79 sqm. (15.8 % of total area) area shall be provided for green area development.

- (xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 1.11 Crore @ 2.0% of project cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation, sanitation, health, education, skill development, road, solid waste management facility, rain water harvesting, soil moisture conservation works and avenue plantation as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

35.5.14 Expansion of Affordable Group Housing Project at Village Wazirpur, Sector-95 A, Gurgaon, Haryana by M/s Forever Buildtech Pvt Ltd - Environmental Clearance (IA/HR/MIS/79696/2018; F.No.21-84/2018-IA-III)

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

- (i) The project is located at Village Wazirpur, Sector-95A, Gurgaon, Haryana.
- (ii) Latitude: 28 25.448"N and longitude: 76 55.054"E.
- (iii) The project is Expansion. The project was earlier granted Environment Clearance by SEIAA, Haryana vide letter no. SEIAA/HR/2017/324 dated 18th May 2017
- (iv) The total plot area is 42,755.982 sqm. FSI area is 90,961.462 sqm (Proposed FAR =88,108.516+ Additional FAR = 2,852.946 sqm) and total construction area of 97,321.212 sqm. Maximum height of the building is 59.67 m. The details are as follows:

S. No.	Particulars	Value as per earlier EC (sqm)	Expansion (sqm)	Total Area (EC accorded + Expansion) (sqm)
1.	Total Plot Area	32,512	10,243.982	42,755.982
2.	Net Plot area (excluding Sector Road & Road Widening)	30,038.197	10,243.946	40,282.143
	• Area under Residential use	28,836.685	9834.172	38,670.857
	• Area under Commercial use	1201.512	409.774	1611.286
3.	Total Built-up Area (6 + 7)	69,345.861	27,975.351	97,321.212

4.	Proposed Green Area (@24.402%)	6511.72	3318.243	9829.963
5.	Maximum Height of the Building (m)	41.2 (G+13)	15.185 (G+19)	59.67

- (v) The total water requirement for the construction of Expansion of Group Housing Project is estimated to be approx. 710 KLD. The water supply during Construction phase will be met through HUDA. During the construction phase, soak pits and septic tanks are provided for disposal of waste water. Temporary toilets will be provided for labourers.
- (vi) During operational phase, total water demand of the project is estimated to be 710 KLD and the same will be met by the HUDA. Wastewater generated (579 KLD) uses will be treated in STP of total 700 KL capacity. About 521 KLD of treated wastewater will be generated from which 172 KLD will be used for flushing, 29 KLD for gardening, and remaining 320 KLD will be sent to municipal drain.
- (vii) About 4084 kg/day solid waste will be generated from the project. The biodegradable waste (2450.4kg/day) will be processed in OWC, Inert waste (408.4kg/day) will be used for land filling and the non-biodegradable waste generated (1225.2 kg/day) will be handed over to vendors.
- (viii) The total power requirement during operation phase is 8967 KW and will be met from Dakshin Haryana Bijli Vitran Nigam (DHBVN).
- (ix) Parking facility for 768 No. Offour wheelers is proposed to be provided against the requirement of 766No.(according to local norms).
- (x) Proposed energy saving measures: Energy will be saved using energy efficient lighting fixtures, Electronic Ballast, Timer based lighting and APFC Panel.
- (xi) It is located within 10 km of Eco Sensitive areas. Sultanpur Bird Sanctuary is at a distance of 4 km (NW) away from the project site.
- (xii) There is no court case pending against the project
- (xiii) Estimated Cost of the project is Rs. 160.43 Crore.
- (xiv) Employment potential: It will generate direct and indirect employment opportunities for both skilled and unskilled labor during construction & operation phase.
- (xv) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project Expansion of Affordable Group Housing Project at Village Wazirpur, Sector-95 A, Gurgaon, Haryana by M/s Forever Buildtech Pvt Ltd in a total plot area of 42,755.982 sqm and total construction (built-up) area of 97,321.212 sqm.
- (ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

The committee deliberated upon the information provided by the project proponent. The EAC also deliberated on the proposal including certified compliance report letter No.

16-55/2017 (ENV)- RO(NZ)/524 dated 14.12.2017 (inspection done on 07.12.2017) issued by the MoEF&CC's Regional Office (SZ), Chandigarh. 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:

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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.
- (iv) The project proponent shall obtain Clearance from National Board for Wildlife (NBWL) before commencement of the project.
- (v) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (vi) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (vii) Fresh water requirement from HUDA supply shall not exceed 509 KLD.
- (viii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (ix) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (x) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water dewatering.
- (xi) 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). Excess treated water shall be discharged in to municipal drain with prior permission.
- (xii) 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 15 nos. of rain water harvesting pits shall be provided.</p> <p>(xiii) 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 650 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.</p> <p>(xiv) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.</p> <p>(xv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.</p> <p>(xvi) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(xvii) As proposed, no tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 9829.963 sqm. (24.402 % of total area) area shall be provided for green area development.</p> <p>(xviii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 0.35 Crore @ 1.0% of project cost (35 Crore for expansion) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as education facility for nearby communities, solar power, rain water harvesting and plantation in community areas as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
<p>35.5.15</p>	<p>Proposed Group Housing Measuring 2.364 Acres at Sector-15 Part-II, Gurugram Manesar Urban Complex, Gurgaon, Haryana by M/s Alpha Corp Development Pvt Ltd - Environmental Clearance</p> <p>(IA/HR/MIS/80189/2018; F.No.21-85/2018-IA-III)</p> <p>The project proponent and the accredited Consultant M/s Ind Tech House Consultant gave a detailed presentation on the salient features of the project and informed that:</p>

- (i) The project is located at 28^o27'56.05" N Latitude and 77^o02'29.50" E longitude.
- (ii) The project is a new project. The total plot area is 9,567.008 sqm, FSI area is 17,711.663 sqm and total construction (Built-up) area of 29,396.123 sqm. The project will comprise of 2 Nos. Building blocks. Total 118 DU's shall be developed. Maximum height of the building is 94.9 m.
- (iii) During construction phase, total water requirement is expected to be 40 KLD which will be met from treated water supply. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (iv) During operational phase, total water demand of the project is expected to be 75 KLD and the same will be met by 47 KLD fresh water from HUDA water supply system and 28 KLD Recycled Water. Wastewater generated (48 KLD) will be treated in 01 STPs of total 55 KLD capacity. 28 KLD of treated wastewater will be recycled (15 for flushing, 05 for gardening & 08 KLD from DG cooling etc.). Surplus treated water of 10.4 KLD to be discharged to municipal sewer with prior permission.
- (v) About 0.34 TPD solid wastes will be generated in the project. The biodegradable waste (0.20 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 40-45 KW and will be met from DHBVNL and total power requirement during operation phase is 954 KW and will be met from DHBVNL.
- (vii) 02 Nos. RWH pits will be constructed for rain water harvesting.
- (viii) Parking facility for 226 four wheelers is proposed to be provided (according to local norms).
- (ix) Proposed energy saving measures would save about approx. 1% of power.
- (x) It is not located within 10 km of Eco Sensitive areas.
- (xi) NBWL Clearance is not required.
- (xii) Forest Clearance is not required.
- (xiii) No Court case pending against the project
- (xiv) Investment/Cost of the project is Rs. 55 Crore.
- (xv) Employment potential: 40 Labours during construction phase
- (xvi) Benefits of the project: The project will be equipped with dedicated internal road, parking, internal water distribution system, fire fighting system, internal sewage collection network, lighting facilities, solar lighting, and power backup facility. Employment will be generated during construction & operation phase.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project Proposed Group Housing Measuring 2.364 Acres at Sector-15 Part-II, Gurugram Manesar Urban Complex, Gurgaon, Haryana by M/s Alpha Corp Development Pvt Ltd in a total plot area of 9,567.008 sqm and total construction (built-up) area of 29,396.123 sqm.
- (ii) The project/activity is covered under item 8(a) 'Building and Construction Projects' of

the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.

The committee deliberated upon the information provided by the project proponent. 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:

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (vi) Fresh water requirement from HUDA supply shall not exceed 47 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water dewatering.
- (x) 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 and DG cooling). Excess treated water shall be discharged in to municipal drain with prior permission.
- (xi) 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

	<p>followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed 2 nos. of rain water harvesting pits shall be provided.</p> <p>(xii) 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 50 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.</p> <p>(xiii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.</p> <p>(xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.</p> <p>(xv) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p> <p>(xvi) As proposed, no tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 1516.25 sqm. (15.8 % of total area) area shall be provided for green area development.</p> <p>(xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 1.10 Crore @ 2.0% of project cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation, sanitation, health, education, skill development, road, solid waste management facility, rain water harvesting, soil moisture conservation works and avenue plantation as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.</p>
35.5.16	<p>Expansion of Group Housing Project 'The Melia' at Village Mohammadpur Gujjar, Sector-35, Sohna, District Gurugram, Haryana by M/s DSS Buildtech Pvt Ltd - Environmental Clearance</p> <p>(IA/HR/MIS/80191/2015; F.No.21-86/2018-IA-III)</p>

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

- (i) The project is located at Village Mohammadpur Gujjar, Sector-35, Sohna, District-Gurugram, Haryana Latitude: 28 16 55.59 Nand longitude:77 03 26.64 E
- (ii) The project is Expansion. Earlier Clearance was granted by SEIAA, Haryana vide letter No. SEIAA/H/2016/807 dated 20.09.2016.
- (iii) The total plot area is 70,455.77 sqm. FSI area is 1,18,608.43 sqm and total construction area of 1,57,562.526 sqm. Maximum height of the building is 44.9m. The details are as follows:

S. No.	Particulars	Existing (EC Accorded) (sqm)	Expansion (sqm)	Total (EC accorded +Expansion) (sqm)
1.	Total Plot Area	70,455.77	Nil	70,455.77
2.	Net Plot Area	67,915.15	Nil	67,915.15
3.	Total Built Up Area (6+7)	1,52,000	5562.526	1,57,562.526
4.	Green Area Proposed	18,882.14 (@26.8%)	1612.52	20,494.66 (@30.17%)
5.	Maximum Height of the Building (meter)	44.9	Nil	44.9

- (iv) The total water requirement for the construction of Expansion of Group Housing Project "The Melia" is estimated to be approx. 788ML. The water supply during Construction phase will be met through HUDA. During the construction phase, soak pits and septic tanks are provided for disposal of waste water. Temporary toilets will be provided for labourers.
- (v) During operational phase, total water demand of the project is estimated to be 707 KLD and the same will be met by the 415 KLD fresh water from HUDA and recycled water. Wastewater generated (418KLD) uses will be treated in STP of total 875 KL capacity. About 376 KLD of treated wastewater will be generated from which 149 KLD will be used for flushing, 143 KLD for gardening, and remaining 84KLD will be sent to municipal drain.
- (vi) About 3,537.862 kg/day solid waste will be generated from the project. The biodegradable waste (2122.71kg/day) will be processed in OWC, Inert waste (353.786kg/day) will be used for land filling and the non-biodegradable waste generated (1061.35kg/day) will be handed over to vendors.
- (vii) The total power requirement during operation phase is 6063 kW and will be met from Dakshin Haryana Bijli Vitran Nigam (DHBVN).
- (viii) Parking facility for 1760 No. Offour wheelers is proposed to be provided against the requirement of 1567 No. (according to local norms).
- (ix) Proposed energy saving measures: Energy will be saved using energy efficient lighting fixtures, Electronic Ballast, Timer based lighting and APFC Panel.
- (x) It is not located within 10 km of Eco Sensitive areas
- (xi) There is no court case pending against the project
- (xii) Estimated Cost of the project is Rs. 430 Crore.
- (xiii) Employment potential: It will generate direct and indirect employment opportunities

for both skilled and unskilled labor during construction & operation phase.

- (xiv) Benefits of the project: Direct & Indirect employment opportunities and Infrastructural Development of the Area.

The EAC noted the following:-

- (i) The proposal is for grant of environmental clearance to the project 'Expansion of Group Housing Project 'The Melia' at Village Mohammadpur Gujjar, Sector-35, Sohna, District Gurugram, Haryana by M/s DSS Buildtech Pvt Ltd in a total plot area of 70,455.77 sqm and built-up of 1,57,562,526 sqm.
- (ii) Earlier Clearance was granted by SEIAA, Haryana vide letter No. SEIAA/H/2016/807 dated 20.09.2016.
- (iii) The project/activity is covered under category 'B' of item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Haryana, the proposal is appraised at Central Level.
- (iv) As per information provided by the project proponent, the Proponent applies for expansion to the SEIAA, Haryana on 21.05.2018. Thereafter the case was taken up for approval of Terms of Reference in the 170th meeting of the SEAC held on 05.06.2018 and the committee opined that its earlier ToR was valid which can be referred for EIA/EMP report of expansion of project. Thereafter, the case was taken up in the 174th meeting of the SEAC held on 08.08.2018 and one observation was raised. Reply to the observation submitted and project was again taken up 175th SEAC meeting held on 13.08.2018 and the project was recommended with 'Gold rating' for grant of Environment Clearance.

The committee deliberated upon the information provided by the project proponent. The EAC also deliberated on the proposal including certified compliance report letter No. 16-58/2016- RO(NZ)/1024 dated 07.08.2018 (inspection done on 25.07.2018) issued by the MoEF&CC's Regional Office (SZ), Chandigarh. 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:

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (iii) 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 bye-laws.
- (iv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (v) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition

and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.

- (vi) Fresh water requirement from HUDA supply shall not exceed 415 KLD.
- (vii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (viii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (ix) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water dewatering.
- (x) 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). Excess treated water shall be discharged in to municipal drain with prior permission.
- (xi) 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 18 nos. of rain water harvesting pits shall be provided.
- (xii) 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 500 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
- (xiii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.
- (xiv) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- (xv) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

- (xvi) As proposed, no tree cutting/transplantation of existing trees has been proposed in the instant project. 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. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 20,494.66 sqm. (30.17 % of total area) area shall be provided for green area development.
- (xvii) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 6,87,500 @ 1.0% of project cost (expansion) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as development of roads in nearby communities and plantation in community areas as proposed. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

35.5.17 Modernization of Chennai Airport (Phase-II), Chennai, Tamil Nadu by M/s Airport Authority of India Chennai - Amendment in Environmental clearance (IA/TN/MIS/58639/2016; F.No. 10-61/2016-IA-III)

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

- (i) AAI has obtained environmental clearance for phase-II expansion & modernization vide letter F.No. 10-61/2016-IA.III dated 26th June, 2018.
- (ii) AAI proposes amendment in Environmental Clearance (F.No:10-61/2016-IA-III dated 26th June, 2018) for the addition of commercial complex with multi-level car park within the Chennai airport premises.
- (iii) The proposed construction is 2 Multi-Level-Car park (MLCP) buildings on either flank of the metro station, at a distance of 100 m from the façade line of the airport terminal buildings. It is proposed to have a link bridge between each of the MLCP blocks to the elevated walkway at traveller level. The buildings are planned and designed to accommodate a minimum of 2237 equivalent car parking spaces (ECS) within 5,53,160 sqft (51,390.25 sqm) of built area, as well as a maximum 3,57,414 sqft (33,204.85 sqm) of commercial space. The details of MLCP are as follows:

S. No.	Description	West Block MLCP-1	East Block MLCP-2
1.	Hotel	29,590 sft (2,749.sqm)	-
2.	Parking Levels	6 levels	7 levels
3.	F & B Retail	51,719 sft (4,804.85 sqm)	-
4.	Cinema multiplex	-	40,016 sft (3,717.61 sqm)
5.	Retail Mall	-	1,51,020 sft (14,030.22 sqm)(3 levels)
Out of area of 1301.28 acres- MLCP with integrated commercial complex proposed in an area of 4.25 acres			

- (iv) Each parcel (East & West blocks) admeasures to 175 m X 50 m approximately on either side of the Airport Metro Station.
- (v) Project cost for the proposed MLCP with integrated commercial complex is approx

Rs. 250 Crores.

The Committee noted the following:

- (i) The proposal is for amendment in Environment Clearance (EC) Modernization of Chennai Airport (Phase-II), Chennai, Tamil Nadu by M/s Airport Authority of India Chennai.
- (ii) Earlier Environmental Clearance to modernization of Chennai Airport (Phase-II), Chennai, Tamil Nadu for M/s. Airports Authority of India, Chennai granted by MoEF&CC vide its file No: 10.61/2016-IA-III, dated 26th June, 2018.
- (iii) The project/activity is covered under category 'A' of item 7 (a) i.e. 'Airports' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.

The Committee deliberated upon the information provided by the project proponent and noted that in the earlier EC, Phase-II modernization of Chennai airport project has included:

- Demolition and reconstruction of old domestic terminal (T2);
- Demolition and reconstruction of old international terminal (T3);
- Re-construction of airside corridor for seem-less integration;
- Interfacing provision in the new terminal for future connection of tunnel from satellite terminal;
- Augmentation of contact bays;
- **Development of multi-level car park;**
- Development of integrated common user cargo complex, after demolishing the old unused terminal at Meenambakkam; and
- Development of contact bays for category E cargo freighters etc.

The project proponent informed the Committee that the proposed construction is 2 Multi-Level-Car park (MLCP) buildings on either flank of the metro station, at a distance of 100 m from the façade line of the airport terminal buildings. It is proposed to have a link bridge between each of the MLCP blocks to the elevated walkway at traveller level. The buildings are planned and designed to accommodate a minimum of 2237 equivalent car parking spaces (ECS) within 5,53,160 sft (51,390.25 sqm) of built area, as well as a maximum 3,57,414 sft (33,204.85 sqm) of commercial space. Now the project proponent proposes for amendment in the design of multi level car park. The proposed integrated Commercial complex shall be within the envelope of Multi Level Car Park. The project proponent also informed that there is a marginal increase (less than 10%) in water requirement, wastewater generation and power requirement.

The Committee after detailed deliberation, recommended the project for grant of amendment in the EC letter dated 26.06.2018 as follows:

S. No.	Description	West Block MLCP-1	East Block MLCP-2
1.	Hotel	29,590 sft (2,749.sqm)	-
2.	Parking Levels	6 levels	7 levels
3.	F & B Retail	51,719 sft (4,804.85sqm)	-

4.	Cinema multiplex	-	40,016 sft (3,717.61 sqm)
5.	Retail Mall	-	1,51,020 sft (14,030.22 sqm)(3 levels)
Out of area of 1301.28 acres- MLCP with integrated commercial complex proposed in an area of 4.25 acres			
<p>The Committee also recommended that as proposed, budget @ 0.75 % on project cost (Rs.1.8 Crores) shall be provided for CER as per notification dated 1st May, 2018.</p>			

35.6 Any other item with the permission of Chair - Not Applicable

LIST OF PARTICIPANTS OF EAC (INFRASTRUCTURE-2) IN 35th MEETING OF EAC (INFRASTRUCTURE-2) HELD ON 29-31 OCTOBER, 2018

S. No.	Name	Designation	Attendance			Signature
			29 th Oct	30 th Oct	31 st Oct	
1.	Prof. T. Haque	Chairman	P	A	A	
2.	Shri K. Gowarappan	Member	A	A	A	
3.	Dr. Yashpal Singh	Member	P	P	A	
4.	Dr. S.K. Bhargava	Member	P	P	P	
5.	Dr. Ayi Vaman N. Acharya	Member	A	A	A	
6.	Dr. Chandrahas Deshpande	Member	A	A	A	
7.	Shri A. P. Singh	Member	P	P	P	
8.	Ms. Mili Majumdar	Member	P	P	A	
9.	Prof. Dr. Sanjay Gupta	Member	A	P	A	
10.	Dr. M. V. Ramana Murthy	Member	P	A	A	
11.	Shri Kushal Vashist	Director & Member Secretary	P	P	P	
