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STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC)- DELHI

OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI 110006
Visit us at http dpcc.delhigovt.nic.in

F.No. DPCC/SEAC/2015/72/825 Dated: 05/10/2015

MINUTES OF MEETING

Please find enclosed herewith the minutes of meeting **of 72nd meeting** of the State Level Expert Appraisal Committee (SEAC) held on **26.09.2015** in the conference room of DPCC, at 5th Floor, ISBT Building, Kashmere Gate, Delhi – 110006 for information and necessary action if any.

Anil Kumar

(Dr Anil Kumar)
Secretary,
SEAC- Delhi

TE Bhalla 07/10/15

To:

1. Dr. MukeshKhare (Professor) (Chairman, SEAC), Department of Civil Engineering, Indian Institute of Technology, Delhi HauzKhas, New Delhi-110016.
2. Dr. Naveen Kumar (Professor and Head) (Member, SEAC), Mechanical Engineering Department, Delhi Technology University, Delhi-110042.
3. Dr. S. K. Singh (Professor) (Member, SEAC), Civil and Environmental Engineering Department, Delhi Technology University, Delhi-110042.
4. Dr. Mrs. Rita Kumar (Emeritus Scientist), (Member, SEAC), Environmental Biotechnology Division, Institute of Genomics and integrative Biology DU North Campus, Mall Road, Delhi-110007.
5. Dr. Sanjay Gupta (Professor) (Member, SEAC), Department of Transport Planning, School of Planning and Architecture, 4-Block-B, Indraprastha Estate, New Delhi-110002.
6. Dr. SumanLakhanpaul (Professor) (Member, SEAC), Department of Botany, University of Delhi, North Campus, University Road Faculty of Science, University Enclave Delhi-110007.
7. Dr. AmarjeetKaur (Professor) (Member, SEAC), Centre of Disaster Management Studies, Guru Gobind Singh, Indraprastha University, E-Block, 106 and 107, Sector-16 C, Dwarka, New Delhi.

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Contd..

8. Dr. AnupamChattopadhyay, (Member, SEAC), Department of Geology, University of Delhi, 34, ChattraMarg Delhi-110007.
9. Mrs. MeenakshiDhote (Member, SEAC), Department of Environment Planning, School of Planning and Architecture, 4 Block B, IP Estate, New Delhi.

Copy to:

1. ShriKrishan Mohan Sahni, IAS Rtd. (Chairman, SEIAA), House No. 38, Pkt 2, JasolaVihar, Behind Apollo Hospital, New Delhi-110025.
2. Director, Mahatma Gandhi Institute of Combating Climate Change (MGICCC) (Member Secretary, SEIAA), Department of Environment, Government of National Capital Territory of Delhi, Palla-Bakthawarpur Road, Alipur, New Delhi, Delhi 110036
3. PS to Secretary (Environment) cum Chairman, DPCC- for kind information.
4. PA to Member Secretary, DPCC- for kind information.
5. SEE (IT)- for necessary action regarding uploading the minutes on website.

(Dr Anil Kumar)
Secretary,
SEAC- Delhi

Minutes of the 72nd meeting of State Level Expert Appraisal Committee (SEAC) held on 26.09.2015 from 10.00 am to 5:00 pm in the Conference Room of DPCC at 5th Floor, ISBT, Kashmere Gate, Delhi-06.

The 72nd meeting of State Level Expert Appraisal Committee (SEAC) was held on 26.09.2015 in the Conference Room of DPCC under the Chairmanship of Dr. Mukesh Khare. The following members of SEAC were present in the meeting:

1.	Dr. Mukesh Khare	–	Chairman
2.	Dr. Naveen Kumar	–	Member
3.	Dr. S. K. Singh	–	Member
4.	Dr. Sanjay Gupta	–	Member
5.	Dr. Anupam Chattopadhyay	–	Member
6.	Dr. Rita Kumar	–	Member
7.	Dr. Suman Lakhanpaul	–	Member
8.	Dr. Anil Kumar	–	Secretary

Dr. Amarjeet Kaur and Mrs. Meenakshi Dhote could not attend the meeting. Shri Pankaj Kapil (Sr. Env Engineer, DPCC) and Shri Surender Singh (Env. Engineer, DPCC) assisted the Committee.

The minutes of 71st meeting of SEAC held on 03.09.2015 were confirmed by the members.

The Committee was apprised about the DO letter no. J-1103/5/2013-IA-I(I) dated 27.08.2015 consisting the instruction of Secretary, Govt. of India, MoEF&CC to make full use of transparent online system and expedite the process without compromising on quality of EIA/EMP and Environmental Clearance, requesting to switchover to new online system and stopping the manual system of application be completed in next 30 days. Two projects of DDA housing were taken up in the meeting as table agendas in view of the representation submitted by DDA.

Case No: 166 (Review)

Name of the Project	Proposed Expansion of Balconies of DIN CGHS Ltd., at Plot No. 7, Sector-4, Dwarka, Phase-I, New Delhi-110078.
Project Proponent	Col RC Kapoor, Retd., Secretary, DIN Cooperative Group Housing Society (CGHS) Ltd., at Plot no. 7, Sector-4, Dwarka, Phase-I, New Delhi-110078.
Project Consultant	Project presented by the Project Proponent himself.
E-mail TelephoneFax No.	dinsociety@gmail.com 011- 25080608, 9810229498 Nil
Date of Application Received	04.03.2013

Brief of Project

The proposal is for grant of Environmental Clearance for Proposed Expansion of Balconies of DIN CGHS Ltd., at Plot No. 7, Sector-4, Dwarka, Phase-I, New Delhi. The total plot area is 11802.79 sq.mt. The existing built-up area is 19447.285 sq.mt and the proposed built-up area is 3398.5 sq.mt. The total built-up area is 22845.785 sq.mt. The permissible Ground Coverage is 3933.869 sq.mt (33.33 % of the plot area). The existing Ground Coverage is 2429.118 sq.mt and the proposed Ground Coverage is 418.92 sq.mt. The total Ground Coverage is 2848.038 sq.mt. The permissible FAR area is 19710.659 sq.mt. The existing FAR area is 16699.801 sq.mt and the proposed FAR area is 2979.58 sq.mt. The total FAR area is 19679.381 sq.mt. The total stilt area is 2848.038 sq.mt (existing: 2429.118 sq.mt. + proposed: 418.92 sq.mt.). The total number of dwelling units is 166. The maximum number of floors will be Stilt+7. The total number of blocks is 3. The maximum height of building is 29.95 m. The existing parking provision is for 209 ECS and the proposed parking provision is for 80 ECS. The total parking provision is for 289 ECS (206 ECS in open + 83 ECS in stilt). The total estimated population after proposed expansion is 913 (residential: 830 persons + visitors: 83 persons). The total proposed green area is 2335.817 sq.mt (19.79 % of plot area). The total water requirement will be 120.3 KLD. The source of water supply will be Municipal water supply. Approx. 97 KLD of waste water is generated from the society which is disposed off into sewer line. The total municipal solid waste generation after proposed expansion will be 278.55 kg/day. The existing

power requirement is 2195 KW. The power supply is met from BSES. DG set of 1x 200 KVA is proposed for power backup. The Rain Water Harvesting Pits at present are 2 in number.

The SEAC in its 51st meeting dated 05.04.2013 Committee decided that project proponent should clarify their position with respect to LGs Notification applicable in respect of expansion in the Cooperative Group Housing Society (CGHS) and deferred the case for next meeting.

The SEAC in its 53rd meeting dated 23.05.2013 decided that project proponent should clarify whether LG's Notification of 16.04.2012 banning any additional structures on the existing structures under increased FAR is applicable to the Expansion project under consideration.

In the meeting held on 23-05-2013, the project proponent clarified that LG's notification of 16.04.2012 was not applicable as DDA already approved the plans for expansion. The DDA's letter of approval is silent on LG's order of 16 April 2012 nor are the layouts duly signed and stamped by DDA. In light of above, the Committee decided that the project proponent may submit a letter and layout plans authenticated by DDA and details of structural stability and safety of the existing structures with additional balconies as assessed by a competent authority for further consideration of the project before its rejection.

The Committee also re-examined the Case No.154: Proposed "Addition/Alteration" in existing residential society of ISPAT CGHS Ltd. at Plot no.29, Sector-4, Dwarka, Delhi in the light of Hon'ble LG's notification dated 16.04.2012. The Committee observed that the EC was granted to the project on 02.05.2013.

In the light of LG's order of 16 April 2012, the Committee decided that the project proponent may be invited to explain the reasons for violating the LG's order before issuing show cause notice for revoking EC already issued.

As decided by SEAC, letter was issued to the Project Proponent on 12.06.2013 that they shall submit a letter and layout plans authenticated by DDA and details of structural stability and safety of the existing structures with additional balconies as assessed by a competent authority for further consideration of the project before its rejection.

DDA vide letter dated 24.07.2013 informed the DIN Society (with copy to DPCC) " that the orders of Director (building) dated 16.04.2012 affected wef 23.04.2012, therefore proposals/ permits already received prior to 23.04.2012 are only being considered under the provisions of Master Plan & BBL. This aspect may kindly be clarified by the society to SEAC.

Since the proposal of the Society was received on 28.10.2009, therefore, it was referred to CFO & DUAC and their approvals have been received on 2.2.12 & 3.4.12 respectively. However, the approval/ clearance from Environment Deptt.is awaited for further necessary action by this deptt."

RTI & Grievances through Public Grievances Portal (CPGRAMS) were also received & replied regarding extension of Balconies of DIN Society.

In a table agenda in the 68th meeting of SEAC held on 21.07.2014, The Secretariat of SEAC brought to the notice of the Committee that Welcomgroup Cooperative Group Housing Society Ltd., Dwarka is insisting to take up their case of Extension of Balconies. The Committee decided that Project proponent may be informed that no cases of Extension of balconies shall be taken up by SEAC in view of LG's notification dated 16.04.2012.

Project Proponent submitted copy of DDA letter dated 24.07.2013, numbers of representations for EC and also structure stability certificate on 05.01.2015.

Status of EC Application in MoEF &CC :Project not reflected on the portal.

The SEAC in its 69th meeting held on 28.07.2015 recommended that the letter dated 24.07.2013 of DDA produced by the Society is not categorical about the exemption of the LG's Notification dated 16.04.2012 on the proposal under consideration. A letter to DDA be written by Secretary, SEAC to clarify categorically whether the said notification of LG is applicable for expansion of balconies for the Society under consideration whose proposal was submitted in DDA on 28.10.2009 and more precisely whether the enhanced FAR can be utilized for extension of balconies as on date taking benefit of application made in DDA before the notification of LG dated 16.04.2012. Matter will be considered in SEAC after receipt of response from DDA.

As decided by the committee letter issued to the Director (Building) DDA on 18.09.2015 for seeking clarification whether the enhanced FAR can be utilized for extension of balconies as on date taking benefit of application made in DDA before the order of Director(Building) dated-16.04.2012.

Project proponent submitted representation on 26.08.2015 along with copy of modified Structural stability certificate that for purposed extension of balconies, additional pillar will be raised from the ground and the load of extension of balconies will be supported by these new pillars.

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

The SEAC reviewed the case in respect of director (Planning), DDA letter dated 16.04.2012 and decided to go ahead with appraisal for EC. However, it was also decided that this appraisal will not be construed the approval for structural safety. The applicability of order dated 16.04.2012 issued by Director (Planning), DDA on utilization of additional FAR, without compromising structural safety, shall be looked into by DDA/ MCD while giving necessary approvals in view of DDA letter dated 24.07.2013 indicating that the project under consideration is older than 23.04.2012 and therefore being forwarded for required approvals. Project Proponent was asked to submit & present their case w.r.t. environmental issues in forthcoming meetings.

Case No: 213 (Review)

Name of the Project	"Proposed Motel" at Khasra No. 3/17/2 Min, 3/16/2 Min, 3/24 Min, 3/25 Min, 10/4 Min, 10/5 Min, 10/6 Min, 10/7 Min situated at Village Smalkha, New Delhi by M/s Townsend Promoters Pvt. Ltd.
Project Proponent	Mr. Rajeev Trehan, M/s Townsend Promoters Pvt. Ltd. H-65, Cannaught Circus, New Delhi-110001.
Project Consultant	M/s Kadam Environmental Consultants.
Date of Application	18.06.2015
Name of organization in which application submitted	DPCC

Brief Project description as per documents submitted

The proposal is for the grant of Environmental Clearance for **"Proposed Motel" at Khasra No. 3/17/2 Min, 3/16/2 Min, 3/24 Min, 3/25 Min, 10/4 Min, 10/5 Min, 10/6 Min, 10/7 Min, Village Smalkha, New Delhi** by M/s Townsend Promoters Pvt. Ltd. M/s Townsend Promoters Pvt. Ltd would like to develop a Motel Building on the above stated plot on an area of 10117.15 sq.for which they requesting for Environmental Clearance.

It comprises of three towers and commercial area. The project will be equipped with contemporary and futuristic amenities.

The total plot area is 10117.15 sq.mt.The total built-up area is 27459.037 sq.mt. The proposed ground coverage is 3940.35 sq.mt.Total three basements have been proposed. The total basement area is 11821.047 sq.mt. (Basement 1: 3940.349 sq.mt.; Basement II: 3940.349 sq.mt. & Basement II: 3940.349 sq.mt.). The total proposed green area is 2407.40 sq.mt. The project will have maximum of G/S + 4 floors. The maximum height of the building is 17.525 m. Total parking required is 470 ECS. The total proposed parking is for 471.66 ECS.The total number of persons using the facility will be 744 persons after completion of the project. The total water requirement is 80.98 KLD. The total fresh water requirement is 38.45 KLD. The source of water supply is Delhi JalBoard.The total wastewater generation is 41.98 KLD. The wastewater generated will be treated in STP with capacity of 50 KLD. The total treated waste water of 41.98 KLD from STP of will be used in DG & HVAC cooling (8.0 KLD). Landscaping (13.54 KLD), Road Washing (3.65 KLD). The total solid waste generation will be 295.45 kg/day. The total number of RWH pits will be 2.The total power requirement will be 1575 KVA. The source of power supply will be BSES. DG sets of total capacity 1820 kVA (1 x 320 kVA + 2 x 750 kVA) are proposed for power backup.

Project was considered by SEAC in its 70th meeting held on 13.08.2015 and based on information furnished, presentation made and discussions held, the Committee sought the following information from the Project Proponent for its further consideration:

1. Land use/ permissibility/conformity of the project site as per MPD-2021.
2. Details of permissible and proposed FAR.
3. Existing and Proposed Layout plans showing the location of STP, RWH pits and DG sets in A1 size.
4. Geotechnical Investigation report.
5. Contour Plan in A1 size.
6. Floor Evacuation Plan in A1 size.
7. Dual Plumbing Plan in A1 size.
8. Storm water Drainage Plan in A1 size.
9. Action plan for Corporate Social Responsibility.
10. Approvals from DUAC & DJB.
11. The total cost of the project.
12. Revised landscape plan clearly showing the name & no. of existing trees, proposed trees with their location, in accordance with CPCB guidelines.
13. Revised parking plan with more maneuverability.

14. Revised traffic circulation plan with more clarity between location of planted area and traffic movement.
15. Detailed plan wrt management & handling of C & D waste.
16. Remedial measures for controlling dust pollution during construction phase.
17. Quantum of energy proposed to be saved using Solar lights & solar heaters.
18. Details and criteria for calculation of daily water requirement during construction phase.
19. Details of measures to be adopted to control the noise level.
20. Action plan for disposal of excess excavated earth.
21. Revised details of total power requirement and essential load.

As decided, letter issued to the Project Proponent on 25.08.2015 for seeking the required information/ documents.

SEAC in its 70th meeting held on 13.08.2015 decided that as the project proponent submitted a letter on 03.09.2015 showing his inability to appear before the Committee. The case be deferred for next meeting as per request of Project Proponent.

No reply received from the project proponent in response of deficiency letter issued.

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

The project proponent came for hearing. The SEAC asked them to submit the reply of letter dated 25.08.2015 to proceed further for appraisal. Case be deferred.

Case No: 217 (Review)

Name of the Project	"Redevelopment of Trillion Motel" at Village-Sultanpur, Tehsil-Mehrauli, New Delhi-110030.
Project Proponent	Mr. Ashwani Kumar Mehra, 218/3/3 MG Road, New Delhi-110074.
Project Consultant	M/s PerfactEnviro Solutions Pvt. Ltd.
Date of Application	13.07.2015
Name of organization in which application submitted	DPCC

Brief Project description as per documents submitted

The proposal is for the grant of Environmental Clearance for "Redevelopment of Trillion Motel" (including Hotel & office/ commercial) at Village-Sultanpur, Tehsil-Mehrauli, New Delhi-110030.Trillion Motel already exist at site but as previously built up area is(2890.69)less than 20.000 sqm it was not in preview of EIA notification, 2006. CTE and CTO (CTO granted on 15.04.2013 valid up to 04.10.2017) has been obtained for the Trillion Motel Pvt. Ltd. Now Built up area shall be more than 20000 sqm, hence the project falls under 8(a) of EIA notification 2006.

The total plot area is 11719.9 sq.mt. Net plot area -8288.05, area under road winding-3431.85.The total built-up area of the project including FAR, Non FAR & Basement Area will be35913.909 sq.mt. Permissible ground coverage is 4687.96 sq.mt. The proposed ground coverage will be 4158.928 sq.mt. The permissible FAR is 20509.825 sq.mt. The total proposed FAR will be 18622.82 sq.mt. Non FAR will be1119.751 sq.mt. Stilt area will be 5,752 sq.mt. Total three basements have been proposed. The total basement area will be 16171.342 sq.mt. (Basement 1: 5665.868 sq.mt.; Basement II: 5207.075 sq.mt; Basement III: 5298.399 sq.mt.). The total proposed green area will be 2505.17 sq.mt. and the existing area under plantation/ greenery is 2505.17 sq.mt (21%) with tree and plants, which will remain the same after construction. The project will have 1 block of G + 9 floors & maximum height of the building will be44.4 m. No. of Guest Rooms- 115, Retail-1, Office-28, Fine Dinning-1, Restaurant-1, Banquet Hall-2 for 1174 pax) Total parking required is 559 ECS. The total proposed parking will be for 559 ECS, Basement 1: 100 +70 on 2nd tier; Basement II: 132 + 95 on 2nd tier; Basement III: 145; Surface parking-17). The total number of persons using the facility will be 2301 persons after completion of the project. The total water requirement is 314 KLD. The total fresh water requirement is 161 KLD. The source of water supply will be Municipal Supply/Boring. The total wastewater generation is 161 KLD. The wastewater generated will be treated in STP with capacity of 195 KLD based on SAFF technology. The total treated waste water of 153 KLD from STP of will be used in DG &HVAC cooling (106 KLD), Gardening (8 KLD), Flushing (32 KLD) & Miscellaneous purposes (7 KLD). The total solid waste generation will be 407 kg/day. The total number of RWH pits is 3. The total power requirement will be 3397.7 KW. The source of power supply will be BSES. DG sets of total capacity 2500 kVA (2 x 1250 kVA) are proposed for power backup.

Remarks:

- Indira Gandhi International Airport: 7 km (SNW).
- Hazrat Nizamuddin Railway Station: 12.5 km (NE).
- NH 8: 7.4 Km (W)
- NH 236: 1.9 Adjacent (W).
- Qutub Minar: 2.8 Km (NE)
- Yamuna River: 13.08 km (NE).
- Purana Quila: 13.8 km (NE).
- Okhla Bird Sanctuary: 16 km (SE).
- Asola wild life Santuary : 8.7 km (SE)
- Central Ridge Reserve Forest: 10 km (N).

Project was considered by SEAC in its 70th meeting held on 13.08.2015 and based on information furnished, presentation made and discussions held, the Committee sought the information from the Project Proponent for its further consideration:

As decided, letter issued to the Project Proponent on 25.08.2015 for seeking the required information/ documents. Unit has submitted the reply on 03.09.2015 along with supporting documents as follows:

1. Documents showing the Land use/ permissibility/conformity of the project site as per MPD-2021.
2. Existing and Proposed Layout plans showing the location of STP, RWH pits and DG sets in A1 size.
3. Geotechnical Investigation report, Contour Plan, Storm water Drainage, Floor Evacuation Plan in A1 size.
4. Approvals from DUAC, Fire services& AAI.
5. Total cost of the project.
6. Revised landscape plan clearly showing the name & no. of existing trees, proposed trees with their location,.
7. Permission for use of ground water or confirmation regarding closure of existing borewell and details of alternate source of water supply.
8. Detailed plan wrt management & handling of C & D waste.
9. Remedial measures for controlling dust pollution during construction phase.

Based on the information furnished, presentation made by the project proponent and further discussions held, the SEAC in its 71st meeting held on 03.09.2015 decided that the project

proponent be asked to substantiate its land use/ permissibility/conformity of the project site as per MPD-2021.

Project proponent has submitted reply on 23.9.2015 in response of deficiency letter issued alongwith copy of guidelines for approval of Motel project by ministry of Tourism GOI.

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

Based on the information furnished, presentation made by the project proponent and further discussions held, the SEAC decided to defer the case and asked the project proponent to produce originals of documents i.e. letter of SDMC, Sanctioned Plans etc copy shown & submitted during presentation.

Case No221 (Review)

Name of the Project	"Group Housing" at ChandanHaula, New Delhi.
Project Proponent	Mehtab Khan M/s Uppal Housing Pvt. Ltd. 5th Floor, South Tower, NBCC Place, PragatiVihar, Lodhi Road, New Delhi-110003.
Project Consultant	M/s Perfect Enviro Solutions Pvt. Ltd.
Date of Application	31.07.2015
Name of organization in which application submitted	DPCC

Brief Project description as per documents submitted

"Group Housing" at ChandanHaula, New Delhi. EC was granted by MoEF on 29.09.2008 for the plot area 17136.53 sq.m and built-up area 40570.61 sq.m. Unit has applied for Consent to Establish in DPCC on 26.06.2007 and as decided Consent management committee, letters were issued asking the unit to file zonal plan of this area to confirm whether housing in rural area is permitted and to file MCD sanction plan. DDA and MCD was also asked to clarify conformity of the unit vide letter dated 21.04.2011 and 03.09.2011.

	Total
Total Plot Area	16,380 Sq.m
Total Site Area	15,545 Sq.m
Cost of the Project	Rs 110 CR
Total Built Up Area (FAR + Non FAR + Basement + Stilt)	65,939.85 Sq.m
Max permissible FAR	38,124 Sq.m
FAR proposed	38,117.42 Sq.m
Built Up Area (Non FAR)	4,4475.72 Sq.m
No of Dwelling Units	156
Total Population	1,626 Persons
Total Green Area proposed	4,974.4 Sq.m(32 %)
Minimum no of Trees required	205
No of Trees proposed	295 (112 +183)
Max permissible Ground coverage	33.3 % (5,176.49 Sq. m)
Total ground coverage	4,098.948 Sq.m (26.37 %)
No. of Towers & Floors	02 tower (S + 21 floors)
Building Height	86.5 Mt.
Total parking required	680 ECS (Total parking provision 725 ECS)
Area & Parking proposed in Basement- I	7,091.778 Sq.m
Area & Parking proposed in Basement- II	7,091.778 Sq.m
Area & Parking proposed in Basement- III	6,661.393 Sq.m
Source of Water during construction Phase	STP Treated water
Total water requirement	212 KLD
Source of Water during Operational Phase	Delhi Jal Board and Treated Water on site STP
Total water requirement during Operational Phase	212 KLD
Fresh Water requirement during	125 KLD

Operational Phase	
Reuse of treated Water during Operational Phase	87 KLD
Total wastewater generation	158 KLD
Capacity of STP	190 KLD
Technology for STP	SBR
Reuse of treated water in Flushing	53 KLD
Reuse of treated water in Cooling	nil
Reuse of treated water in Horticulture/ Gardening	63 KLD
Reuse of treated water in other purposes (specify)	10 KLD (misc. purposes)
Total solid waste generation	622 KG/Day
Total number of RWH pits	04
Total power requirement	4097.4 KW
Capacity of DG Sets proposed	2 x 1010 KVA , 1 x 500 KVA

Remarks:

- Indira Gandhi International Airport: 12.8 km (NW).
- Tughlaqabad Railway Station: 11.3 km (NE).
- Yamuna River: 13.69 km (NE)
- Qutub Minar: 6 km (N)
- Ashoka Tower: 6 kn (N)
- Chandan Haula Village: .9 km (SW)
- Hauz Khas Forest: 9.48 Km (NE)
- Asola wildlife Sanctuary : 2.5 km (SE)

Status of EC Application in MoEF & CC: Project not reflected on the portal.

The SEAC in its 71st meeting held on 03.09.2015 asked the project Proponent to submit the documentary evidence showing that the proposed project is conforming with the Master Plan of Delhi-2021 at the proposed site for its further consideration.

In response of the queries raised during last meeting of SEAC, project proponent submitted representation on 14.09.2015 along with the copy of DDA letters dated11.08.2014 and 14.07.2015, both addressed to the Town Planning Department of South Delhi Municipal Corporation referring the provisions of MPD &MoUD notifications.

Architect (L) SDMC has also sent a letter dated 9.09.2015 to DPCC mentioning the provisions/ amendments made in MPD 2021 by MoUD ON 23.09.2013.

Project proponent has also submitted the copy of SDMC letter dated 9.09.2015 on 23.9.2015 in response of deficiency letter.

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

Based on the information furnished, presentation made and further discussions held, the project is recommended to SEIAA for grant of Environmental Clearance. The following specific conditions should be imposed at the time of issuing EC:

1. *Treated water of DJB STP should be used for construction purposes upto the maximum extent possible.*
2. *Packaged/ mobile STP shall be provided for labour camp during construction phase.*
3. *Ground water should be extracted only after the permission from DJB.*
4. *Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work.*
5. *STP should be adequate to treat the waste water so that BOD level should not exceed 10 mg/l in treated water.*
6. *Magnetic Flow Meters should be installed to monitor consumption of fresh water as well as treated water.*
7. *Fixed pipelines should be provided for distribution of excess treated waste water for horticultural use within the complex.*
8. *Excess treated waste water should not be discharged into nearby drains and should be diverted into the nearby horticultural parks through a fixed pipeline to be laid by the project proponent.*
9. *6 m wide green belt with minimum two rows of trees should be planted all around the boundary. Minimum 1 tree for every 80 Sq. Mt of plot area should be planted within the project site in accordance with the landscape plan submitted.*

10. *Solar Photovoltaic (SPV) system should be installed to reduce use of conventional source of energy. Minimum 50% of roof top area of building should be utilized for installation of Solar Panels/ SPV system.*

11. *Only LEDs should be used.*

12. *Green building norms should be followed with a minimum 3 star GRIHA rating and Gold rating should be followed up.*

13. *Total capacity of DG sets should not exceed 50% of the total load.*

14. *Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.*

15. *Minimum 8 m high barricade should be provided all around the project site before the start of construction.*

16. *During the construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & ors.*

17. *Adequate ventilation should be provided in the basements and the concentration levels of Carbon Dioxide, Carbon Monoxide should be monitored periodically and be reported in periodical compliance reports to be submitted.*

18. *Project proponent shall be responsible for establishment, operation and maintenance of all common facilities and also for compliance of EC conditions during operation stage.*

19. *The environmental clearance is subject to obtaining prior clearance from wildlife angle including clearance from the Standing Committee of the National Board for Wildlife as applicable.*

20. *Grant of environmental clearance does not necessarily implies that wildlife clearance shall be granted to the project and that their proposals for wildlife clearance shall be considered by the respective authorities on their merits and decision taking.*

21. *The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment, Forests & Climate Change/ SEIAA, Delhi shall not be responsible in this regard in any manner.*

Case No. 224 (Fresh)

Name of the Project	"Expansion of Guru Gobind Singh Hospital" at Raghubir Nagar, New Delhi-110027.
Project Proponent	Dr. S.C. Chetal (Medical Superintendent) M/s Guru Gobind Singh Hospital. Guru Gobind Singh Hospital,Raghubir Nagar, New Delhi-110027.
Project Consultant	Asenso Management & Consulting Services Pvt. Ltd.
Name of organization in which application submitted	MoEF&CC on 11.02.2015. Submitted copy in DPCC on 11.08.2015
Documents Submitted	• Form – I & IA. • Conceptual Plan. • Location Map showing the project site. • Google Map showing Location of Project Site & surrounding within 500m. • Drawing Map of Area within 10 Km radius of the project Site. • Solid Waste Management Plan. • Water Management with Water balance diagram during Monsoon and Non Monsoon Season. • Schematic diagram of MBBR STP in A4 size. • Energy Conservation measures. • Environment Management Plan during Construction and Operational Phase. • Environment Monitoring System and Monitoring Plan during Construction and Operational Phase. • Fire Fighting System. • Water and Electricity Bill. • Land Documents. • Site Plan in A1 size. • Floor plans of OPD Block in A1 size.

	• Floor plans of OT Block in A1 size. • Floor plans of-Housing type-I and II in A1 size. • Floor plans of-Housing type-III in A1 size. • Floor plans of-Housing type-IV in A1 size. • Floor plans of maternity Hospital in A1 size. • Floor plans of Doctor zone in A1 size. • Tree cutting application. • Services plan for existing building in A1 size. • Services plan for maternity hospital in A1 size. • Plans for Doctors hostel in A1 size. • Documents regarding disposal of bio-medical waste. • Site Photographs. • Landscape plan in A1 size.

Remarks:

- Indira Gandhi International Airport: .8.77 km (S).
- Delhi cant. Railway Station: 4.64 km (S).
- Rajdhani College : 1.84 km (E)
- Balaji Action Medical Institute: 2.03 km (N)
- Central Ridge Reserve FSorest :6.67 Km (S)
- Yamuna River: 12.48 km(E)
- Najafgarh Drain-0.63 km(N)

Brief Project description as per documents submitted

"Expansion of Hospital Project" of Guru Gobind Singh Govt. Hospital at Raghubir Nagar, New delhi-110027.Project proponent has submitted an application for EC in the MOEF on 11.02.2014&proposal was accepted by MS, EAC(MOEF) on 17.04.2015, hard copy of application was submitted to MOEF on 5.06.2015. project proponent could not attended the 147th EAC meeting held on dated 24-04-2015 as proposal was not submitted in hard copy to SEIAA(Delhi). While tracking online through ministry OSMEC portal, we found that our proposal has been duly transferred to your esteemed SEAC on 29.07.2015.

It is proposed to expansion of existing hospitals in terms of maternity and child hospital. Rooms for junior & senior doctors & dormitories for attendants. Total number of existing trees is 389, out of which 374 to be retained and 15 to be cut and new trees proposed are 179. Details of existing building and facilities in the hospital are not given in the application.

	Total
Total Plot Area	53774.16Sq.m
Total Site Area	53774.16Sq.m
Cost of the Project	Rs 100 CR(Approx)
Total Built Up Area (FAR + Non FAR)	45429.10 Sq.m (84.48 % of plot area)
Max permissible FAR	107548.32Sq.m (200% of plot area)
FAR proposed	36832.48Sq.m (68.49% of plot area)
Built Up Area (Non FAR)	8596.62Sq.m
Total No of Units	155 residential units + 150Beds in hospital
Total Population	2169 Persons
Minimum Green Area required	16132.248 Sq.m(30 % of plot area)
Total Green Area proposed	19696.75Sq.m(36.6% of plot area)
Minimum no of Trees required	161
No of Trees proposed	179
Max permissible Ground coverage	16132.25 Sq. m(30%)
Total ground coverage	12132.52 Sq.m(22.56%)
No. of Towers & Floors	Maternity Hospital-B+G+6 &Doctor's Hostel G+6
Building Height	Details not given
Total parking required	486 ECS
Parking proposed in Basement	143 ECS
Parking proposed at Surface	400ECS
Source of Water during construction Phase	Private Water tankers.
Total water requirement during construction Phase	16-18 KLD
Source of Water during Operational Phase	Delhi Jal Board
Total water requirement during Operational Phase	145KLD
Fresh Water requirement during Operational Phase	125KLD

Reuse of treated Water during Operational Phase	175KLD
Total wastewater generation	195 KLD
Capacity of STP	235KLD
Technology for STP	MBBR
Reuse of treated water in Flushing	95 KLD
Reuse of treated water in Cooling	60 KLD
Reuse of treated water in Horticulture/ Gardening	20 KLD(During Non-Monsoon)
Bio-medical Waste Generation	56.25 Kg/Day
Total solid waste generation	389.85 KG/ Day
Total number of RWH pits	02
Total power requirement	1175 kW
Capacity of DG Sets proposed	750 KVA

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

Based on information furnished, presentation made and discussions held, the Committee sought the following information from the Project Proponent for its further consideration:

1. ***Revised plan to reduce the surface parking and provision for underground parking in order to increase green cover.***
2. ***Revised water mass balance chart.***
3. ***Revised proposal with the provision of separate ETP & STP & layout plan showing location of ETP, STP, RWH pits and DG sets in A1 size.***
4. ***Revised landscape plan clearly showing the name & no. of proposed trees with their location, in accordance with CPCB guidelines with minimum two rows of trees all around the periphery.***
5. ***Plan for utilizing the roof top solar energy.***
6. ***Firm undertaking for achieving the minimum 3 Star GRIHA rating and Gold rating should be followed up.***

7. *Undertaking to the effect that treatment of waste water in existing STP will be discontinued only after installation and efficient commissioning of proposed STP & ETP and also the confirmation of the modalities of treatment in the transition stage should be submitted.*
8. *Approvals from, DUAC, AAI & Fire Department for the proposed project.*
9. *Fire Fighting Plan and Evacuation Plan in A1 size.*
10. *Revised Rain Water Harvesting Plan and schematic diagram of Rain water harvesting pit in A4 size.*
11. *Dual Plumbing, Storm Water Drainage Plan & Sewerage Plan in A1 size.*
12. *Remedial measures for controlling dust pollution during construction phase.*
13. *Solid waste management plan.*

Case No: 225 (Fresh)

Name of the Project	Revision of EC of Ambience Mall at Plot No. 2, Vasant Kunj Shopping Complex, Nelson Mandela Marg, Vasant Kunj, Phase-II, New Delhi.
Project Proponent	Sh. Vinod Garg (President-Finance and Corporate), M/s Ambience Commercial Developers Pvt. Ltd,
Project Consultant	Grass Root
Date of Application	18.08.2015 in SEIAA, Delhi from MoEF&CC
Name of organization in which application submitted	Ministry of Env., Forest & CC

Project Proponent has submitted application amendment/ revision of earlier granted Environmental Clearance through online portal in MOEF&CC and hard copy of the project has been received from MoEF&CC to Secretary SEIAA, Delhi on 18.8.2015.

Brief of the case as per documents submitted is as under:

EC was granted to the project by MoEF on 27.11.2006. As per the EC granted, Ambience Mall has 4 floors and 3 level basements. The project is part of 92 Hectares of constraint area in Vasant Kunj shopping mall related to legal issue in the case of WP(C) 202/1995 of Supreme Court.

The Committee deliberated regarding Hon'ble NGT order dated 24.10.2013 in case of J Mehta Vs UOI &othrs (Application no 88 of 2013) inter alia envisaging the following directions:

..... (b) prohibit the user of the basement (including Upper Basement, Lower 1 Basement and Lower 2 Basement) and the Ground Floor and First Floor of the Multi-level car parking for any commercial use or other uses except for parking and services, as provided under the EIA Report and in the EC dated 27th November, 2006; .....(g) grant liberty to Respondent No. 9 to apply for reappraisal of the EIA Report and the EC dated 27th November, 2006. If such an application is moved, the competent authority shall consider the same in accordance with law and with due regard and care for improvement of environment and public health....".

MPD-2021 has permitted increase of FAR for the commercial complexes. Project Proponent has submitted copy of DDA letter dated 06.03.2014 regarding apportionment of additional FAR in the Non Hierarchical Commercial Centre of the Vasant Kunj with certain conditions, copy circulated to the SEAC members.

As per report submitted by the Project Proponent, no construction will be carried out and there will be no changes in built up area. Project Proponent proposed to convert Non FAR area into FAR area so that same can be utilized for commercial purposes without undertaking any new building & construction activity for increasing the existing built-up area.

It is proposed that Upper basement, GF, FF, SF, and 3rd floor non FAR area of main building as well as in the multi-level parking block will be partially used for commercial purposes as FAR area. Details of existing and proposed area is as under:

S. No.	Floor	Existing			Proposed		
		FAR	Non-FAR	Total	FAR	Non-FAR	Total
1	Upper Basement	-	16853.307	16853.307	11143.374	5709.933	16853.307
2	Ground Floor (including 25% of Atrium area)	11002.931	4063.840*	15066.771	12490.405	2576.366	15066.771
3	First Floor	10091.982	3774.827	13866.809	11637.762	2229.047	13866.809
4	Second Floor	10079.160	424.641	10503.801	10503.801	-	10503.801
5	Third Floor	9846.695	432.356	10279.051	10279.051	-	10279.051
6	Cinema Ext level+ Audi admn	155.820	-	155.820	155.820	-	155.820

	Projection Floor + Foyer	715.741	-	715.741	715.741	-	715.741
8	Lower Basement (B1)	-	29626.807	29626.807	-	29626.807	29626.807
9	Lower Basement (B2)	-	29626.807	29626.807	-	29626.807	29626.807
	Total			**126694.914**			**126694.912**
10	Landscape area including landscape terrace	6000			11072.37		

*including existing coffee shop measuring 350 sqm.

Total water requirement after revision will be 511 KLD, out of which domestic water requirement is 151 KLD and total fresh water requirement will be 92 KLD. Revised project will generate 455 KLD of wastewater. It is proposed to expand the capacity of STP from 450 KLD to 650 KLD. Project proponent will take wastewater from DDA/DJB & treated in its own STP to meet the water requirement. 6 RWH pits have already been provided.

As per earlier EC provision of 1772 car parking has been made and now parking for 1876 ECS has been proposed. Proposed Parking details is as under:

	Car	**Scooter**	**Total**
Basement-I	669 ECS	152 ECS	821 ECS
Basement-I	726 ECS	79 ECS	805 ECS
Lower Gound Floor	115 ECS	1 ECS	116 ECS
Upper Ground Floor	66 ECS	1 ECS	67 ECS
First Floor	66 ECS	1 ECS	67 ECS
Total	**1642 ECS**	**234 ECS**	**1876 ECS**

Remarks:

- Jawahar Lal Nehru University-0.12 km (E)
- Sri Krishna Dhama Sukhmani hospital-0.80 km (SW)
- Yamuna River: 12.27 km(ENE)
- ASOLA wild life sanctuary-13.11 km(SE)

- Delhi-Haryana border-5.6 km (WSW)
- NH-8 -2.70km(NW)
- Palam railway station-7.84km(NW)
- Chattarpur metro station -4.16km(SE)
- Indira Gandhi International Airport-5.5km(SW)

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

Based on the information furnished, presentation made by the project proponent and further discussions held, the project is recommended to SEIAA for grant of Environmental Clearance.

The following specific conditions should be imposed at the time of issuing EC:

1. ***Capacity of STP should be enhanced to 650 KLD and it should be adequate to treat the waste water so that BOD level should not exceed 10 mg/l in treated water.***
2. ***Magnetic Flow Meters should be installed to monitor consumption of fresh water as well as treated water.***
3. ***Fixed pipelines should be provided for distribution & reuse of treated waste water for horticultural use within the complex.***
4. ***Minimum 1 tree for every 80 Sq. Mt of plot area should be planted within the project site.***
5. ***Solar Photovoltaic (SPV) system should be installed to reduce use of conventional source of energy. Minimum 50% of roof top equivalent area of building should be utilized for installation of Solar Panels/ SPV system.***
6. ***Use of LED lights should be adopted.***
7. ***Explore the possibility of achieving Green building norms with a minimum 3 star GRIHA rating.***
8. ***Capacity of DG set should not exceed 50% of the total load.***
9. ***Adequate ventilation should be provided in the basements and the concentration levels of Carbon Dioxide, Carbon Monoxide should be monitored periodically and be reported in periodical compliance reports to be submitted.***

10. *Biodegradable solid waste should be converted into compost using organic waste converter.*

11. *The environmental clearance is subject to obtaining prior clearance from wildlife angle including clearance from the Standing Committee of the National Board for Wildlife (if applicable w.r.t. location of the project from Asola Wildlife Santuary). Grant of environmental clearance does not necessarily implies that wildlife clearance shall be granted to the project and that their proposals for wildlife clearance shall be considered by the respective authorities on their merits and decision taking, if applicable. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment, Forests & Climate Change/ SEIAA, Delhi shall not be responsible in this regard in any manner.*

12. *All other requisite statutory clearances/ approvals such as storage of diesel from Chief Controller of Explosives, Fire department & approvals from MCD/ DDA w.r.t. use of enhanced FAR in the basement and upper floors of the building in this plot in accordance with letter no F.7(2)2004/CL/631 dated 06.03.2014 issued by Director(CL), DDA shall be obtained before use of additional FAR.*

13. *Consent under Air and Water Acts shall be obtained from DPCC before use of additional FAR.*

Case No: 226 (Fresh)

Name of the Project	Expansion of Group Housing Society by M/S Welcome Co-operative Group Housing Society Ltd at Plot No-6,Sector-3,Dwarka.
Project Proponent	P.S Sahoo
Project Consultant	M/S Welcome Co-operative Group Housing Society Ltd.
Date of Application	25.05.2013
Name of organization in which application submitted	DPCC

Anil Kumar

Documents Submitted	Form – I & IA. Conceptual Plan. Layout Plan. Topographical Map (10 Km radius area). Site Photographs. Water Management with Water balance diagram. Environment Management Plan during Construction and Operational Phase. Schematic diagram showing STP technology in A4 size. Schematic diagram of RRWH pit in A4 size. Health safety and occupational measures. Risk Assessment. Approval from DDA for Proposed FAR Area. AAI & DUAC Approval. Copy of Electricity Bill. Authorization Letter. Document of Water Connection. Layout/Landscape Plan in A1 Size. Section Plan & Elevation Plan in A1 size. Storm Water Drainage Plan (Rain Water Harvesting Diagram) in A1 Size. Fire Fighting Plan in A1 size. Land Documents. Geotechnical Report. Base line environmental data w.r.t. ambient air quality, soil quality, ground water and noise monitoring dated OCTOBER 2013. Floor wise plan and Basement Plan (Location of DG sets) in A1 Size.

Brief Project description as per documents submitted:

	Total
Total Plot Area	9,406.12Sq.m
Net Site Area	9,406.12Sq.m
Cost of the Project	Rs 27.3CR
Total Built Up Area (FAR + Non FAR)	22,491.255Sq.m

Max permissible FAR	18,812.24.0 Sq.m (200%)
FAR proposed	18,712.211Sq.m (198.94%)
Built Up Area (Non FAR)	3,779.044Sq.M
Total No of Units	126 Dwelling
Total Population	652 Persons
Minimum Green Area required	1519.861Sq.m(20%)
Total Green Area proposed	1519.861Sq.m
Minimum no of Trees required	118
No of Trees proposed	464
Max permissible Ground coverage	3,15.059Sq.m @33.33 %
Total ground coverage	2,230.79Sq.m
No. of Towers & Floors	1B+G+10 Floors in all the blocks(AtoD)
Building Height	33.41
Total parking required	270 ECS
Parking proposed in open area	726 ECS
Source of Water during construction Phase	Outside by Water tankers
Total water requirement during construction Phase	10 KLD
Source of Water during Operational Phase	DJB& Outside Water Tanker
Total water requirement during Operational Phase	88 KLD
Fresh Water requirement during Operational Phase	55 KLD
Reuse of treated Water during Operational Phase	NIL
Total wastewater generation	68 KLD
Capacity of STP	Central STP
Technology for STP	CSTP
Reuse of treated water in Flushing	NIL
Reuse of treated water in Cooling	Nil

Reuse of treated water in Horticulture/ Gardening	NIL
Reuse of treated water in other purposes (specify)	NIL
Total solid waste generation	299 KG
Total number of RWH pits	3nos
Total power requirement	896 KW
Capacity of DG Sets proposed	2×180 kVA

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

The SEAC decided that this appraisal will not be construed the approval for structural safety. The applicability of order dated 16.04.2012 issued by Director (Planning), DDA on utilization of additional FAR, without compromising structural safety, shall be looked into by DDA/ MCD while giving necessary approvals.

Project Proponent was asked to submit the details & represent their case on environmental issues in forthcoming meetings.

CASE NO-227(FRESH)

Name of the Project	"Wazirabad proposed bridge project on river Yamuna". Bridge length : 575 m & Approach length : 7295 m
LOCATION	Wazirabad bridge on Yamuna, 600 m d/s of existing barrage at Wazirabad + its approaches on western side on NH-1+ on eastern side up to Khajurikhas, Delhi
Project Proponent	Mr. P.K Sharma, Executive Engineer-1, Wazirabad Bridge Project, DTTDC, near petrol pump, MajnuKaTilla, Outer Ring Road, Delhi-54.
Phone No	9312848238, 23819696
Fax	23819595
Email	eedttdc@sify.com
Project Consultant	Details not given
Name of organization &Date of Application	In DPCC (24.8.2015)

Delhi Tourism and Transportation Development Corporation (DTTDC) have proposed to construct a bridge at Wazirabad. The DTTDC has plans to develop this bridge as Signature Bridge and area around it shall be developed as a tourist destination. In order to develop tourist destination as a water body a weir in downstream of proposed bridge at 600 m distance has also been planned. The features of tourist destination include theme park and a lake between the Wazirabad barrage and a weir to be constructed downstream of the bridge.

Brief of the project as per EIA report, Form-1 & Form-1A are as follows:

Delhi Tourism & Transportation Development Corporation limited has undertaken the construction of Signature Bridge over the river Yamuna 600 m downstream of existing barrage at Wazirabad, Delhi as a deposit work of PWD, GNCT of Delhi. More than 85 % of the project has already been completed.

Earlier, before the commencement of the DTTDC has applied for obtaining environment clearance to MOEF vide letter no-OTTDC/ENGG/WB/23(42)/2006/302 dated 6.11.2006. but MOEF vide their letter no-21-137/2006-1A-III dated 14-3-2007 had informed that the "bridge are not covered under EIA notification 2006 and as such Environmental clearance is not required. The fact was also provided before the Hon'ble NGT court.

Now, after the conclusion of arguments, the Hon'ble NGT court has pronounced their judgment ON 12.02.2015 (Copy placed as Annexure-C). Extracts of order is given below:

1. We hold that construction of a bridge or similar activity covering a build up area > 150000 sqm and/or covering an area of 50 hectares, would be covered under Entry 8 (b) of the schedule to the regulations of 2006.
2. We direct respondents no 1 (i.e. DTTDC) to obtain environmental clearance for the project in question. Such application would be submitted within a period of three week from the pronouncement of this judgment by 5th march 2015.
3. The SEIAA shall consider the said application as category 'B' project and would dispose it off by passing appropriate orders in accordance with law upon submission of EIA report and in any case not later than 6 months from today.
4. Though the major part of the project part of the project has as already been completed, we do not direct demolition thereof in public interests. However, we direct SEIAA to put such terms and conditions as may be necessary to ensure that there are no adverse

impact on environment, ecology, biodiversity and environment flow of river Yamuna and its floodplain.

5. We also direct that SEIAA may impose conditions contain remedial measures to be taken by the project proponent to ensure that there is no environmental degradation.
6. We direct MOEF to comply with the directions issued by Hon'ble supreme court in Para 84 of the case of in re: construction of park at NOIDA near Okhla Bird Sanctuary V. Union of India (UOI) &others. (2011) 1 SSC 744.

In compliance of NGT order dated-12.2.2015 DTTDC submitted an application of EC before SEIAA delhi on 27.02.2015 and the same was returned to the Project proponent vide letter dated13.3.2015 since the tenure of erstwhile SEAC AND SEIAA expired on 4.8.2014. Project proponent has submitted the application for EC in MOEF & CC on vide letter dated 27.03.2015. Further as stated by the project proponent that joint director, IA, MOEF&CC on 13.08.2015 informed them that now cases under category "B" are being dealt by SEIAA, which has been formed and suggested to apply to SEIA Delhi. However project proponent has submitted unsigned copy of Form-1, Form-1A and EIA report vide letter dated 14.08.2015 by post which was received in the Secretariat of SEIAA of Delhi (i.e. DPCC) on 24.08.2015. Project proponent has submitted EIA report conducted in October 2004.

1. Total anticipated expenditure is approximate Rs 4590 million.
2. The bridge to be constructed will change land use & topography at river due to embankment.
3. Construction camp will be established by the contractor the construction camp will have Pugmill, 2 batch mix plant.
4. The area around the bridge &approaches may be developed may be developed as a tourist destination.
5. Construction waste will be utilized in construction or embankment filling, river will be channelized at bridge site.
6. Water is being arranged by the contractor during construction. No abstraction from ground water.
7. No water harvesting plan.

8. 3881 local trees & shrubs such as Neem, Babul may have to be removed. Some of them will be transplanted to nearby location; however removal will be compensated by planting 10 times the number of trees removed from project site.

9. There will be increase in Air pollutions concentration after implementation of project due to increased vehicular traffic loads.

10. The runoff will increase due to creation of paved surface. The river flow at bridge site will be channelized due to bridge construction. The increase runoff will be 25080 m^3.

11. The impact on air quality in pre construction phase shall be due to movement of machinery for site clearance, establishment of construction camp, etc. during the construction phase impact on air quality shall be due to transport of construction material, operations of WMM concrete batching plant, hot mix plant, construction vehicle movement, etc.

12. During operation, the main source of air pollution shall be vehicular emissions. in order to predict air quality. modeling have been carried out with the help of CALINE-3 model.

13. There shall be little charge in drainage pattern of the areas, as the existing Najafgarh drain is to be diverted downstream of weir through a box culvert.

14. During operation stage surface runoff from paved surface shall drain in to the river. The increased surface runoff has been estimated as 25080 m3.

	Total
Total Plot Area	280211Sq.m
Cost of the Project	Rs 631.81CR
Source of Water during construction Phase	Own arrangement of contractor through tankers.
Source of Water during Operational Phase	Water not required
Fresh Water requirement during Operational Phase	NIL
Total wastewater generation	150 KLD
Water consumption during	170 m^3/day including 20 KLD for

construction phase	domestic purpose.
Power requirement	62.5 kVA(during Construction 165 kVA (during operation)
Land area	28.02 Ha
Built-up area	26.2 Ha in western and eastern approaches
Connectivity	Required withNH-1
Community facilities	Nil
Parking needs	Parking at construction site during construction only for above vehicles.

After due deliberations, the SEAC in its 72nd meeting held on 26.09.2015 recommended the ToR as follows for conducting Environment Impact Assessment study and information to be included in EIA/EMP report:

1. *Examine details of land use as per Master plan and land use around 10km radius of the project site. Analysis should be made base on latest satellite imagery for land use with raw images. Check on flood plain of any river.*
2. *Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.*
3. *Examine baseline environmental quality along with projected incremental load due to the project.*
4. *Environmental data to be considered in relation to the project development would be (a) land, (B) groundwater,(c) surface water,(d) air,(e) bio-diversity,(f) noise and vibrations,(g) socio economic and health.*
5. *Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.*
6. *Submit the details of the trees to be felled for the project.*
7. *Submit the present land use and permission required for any conversion such as forest, agriculture etc.*
8. *Submit Roles and responsibility of the developer etc for compliance of Environmental regulations under the provisions of EP Act.*
9. *Ground water classification as per the Central Ground Water Authority.*

10. *Examine the details of Source of Water, water requirement, use of treated waste water and prepare a water balance chart.*
11. *Rain Water Harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water, Examine details.*
12. *Examine soil characteristics and depth of ground water table for rain water harvesting.*
13. *Examine details of solid waste generation treatment and its disposal*
14. *Examine and submit details of use of solar energy and alterative source of Energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.*
15. *DG sets likely to be used during construction and operational phase of the Project. Emissions from DG sets must be taken into considered while estimation the impacts on air environment. Examine and submit details.*
16. *Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.*
17. *A detail traffic and transportation study should be made for existing and projected passenger and cargo traffic.*
18. *Examine the details of transport of materials for construction which should include source and availability.*
19. *Examine separately the details for construction and operation phases both for Environmental Management plan and Environment Monitoring Plan with cost and parameters*
20. *Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.*
21. *Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.*
22. *The Cost of the project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.*
23. *In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly.*

24. *In case the road passes through a flood plain of the river, the details of micro drainage, flood passages and information on high levels flood periodicity at least of last 50 years in the area should be examined.*
25. *The information should be provided about the details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation.*
26. *Examine and submit the details of use of fly ash in the road construction, if the project road is located within the 100km from the thermal power plant.*
27. *Examine and submit the details of sand quarry, borrow area and rehabilitation.*
28. *Explore the possibilities of utilizing the debris/waste materials available in and around the project area.*
29. *The air quality monitoring should be carried out as per the new notification issued on 16th November, 2009.*
30. *Identify project activities during construction and operation phases, which will affect the noise levels and the potential for increased noise resulting from this project. Discuss the effect of noise levels on near by habitation during the construction and operational phases of the proposed highway. Identify noise reduction measures and traffic management strategies to be deployed for reducing the negative impact if any. Prediction of noise levels should be done by using mathematical modelling at different representative locations.*
31. *Examine the impact during construction activities due to generation of fugitive dust from crusher units, air emissions from hot mix plants and vehicles used for transportation of materials and prediction of impact on ambient air quality using appropriate mathematical model, description of model, input requirement and reference of derivation, distribution of major pollutants and presentation in tabular form for easy interpretation shall be carried out.*
32. *Also examine and submit the details about the protection to existing habitations from dust, noise, odour etc. during construction stage. IRC guidelines to be followed for traffic safety while passing through the habitat.*
33. *If the proposed route involves cutting of earth, the details of area to be cut, depth of cut, locations, soil type, volume and quantity of earth and other material to be removed with location of disposal/dum site along with necessary permission.*

34. *Examine and submit the water bodies including the seasonal ones within the corridor of impacts along with their status, volumetric capacity, quality likely impacts on them due to the project.*
35. *Examine and submit the details of measures taken during construction of bridges across river/canal/major or minor drains keeping in view the flooding of the rivers and the life span of the existing bridges. Provision of sped breakers, safety signals, service lanes and foot paths should be examined at appropriate locations through out the proposed road to avoid the accidents.*
36. *If there will be any change in the drainage pattern after the proposed activity, details of changes shall be examined and submitted*
37. *IRC guidelines shall be followed for widening & up gradation of road.*
38. *Examine road design standards, safety equipment specifications and Management System training to ensure that design details take account of safety concerns and submit the traffic Management plan.*
39. *Submit environmental Management and Monitoring plan for all phases of the project viz. construction and operation.*
40. *In case of river/creek crossing, details of the proposed bridges connecting on either banks, the design and traffic circulation at this junction with simulation studies.*
41. *Details to ensure free flow of water In case the alignment passes through water bodies/river/streams etc.*
42. *The cost of the Project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.*
43. *Any Further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model TOR available on Ministry website http://moef.nic.in/Manual/Townships.*

GENERAL GUIDELINES

1. *The EIA document shall be printed on both sides, as for as possible.*
2. *All documents should be properly indexed, page numbered.*
3. *Period/date of data collection should be clearly indicated.*
4. *Authenticated English translation of al material provided in Regional languages.*
5. *The letter/application for EC should quote the MOEF & CC file no. and also attach a copy of the letter prescribing the TOR.*

6. *The copy of the letter received from the SEAC on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.*
7. *The final EIA-EMP report submitted to the Ministry must incorporate the issues in TOR and the raised in Public Hearing. The index of the final EIA-EMP report, must indicate the specific chapter and page no. of the EIA-EMP report where the specific TOR Prescribed by Ministry and the issue raised in the public Hearing have neen incorporated. Questionnaire related to the project (posted on MOEF&CC website) with all sections duly filled in shall also be submitted at the time of applying for EC.*
8. *Grant of TOR does not mean grant of EC.*
9. *The status of accreditation of the EIA consultants with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.*
10. *On the front page o EIA/EMP reports, the name o the consultant/ consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs(TOR proposed by the project proponent and additional TOR given by the MOEF) have been complied with and the data submitted is factually correct(Refer MOEF office memorandum dated 4th august,2009).*
11. *While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the laboratories through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MOEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.*
12. *You are required to submit the detailed final EIA/EMP prepared as per TORs SEAC for considering the proposal for environmental clearance within 3 years as per the MOEF&CC O.M. No.J-11013/41/2006-IA-II(I)(p) dated 08.10.2014.*
13. *The consultants involved in the preparation of EIA/EMP report after accreditation with quality council of India/National Accreditation Board of Education and Training(QCI/NABET) would need to include a certificate in this*

regard in the EIA/EMP reports Prepared by them and data provided by other Organization of the MOEF dated 19.07.2013.

14. *The Prescribed ToR would be valid for a period of three years for submission of the EIA/EMP Reports*

Case No 228 (Fresh)

Name of the Project	"Expansion of Hospital Project" at Max Super Speciality Hospital at 108-A, Indraprastha Extension, Patparganj,delhi-110092.
Project Proponent	SurendarKaul, Executive Trustee, Balaji Medical and Diagnostic Research Centre, 108 A, Indraprastha Extension, Parpatganj, Delhi-110092
Project Consultant	Grass Root Research & Creation India Ltd.
Date of Application	29.07.2015
Name of organization in which application submitted	DPCC
Documents Submitted	Form – I & IA. Conceptual Plan. Water Management with Water balance diagram during Monsoon and Non Monsoon Season. Schematic diagram of Rain water harvesting pit in A4 size. Bio-medical Waste Collection System. Environment Management Plan. Environment Monitoring System and Monitoring Plan. Consent to Operate and Land Documents. Google Map showing Location of Project Site & surrounding within 500m&within 2,5,10 km Location Map in A3 size. Site Plan in A1 size. Dual Plumbing Layout in A1 size. Detail report on sewage & lab effluent treatment. Location of STP & ETP in A4 size. Storm Water Drainage Plan, Section and Location of RWH pits in A1 size. Surface Parking and Traffic Circulation Plan in A1

	size. Power Load & DG set requirement calculation. Site Layout showing electrical substation & DG set location in A1 size. Elevation and Section plan in A1 size. Landscape plan in A1 size. Fire Fighting Plan-Site Layout and Evacuation Plan in A1 size. Floor wise and Terrace plan in A1 Size. Ground water Monitoring Report dated 18.5.2014. Ambient Air Quality Monitoring Report dated 1.6.2014. Soil testing report dated 17.5.2014. NOC from Fire Department for the existing building. Approval from AAI dated 17.10.2011 valid up to 18.2.2013 Site Photographs.

Remarks:

- Indira Gandhi International Airport: 20.1. km (WSW).
- Anandvihar Railway Station: 2.0 km (NNE).
- Anandvihar Metro Station: 1.7 m (NNE)

Brief Project description as per documents submitted

"Expansion of Hospital Project" at Max Super Specialty Hospital (a unit of Balaji Medical and Diagnostic Research Centre): At 108 A, Indraprastha Extensions, Patparganj, Delhi-110092. Existing capacity/ area etc as per Form-1 is more than 20,000 sq.m (PPG1-7638.69 sq.m and PPG2 -19286.38 Sq.m) and permissible FAR for existing is 17966.475 sq.m and achieved FAR is 23310.44. Period of the construction of earlier/ existing structure not given in the application

Particulars	Existing Phase Area (m2)	Expansion Phase Area (m2)	Final After Expansion Area (m2)

Total plot area	4791.06	8000	12791.06
Permissible FAR Percentage	200 %	375 %	375 %
Permissible FAR	17966.475Sq.m	30,000 Sq.m	47,966.48 Sq.m
Achieved FAR	23310.44	9946.04	33256.48(259%)
Built-up Area	26925.07	22676.42	51273.59
Proposed Green Area	1437.32	2411.26	3848.58 Sq.m (50.2 % of **OPEN AREA**)
Landscape Area	1437.32	2411.26	3848.58(50.2% of open area)
Parking required	–	–	665 ECS
Surface parking	–	–	140ECS
Parking in T1 tower(2B+G+7F)	–	–	634 ECS
Basement parking in PPG2 tower	–	–	47
Permissible Ground coverage percentage	30 %	40 %	40 %
Permissible Ground coverage	1916.424	3200	5116.42
Achieved ground coverage (33.3 % of plat area)	3170.33Sq.m	1945Sq.m	5115.33Sq.m (39.99)
Total water demand	288 KLD(domestic-209 KLD + horticulture-79 KLD		
Building Height	Not given		
Total population of the project	not mentioned		
Source of Water during construction Phase	not mentioned		
Total water requirement during construction Phase	not mentioned		
Source of Water during Operational Phase	Not mentioned		
Total water requirement during	-	-	375 KLD

Operational Phase			
Fresh Water requirement during Operational Phase	Details not given	Details not given	211KLD
Reuse of treated Water during Operational Phase	Details not given	Details not given	164 KLD
Total wastewater generation	Details not given	Details not given	208KLD
Capacity of STP	115 + 50KLD	155KLD	350KLD
Capacity of ETP	15 KLD	75KLD	90KLD
Reuse of treated water in Flushing	Details not given	Details not given	70 KLD
Reuse of treated water in Landscaping	Details not given	Details not given	74KLD
Reuse of treated water in Cooling	Details not given	Details not given	70KLD
Discharge to municipal sewer	–	–	21 KLD & 40 KLD
Total solid waste generation	–	–	Details not given
Total Municipal waste generation	–	–	Details not given
Bio-Medical Waste	168.25 KG	64.41 KG	259kg/day
Total number of RWH pits	–	–	2
Total power requirement	3125kVA	687.5kVA	3712.5kVA
Capacity of DG Sets proposed	2X1010 +2X500	-	2X1010 +1500kVA

Project proponent has submitted a letter on 24.09.2015 that due to certain changes suggested by (EDMC) and revised profile of their project they are not in a position to present their project before SEAC on 26.9.2015 and requested to defer the case and allow to submit the revised proposal for the project.

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

Case deferred in view of request of Project Proponent submitted vide letter dated 23.09.2015.

CASE NO-229 (Fresh)

Name of the Project	Construction of Central Square Flatted Factory Complex.
Location	20 Manohar Lal Khurana Marg, Bara Hindu Rao, Delhi-06
Project Proponent	M/s DCM Limited
Phone No	011-25719967
Fax	011-25765214
Project Consultant	Project Proponent
Name of organization &Date of Application	DPCC

Brief of the project as per documents submitted:

Environmental Clearance was granted by the Ministry of Environment and Forest vide No. 21-274/2008-IA.III on 22.08.2008 in the name of Purearth Infrastructure Limited for development of Central Square project. M/s DCM Limited has submitted form-1 and Form-1A along with request letter that there is no change in data/ figure and requested for extension of EC.

The name of project proponent changed to M/s. DCM Limited by MOEF vide No.21-27412008-1A.111 dated: 17.3.2009.The project land belongs to M/s DCM Limited.

Consent to Establish by DPCC granted under Air and Water Act vide Consent Order No. DPCC/CMC/2008/ 18669 dated 14.07.2008 for all the four phases.

Consent to Operate is being granted in phases, as and when a Plaza is complete, combined for all Plazas, as follows:

For first two phases (Plaza-3 and Plaza-1) - vide Order no. DPCC/CMC/2012/29487 dated 29-06-2012 (valid up to 16-01-2015).

For third phase (Plaza-2 and 1, 3 combined) - vide no. DPCC/CMC/2014/34766 dated 04-08-2014 (valid up to 08-07-2019). Cconstruction work in Plaza-4 is yet to be commenced.

Now the Project Proponent has submitted the letters on 21.08.2014 & 24.07.2015 stating that last phase of project (Plaza-4) excavation work completed, however construction work is yet to be started and requested to extend the terms of EC for a period of 5 years.

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

Based on the information furnished, presentation made by the project proponent and further discussions held and since the project work was initiated the Committee recommend to SEIAA for extension of validity of EC issued to the project for another 5 years from the date of expiry of earlier EC subject to all terms & conditions mentioned in the earlier granted EC remain same. Following specific conditions should also be imposed at the time of issuing EC:

1. *Magnetic Flow Meters should be installed to monitor consumption of fresh water as well as treated water.*
2. *Fixed pipelines should be provided for distribution & reuse of treated waste water for horticultural use within the complex.*
3. *Minimum 1 tree for every 80 Sq. Mt of plot area should be planted within the project site.*
4. *Solar Photovoltaic (SPV) system should be installed to reduce use of conventional source of energy. Minimum 50% of roof top equivalent area of building should be utilized for installation of Solar Panels/ SPV system.*
5. *Use of LED lights should be adopted.*
6. *Explore the possibility of achieving Green building norms with a minimum 3 star GRIHA rating.*
7. *Capacity of DG set should not exceed 50% of the total load.*
8. *Minimum 8 m high barricade should be provided all around the project site before the start of construction.*
9. *During the construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & ors.*

10. *Adequate ventilation should be provided in the basements and the concentration levels of Carbon Dioxide, Carbon Monoxide should be monitored periodically and be reported in periodical compliance reports to be submitted.*

TABLE AGENDA NO. -1

Case No: 230 (Fresh)

Name of the Project	"Prefab Cat-II& EWS Housing at Pocket 1 B, Sector-A1-A4, Narela, New Delhi by M/s Delhi Development Authority.
Project Proponent	Executive Engineer, ND-4, Minimji Ka Bagh, Narela, Delhi-110040.
Project Consultant	M/s Delhi Development Authority.
Date of Application	28.08.2015
Name of organization in which application submitted	DPCC
Documents Submitted	1. Form – I & IA. 2. Conceptual Plan. 3. Location Map in A4 size. 4. Environment Management Plan &Environment Monitoring Plan. 5. Environment Management Plan with budget during Construction & Operation. 6. Schematic diagram of Rain water harvesting pit in A4 size. 7. Schematic diagram showing STP technology in A4 size. 8. Floor wise building plans 9. Landscape plan. 10. Section Plan & Elevation Plan in A1 size. 11. Water balance diagram. 12. Approvals from AAI, DUAC, Fire Department 13. Storm water drains Layout Plan showing location of RWH in A1 size. 14. Water supply Layout Plan in A1 size. 15. Copy of topo-sheet showing project site and surroundings. 16. Site Layout Plan showing location of Pump room for STP DG sets in A1 size. 17. Topographical site plan in A1 size. 18. Drainage Plan in A1 size.

Brief Project description as per documents submitted:

	Cat-II	EWS	Total
Total Plot Area	-	-	55100 Sq.m
Net Site Area	-	-	54771 Sq.m
Site area parts	21220	33551	
Cost of the Project	-	-	Rs 485 CR
Total Floor Area (FAR)	42403.92 Sq.m (199.83)	134120.39 Sq.m (399.75)	1,76,524.31 Sq.m
Max permissible FAR	42440.0 Sq.m (200)	134204.0 Sq.m (400)	176644.00 Sq.m
Built Up Area (Non FAR) - basement + stilts	32659.47 Sq.m + 3331.51 sqm	-	35990.98 Sqm
Total No of Units	416	2860	3276 DUs
Total Population	1872 Persons (@4.5/DU)	12870 Persons (@4.5 DU)	12870 Persons
Minimum Green Area required	-	-	10235.0 Sq.m (20%)
Total Green Area proposed	-	-	Approx 15000 Sq.m (28.13 %)
Minimum no of Trees required	-	-	480
No of Trees proposed	-	-	Approx numbers- Trees - 600 Shrubs - 1500 Hedges - 4600 Gr covers- 11500
Max permissible Ground coverage	33.33% (7002.6 Sq. m)	No restriction except set backs	-
Total ground coverage	3896.80 Sq.m (18.36%)	9099.58 Sqm	12996.38 Sq.m
No. of Towers & Floors	4 (2B+S+13)	19 (G+15)	23
Building Height	41.45 mt	47.60 mt	
Total parking required	848 ECS	645 ECS	1493 ECS

Area & Parking proposed in Basement- I	16039.11 sqm - 392 ECS	NIL	16039.11 sqm - 392 ECS
Area & Parking proposed in Basement- II	16620.36 Sqm - 394 ECS	NIL	16620.36 Sqm - 394 ECS
Area & Parking proposed in stilts and surface	100 ECS (stilts)	648 ECS (open surface)	748 ECS
Source of Water during construction Phase	-	-	Water tankers
Total water requirement during construction Phase	-	-	25 KLD
Source of Water during Operational Phase	-	-	DJB
Total water requirement during Operational Phase	285 KLD	1954 KLD	2239 KLD
Fresh Water requirement during Operational Phase	190 KLD	1303 KLD	1493 KLD
Reuse of treated Water during Operational Phase	95 KLD	651 KLD	746 KLD
Total wastewater generation	-	-	1769 KLD
Capacity of STP	-	-	Central STP is now planned at each sector, sector A1A4 shall have sector level STP
Reuse of treated water in Flushing	95 KLD	651 KLD	746 KLD
Reuse of treated water in Cooling			Nil
Reuse of treated water in Horticulture/ Gardening	-	-	20 KLD
Reuse of treated water in other purposes (specify)	-	-	DDA shall divert for sector green plantation, green buffers, bio diversity parks
Total solid waste generation	1248 KG	8580 KG	9828 KG

Total number of RWH pits	-	-	6 nos
Total power requirement	7006 KW	16094 KW	23100 KW
Capacity of DG Sets proposed	-	-	700 kVA

Remarks:

- Bhalswa Lake : 8 km
- Bawana Industrial Area: 3 km.
- SultanpurDabas Reserve Forest : 7 Km
- Bawana Reserve Forest : 5 Km
- Mamupur Reserve Forest : 0.5 Km
- GhogaReserve Forest : 6 Km
- Rithala Metro Station : 4.5 Km
- NH 1: 2 km.
- Hospitals: 0.5 Km
- Haryana Boundary: 1 Km

Project Proponent has submitted an undertaking on DDA letterhead that:

Project have Sewerage discharge of 1769 KLD and shall be treated in Common STP of Sector A1A4, Narela of 3.5 MGD based on FAB & MBBR process installed by developer and shall be maintained by DDA till it is handed over to DJB for its operation and maintenance.

Treated effluent will be used for flushing, sectoral green and horticulture and other construction projects of DDA.

The Rain Water Harvesting pits 6 Nos. with oil and grease trap will be as per approved drawings of the DJB and shall be maintained by DDA for regular clean up till they are handed over to MCD for its operation and maintenance.

Project Proponent has further stated that the thee will be approx. 9828 kg/day solid waste generation from the Project and that will be disposed off as per MSW, 2000 guidelines. MSW will be collected from house to house and segregated at source by agency hired by DDA/ MCD.

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

Based on the information furnished, presentation made and further discussions held, the project is recommended to SEIAA for grant of Environmental Clearance. The following specific conditions should be imposed at the time of issuing EC:

1. *Sewerage discharge of 1769 KLD from the project shall be treated in sectoral STP (A1&A4 Narela) of 3.5 MGD based on conventional technology and shall be properly operate & maintained by DDA till it is handed over to DJB for its operation and maintenance.*
2. *DDA shall be responsible for 100 % reuse of treated waste water and effluent will be used for flushing within the project, sectoral green and horticulture use and in other construction projects of DDA in Narela.*
3. *The Rain Water Harvesting pits 6 Nos. with oil & grease trap with settling tank will be constructed as per approved drawings of the DJB and DDA shall be responsible for its operation, maintenance and regular clean up till they are handed over to MCD for its operation and maintenance.*
4. *Project Proponent shall ensure that Solid waste generation from the Project (9828 Kg/day) will be collected from house to house and segregated at source by agency hired by DDA/ MCD and shall be disposed as per MSW, 2000 guidelines.*
5. *Treated water of DJB STP should be used for construction purposes upto the maximum extent possible.*
6. *Packaged/ mobile STP shall be provided for labour camp during construction phase.*
7. *Ground water should be extracted only after the permission from DJB.*
8. *Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work.*
9. *STP should be adequate to treat the waste water so that BOD level should not exceed 10 mg/l in treated water.*
10. *Magnetic Flow Meters should be installed to monitor consumption of fresh water as well as treated water.*
11. *Fixed pipelines should be provided for distribution of excess treated waste water for horticultural use within the complex.*

12. *Excess treated waste water should not be discharged into nearby drains and should be diverted into the nearby horticultural parks through a fixed pipeline to be laid by the project proponent.*

13. *6 m wide green belt with minimum two rows of trees should be planted all around the boundary. Minimum 1 tree for every 80 Sq. Mt of plot area should be planted within the project site in accordance with the landscape plan submitted.*

14. *Solar Photovoltaic (SPV) system should be installed to reduce use of conventional source of energy. Minimum 50% of roof top area of building should be utilized for installation of Solar Panels/ SPV system.*

15. *Only LEDs should be used.*

16. *Total capacity of DG sets should not exceed 30% of the total load.*

17. *Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.*

18. *Minimum 8 m high barricade should be provided all around the project site before the start of construction.*

19. *During the construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & ors.*

20. *Adequate ventilation should be provided in the basements and the concentration levels of Carbon Dioxide, Carbon Monoxide should be monitored periodically and be reported in periodical compliance reports to be submitted.*

21. *Project proponent (DDA) shall be responsible for establishment, operation and maintenance of all common facilities and also for compliance of EC conditions during Construction & Operation Phases.*

TABLE AGENDA NO. -2

Case No: 231 (Fresh)

Name of the Project	"Prefab Cat-II& EWS Housing at Pocket 1 A, Sector-A1-A4, Narela, New Delhi by M/s Delhi Development Authority.
Project Proponent	Executive Engineer, ND- 5, KeshavPuram, Delhi-110035.
Project Consultant	M/s Delhi Development Authority.
Date of Application	28.08.2015
Name of organization in which application submitted	DPCC
Documents Submitted	1. Form – I & IA. 2. Conceptual Plan. 3. Location Map in A4 size. 4. Environment Management Plan &Environment Monitoring Plan. 5. Environment Management Plan with budget during Construction & Operation. 6. Schematic diagram of Rain water harvesting pit in A4 size. 7. Schematic diagram showing STP technology in A4 size. 8. Floor wise building plans 9. Landscape plan. 10. Section Plan & Elevation Plan in A1 size. 11. Water balance diagram. 12. Approvals from AAI, DUAC, Fire Department 13. Storm water drains Layout Plan showing location of I pits, in A1 size. 14. Water supply Layout Plan in A1 size. 15. Copy of topo-sheet showing project site and surroundings 16. Site Layout Plan showing location of Pump room for STI DG sets in A1 size. 17. Topographical site plan in A1 size. 18. Drainage Plan in A1 size.

Brief Project description as per documents submitted:

	Cat-II	EWS	Total
Total Plot Area	-	-	32100 Sq.m
Net Site Area	-	-	32047 Sq.m
Site area parts	12425	19622	
Cost of the Project	-	-	Rs 320 CR
Total Floor Area (FAR)	24786.56 Sq.m (199.49)	78380.96 Sq.m (399.45)	1,03,167.52 Sq.m

Max permissible FAR	24850.0 Sq.m (200)	78488.0 Sq.m (400)	103338.00 Sq.m
Built Up Area (Non FAR) - basement + stilts	18703.64 Sq.m + 2584.44 sqm	-	21288.08 Sqm
Total No of Units	248	1656	1904 DUs
Total Population	1116 Persons (@4.5/DU)	7452 Persons (@4.5 DU)	8568 Persons
Minimum Green Area required	-	-	5850.0 Sq.m (20%)
Total Green Area proposed	-	-	Approx 6755 Sq.m (23.09 %)
Minimum no of Trees required	-	-	266
No of Trees proposed	-	-	Approx numbers- Trees - 350 Shrubs - 750 Hedges - 2700 Gr covers- 6750
Max permissible Ground coverage	33.33% (4100.25 Sq. m)	No restriction except set backs	-
Total ground coverage	2922.60 Sq.m (23.52%)	5040.71 Sqm	7963.31 Sq.m
No. of Towers & Floors	3 (2B+S+13)	10 (G+15)	13
Building Height	35.55 mt	47.60 mt	
Total parking required	496 ECS	372 ECS	868 ECS
Area & Parking proposed in Basement- I	9208.497 sqm - 205 ECS	NIL	9208.497 sqm - 205 ECS
Area & Parking proposed in Basement- II	9495.144 Sqm - 227 ECS	NIL	9495.144 Sqm - 227 ECS
Area & Parking proposed in stilts and surface	71 ECS (stilts)	373 ECS (open surface)	444 ECS
Source of Water during construction Phase	-	-	Water tankers
Total water requirement during construction Phase	-	-	25 KLD

Source of Water during Operational Phase	-	-	DJB
Total water requirement during Operational Phase	169 KLD	1127 KLD	1296 KLD
Fresh Water requirement during Operational Phase	113 KLD	752 KLD	865 KLD
Reuse of treated Water during Operational Phase	56 KLD	375 KLD	431 KLD
Total wastewater generation	-	-	1036 KLD
Capacity of STP	-	-	Central STP is now planned at each sector, sector A1A4 shall have sector level STP
Reuse of treated water in Flushing	56 KLD	375 KLD	431 KLD
Reuse of treated water in Cooling	-	-	Nil
Reuse of treated water in Horticulture/ Gardening	-	-	10 KLD
Reuse of treated water in other purposes (specify)	-	-	DDA shall divert for sector green plantation, green buffers, bio diversity parks
Total solid waste generation	745 KG	4955 KG	5700 KG
Total number of RWH pits	-	-	4 nos
Total power requirement	4225 KW	9405 KW	13630 KW
Capacity of DG Sets proposed	-	-	550 kVA

Remarks:

- Bhalswa Lake : 8 km
- Bawana Industrial Area: 3 km.
- SultanpurDabas Reserve Forest : 7 Km

- Bawana Reserve Forest : 5 Km
- Mamupur Reserve Forest : 0.5 Km
- GhogaReserve Forest : 6 Km
- Rithala Metro Station : 4.5 Km
- NH 1: 2 km.
- Hospitals: 0.5 Km
- Haryana Boundary: 1 Km

Project Proponent has submitted an undertaking on DDA letterhead that :

Project have Sewerage discharge of 1025.6 KLD and shall be treated in Common STP of Sector A1&A4, Narela of 3.5 MGD based on FAB & MBBR process installed by developer and shall be maintained by DDA till it is handed over to DJB for its operation and maintenance.

Treated effluent will be used for flushing, sectoral green and horticulture and other construction projects of DDA.

The Rain Water Harvesting pits 4 Nos. with oil and grease trap will be as per approved drawings of the DJB and shall be maintained by DDA for regular clean up till they are handed over to MCD for its operation and maintenance.

Project Proponent has further stated that the thee will be approx. 5700 kg/day solid waste generation from the Project and that will be disposed offas per MSW, 2000 guidelines. MSW will be collected from house to house and segregated at source by agency hired by DDA/ MCD.

After due deliberations, the *SEAC in its 72nd meeting held on 26.09.2015* recommended as follows:

Based on the information furnished, presentation made and further discussions held, the project is recommended to SEIAA for grant of Environmental Clearance.

The following specific conditions should be imposed at the time of issuing EC:

1. ***Sewerage discharge of* 1025.6 *KLD from the project shall be treated in sectoral STP (A1&A4 Narela) of 3.5 MGD based on conventional technology and shall be properly operate & maintained by DDA till it is handed over to DJB for its operation and maintenance.***

2. *DDA shall be responsible for 100 % reuse of treated waste water and effluent will be used for flushing within the project, sectoral green and horticulture use and in other construction projects of DDA in Narela.*

3. *The Rain Water Harvesting pits 4 Nos. with oil & grease trap with settling tank will be constructed as per approved drawings of the DJB and DDA shall be responsible for its operation, maintenance and regular clean up till they are handed over to MCD for its operation and maintenance.*

4. *Project Proponent shall ensure that Solid waste generation from the Project (5700 Kg/day) will be collected from house to house and segregated at source by agency hired by DDA/ MCD and shall be disposed as per MSW, 2000 guidelines.*

5. *Treated water of DJB STP should be used for construction purposes upto the maximum extent possible.*

6. *Packaged/ mobile STP shall be provided for labour camp during construction phase.*

7. *Ground water should be extracted only after the permission from DJB.*

8. *Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work.*

9. *STP should be adequate to treat the waste water so that BOD level should not exceed 10 mg/l in treated water.*

10. *Magnetic Flow Meters should be installed to monitor consumption of fresh water as well as treated water.*

11. *Fixed pipelines should be provided for distribution of excess treated waste water for horticultural use within the complex.*

12. *Excess treated waste water should not be discharged into nearby drains and should be diverted into the nearby horticultural parks through a fixed pipeline to be laid by the project proponent.*

13. *6 m wide green belt with minimum two rows of trees should be planted all around the boundary. Minimum 1 tree for every 80 Sq. Mt of plot area should be planted within the project site in accordance with the landscape plan submitted.*

14. *Solar Photovoltaic (SPV) system should be installed to reduce use of conventional source of energy by atleast 20% of total load. Minimum 50% of roof top area of building should be utilized for installation of Solar Panels/ SPV system.*

15. *Only LEDs should be used.*

16. *Total capacity of DG sets should not exceed 30% of the total load.*

17. *Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.*

18. *Minimum 8 m high barricade should be provided all around the project site before the start of construction.*

19. *During the construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & ors.*

20. *Adequate ventilation should be provided in the basements and the concentration levels of Carbon Dioxide, Carbon Monoxide should be monitored periodically and be reported in periodical compliance reports to be submitted.*

21. *Project proponent (DDA) shall be responsible for establishment, operation and maintenance of all common facilities and also for compliance of EC conditions during Construction & Operation Phases.*

Meeting ended with vote of thanks to Chair.

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