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STATE LEVEL EXPERT APRRAISAL COMMITTEE – DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-6
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F.No. DPCC/MS/SEAC/10/ 574 Dated: 26/12/12

Sub: Minutes of Meeting Dated 30.11.2012

Please find enclosed herewith the minutes of the 48th meeting of the **State Level Expert Appraisal Committee (SEAC)** held on **30-11-2012 at 10:00 A.M. in the Conference Room of DPCC, at 4th Floor, ISBT Building, Kashmere Gate, Delhi-06** for information and necessary action if any.

(Sandeep Mishra)
Member Secretary, SEAC

To:

1. **Dr. C.R. Babu, (Chairman, SEAC),** Professor Emeritus, Center for Environmental Management of Degraded Ecosystems, School of Environment Studies, University of Delhi-110007.
2. **Dr. R.K. Khandal, (Member, SEAC),** Vice Chancellor, Institute of Engineering & Technology (IET) Campus, Sitapur Road, Lucknow (U.P) -226021.
3. **Sh. Amarjeet Singh, (Member, SEAC),** House No. 98, A, Pocket- AP, Pitampura, Delhi-110034.
4. **Prof. Subir Saha, (Member, SEAC),** G-1329 (Ground Floor), Chittaranjan Park, New Delhi – 110019.
5. **Dr. (Mrs.) P. Malarvizhi, (Member, SEAC),** Professor – Accounting and Finance, IILM – Institute for Higher Education, No.-3, Lodhi Institutional Area, Lodhi Road, New Delhi - 110003.
6. **Dr. Mihir Deb, (Member, SEAC),** C- 1/1157, Vasant Kunj, New Delhi- 110070.

6A. **Dr. Arvind K. Nema, (Member, SEAC),** Department of Civil Engineering, IIT, Hauz Khas, New Delhi-110016

Copy to:

1. **Sh. Kaushal Kumar Mathur, Chairman (SEIAA),** 4, Defence Enclave, Vikas Marg, Delhi - 110092.
2. **PS to Chairman (DPCC) cum Secretary (Environment),** for kind information.
3. **SEE (IT) - (DPCC)** for necessary action regarding uploading the minutes on the website.

26/12/12
SEE(IT)
Ms Pallavi Tm

26/12/12
uploaded

(Sandeep Mishra)
Member Secretary, SEAC

Minutes of the 48th meeting of State Level Expert Appraisal Committee (SEAC) held on 30.11.2012 from 10:00 am to 6:00 pm in the Conference Room of DPCC at 4th Floor, ISBT, Kashmere Gate, Delhi-06

The 48th meeting of State Level Expert Appraisal Committee (SEAC) was held on 30/11/2012 in the Conference Room of DPCC under the Chairmanship of Prof. C.R. Babu. The members of SEAC present in the meeting were:

1. Dr. C.R. Babu - Chairman
2. Dr. R.K. Khandal - Member
3. Professor Subir Saha - Member
4. Dr. Mihir Deb - Member
5. Shri Amarjeet Singh - Member
6. Dr. Arvind K. Nema - Member
7. Shri Sandeep Mishra - Member Secretary

Dr. (Mrs.) P. Malarvizhi could not attend the meeting. Dr. Anil Kumar (Director, Environment) and Dr. M.P. George (Scientist D, DPCC) also attended the meeting. Shri P.S Pankaj (Environment Engineer, DPCC) and Shri N.K Joshi (Environment Engineer, DPCC) assisted the Committee.

The minutes of the 47th meeting of the SEAC were confirmed by the members.

With due permission of the Chairman, cases were considered as per the approved agenda.

Case No. 140

Project Name : Expansion of Maharaja Agrasen College, Vasundhara Enclave, East Delhi: Construction of College Building, Residential Blocks and Hostel".

Project Proponent : Shri Sunil Sondhi, Principal, Maharaja Agrasen College at Vasundhara Enclave, Delhi- 96.

E-mail : prinicipal@mac.du.ac.in

Telephone : 011-22610552

Fax No. : 011-22610565

Project Consultant : M/s Ind tech House Consult.

The project was earlier considered by the SEAC in its meeting held on 04/05/2012. The proposal is for grant of Environmental Clearance for Expansion of Maharaja Agrasen College, Vasundhara Enclave, East Delhi. The total plot area is 40000 sq.mt (institutional area: 18000 sq.mt. + play ground area: 18000 sq.mt. + Residential area: 4000 sq.mt.). The total built up area of proposed project will be 22081.56 sq.mt. (Existing: 19475.96 sq.mt. + Proposed: 2605.6 sq.mt). The project includes construction of College Building and Residential Blocks & Hostel. The total permissible FAR is 22000 sq.mt. The total proposed FAR is 20219.53 sq.mt (Existing: 17613.93 sq.mt + Proposed: 2605.6 sq.mt.) The total permissible Ground Coverage area is 10000 (25% of plot area) sq.mt. The total proposed Ground Coverage area is 5388.19 sq.mt (Existing: 4736.79 sq.mt. + Proposed: 651.4 sq.mt.). The maximum height of the building will be 14.45 m. Total proposed green area is 10000 sq.mt. The proposed parking provision is 209 ECS (44 ECS in basement + 165 ECS in surface). The total expected population is 3205 persons (Existing: 2968 persons + Proposed: 237 persons). The total water requirement will be 180KLD, out of which fresh water requirement will be 84 KLD. The source of water supply will be DJB. The wastewater generation of 118.3 KLD will be treated in STP of capacity 150 KLD. The treated wastewater of 95 KLD will be used in Flushing, landscape and AC & DG Cooling. The total solid waste generation will be 0.4 TPD (existing: 0.3 TPD + proposed: 0.1 TPD). The total power requirement will be 637.56 KW (existing: 425 KW + 212.56 KW) and will be met from Electricity Supply Authority. The DG sets of 1 x 160 KVA + 1 x 250 KVA capacities are proposed for power backup. 5 Number of Rainwater Harvesting Pits are proposed. The total estimated cost of project is Rs. 40 Crores.

Based on the information furnished, presentation made and further discussions held, the Committee recommends the project to SEIAA for EC, subject to the following conditions.

The following conditions should be laid down at the time of issuing EC:

(i) A dense green belt should be developed all along the periphery of the college campus.

(ii) Playground and open areas should be grassed.

(iii) LED lighting should be provided instead of T5 luminaries.

(iv) Compact fluorescent lights (CFL) shall be replaced by LED lights for energy conservation.

(v) Solar water heating system for all hostels and residential blocks should be provided.

(vi) Roof space should be utilized as per Energy Conservation Building Code (ECBC).

Minutes of the 48th meeting of State Level Expert Appraisal Committee (SEAC) held on 30.11.2012 from 10:00 am to 6:00 pm in the Conference Room of DPCC

Case No. 141

Project Name : Flatted Group Industry at B-319, Okhla Industrial Area, Phase-I, New Delhi.

Project Proponent : Mr D.K. Gupta, Director, M/s Southend Infrastructure Pvt. Ltd. The Parkland Defence Colony E-19, Defence Colony, New Delhi.

E-mail : fom.dc@hotelparkland.in

Telephone : 011-42277777

Fax No. : 011-42277700

Project Consultant : M/s Grass Roots Research & Creation India (P) Ltd

The project was earlier considered by the SEAC in its meeting held on 24/09/2012. The proposal is for grant of Environmental Clearance of Flatted Group Industry Project at B-319, Okhla Industrial Area, Phase–I, New Delhi. The total plot area is 20877.11 sq.mt. The total built up area will be 51366.91 sq.mt (5.16 acres). The permissible FAR area is 31315.66 sq.mt. The proposed FAR is 24619.72 sq.mt. The permissible Ground Coverage area is 6263.133 sq.mt. The proposed Ground Coverage area is 6262.93 sq.mt. The total basement area is 26746.54 sq.mt (basement 1: 13373.27 sq.mt. + basement 2: 13373.27 sq.mt.). The maximum height of proposed building will be 16.68 m. The maximum number of floors will be 2B+G+3. The proposed parking provision is for 584 ECS (basement 1: 292 ECS + basement 2: 292 ECS). The total estimated population is 2708 persons (Staff: 2462 persons + Visitors: 246 persons). The permissible green area is 6263.13 sq.mt. Total proposed green area is 6275.27 sq.mt. In dry season, the total water requirement will be approx. 175 KLD, out of which fresh water requirement will be 81 KLD. The source of water supply will be DJB. The wastewater generation of approx. 99 KLD will be treated in STP of capacity 120 KLD based on FAB technology. The treated wastewater of 80 KLD will be used in Flushing (34 KLD) and Horticulture (46 KLD). In rainy season, the treated waste water requirement will be 46 KLD and it will be used in Flushing (34 KLD) and rest will be stored in underground water storage tank (12 KLD). The total municipal solid waste generation will be 689 kg/day (biodegradable waste: 413.4 kg/day + non-biodegradable waste: 206.7 kg/day + Inert waste: 68.9 kg/day). The total power requirement will be 4385.28 KW and will be met from BSES Rajdhani Power Limited. DG sets of 3x1000 KVA are proposed for power backup. 5 Number of Rainwater Harvesting Pits are proposed for recharging rain water. The total estimated cost of the project is Rs. 72.14 Crores which includes the cost of the land as well as the development cost.

Based on the information furnished, presentation made and further discussions held, the Committee recommends the project to SEIAA for EC, subject to the following conditions.

The following conditions should be laid down at the time of issuing EC.

(i) *DG sets should be provided for essential load only and the essential load should be around 30% of total load.*
(ii) *Grassing of vacant land should be carried out to prevent dust pollution.*
(iii) *Compact fluorescent lights (CFL)* shall be replaced by *LED* lights for energy saving.
(iv) *Entire roof should be covered by solar panels.*
(v) *Energy Conservation Building Code (ECBC) should be adopted.*

Case No. 144

Project Name	:	Expansion of Group Housing Project "Parsvnath Paramount" at Subhash Nagar, Delhi.
Project Proponent	:	Mr. Deepak Mowar, Executive Director, M/s Parsvnath Developer Ltd., Parsvanath Metro Tower, Near Shahdara Metro Station. Delhi – 110032.
E-mail	:	mail@parsvnath.com, deepakmowar@parsvnath.com
Telephone	:	011-43010520, 9910691762
Fax No.	:	011-43010578
Project Consultant	:	M/s Grass Roots Research & Creation India (P) Ltd.

The Committee deferred the case on the request of Project Proponent.

Case No. 149

Project Name	:	Expansion of Maharishi Valmiki Hospital at Pooth Khurd, Delhi.
Project Proponent	:	Dr. Kirti Bhushan, MD, Medical Superintendent, Maharishi Valmiki Hospital,Pooth Khurd, Delhi- 110039
E-mail	:	Nil
Telephone	:	011- 27761522
Fax No.	:	011- 27761523
Project Consultant	:	M/s Ind Tech House Consult.

The project was earlier considered by the SEAC in its meeting held on 16/10/2012. The proposal is for grant of Environmental Clearance for Expansion of Maharishi Valmiki Hospital at Pooth Khurd, Delhi. The total plot area is 37000 sq.mt. and the net plot area available is 34775.2 sq.mt. The total built-up area is 36001.48 sq.mt. (Existing + Proposed). The permissible Ground Coverage is 10432.56 sq.mt. The existing Ground Coverage is 7286.43 sq.mt. and proposed Ground Coverage is 1273.52 sq.mt.

Total Ground Coverage is 8559.95 sq.mt. The permissible FAR is 69550.40 sq.mt. The existing FAR is 25062.10 sq.mt. & proposed FAR is 10939.38 sq.mt. Total FAR is 36001.48 sq.mt. The total green area is 13087.65 sq.mt. The maximum permissible height is 37 m. The proposed height of building is 30 mt. AB+G+7 ward block will be constructed as the expansion of the hospital. The existing total number of bed is 100. The parking provisions will be provided in open area and the total open parking provision will be 456 ECS. The total water requirement, after proposed expansion, will be 323.2 KLD, out of which fresh water requirement will be 177.2 KLD. The source of water supply will be Municipal Water Supply. An on-site ETP of 135 KLD capacity is proposed for treatment of 94 KLD of effluent generated from hospital block (for patients) and laundry. The total wastewater generation will be 190.4 KLD (which includes 94 KLD of treated effluent from ETP) and will be treated in an on-site STP of capacity 120 KLD. From the treated wastewater of 190.4 KLD, 64.4 KLD will be used in flushing (37.4 KLD+ 27 KLD), 6.3 KLD in HVAC, 9.9 KLD in DG Cooling, 65.4 KLD in Horticulture and 44.4 KLD treated wastewater from ETP will be discharge into the drain. The total municipal solid waste generation from hospital will be approx. 617 kg/day and the bio-medical waste generation will be 40 kg/day. The total power requirement will be 3000 KVA (Existing: 2000 KVA + Proposed: 1000 KVA). The source of power supply will be NDPL. The existing DG sets provided for power backup are 1 x 250 KVA and 1 x 1500 KVA. DG sets of 2 x 500 KVA are proposed for power backup. 8 Number of Rainwater Harvesting Pits are proposed.

Based on the information furnished, presentation made and further discussions held, the Committee recommends the project to SEIAA for EC, subject to the following conditions.

The following conditions should be laid down at the time of issuing EC:

(i) Shelter belts should be developed all along the periphery of the hospital.

(ii) Wet land located close to the Hospital must be conserved and protected.

Case No. 155

Project Name : Expansion of Community Centre cum Commercial Complex, N.B.C.C., at Sec-V, Pusp Vihar, New Delhi.

Project Proponent : Shri Harish Kumar Dhawan, General Manager, M/s NBCC Ltd., NBCC Bhawan Lodhi Road, New Delhi-110003

E-mail : nbccnetajinagar@gmail.com

Telephone : 011- 24367314

Fax No. : 011- 24366995

Project Consultant : M/s Perfact Enviro Solutions Pvt. Ltd.

The MoEF already granted EC for "Construction of Community Centre cum Commercial Complex" at Sec-V, Pusp Vihar, New Delhi vide letter no. 21-767/2006-I-A, III dated- 14.03.2007. The project proponent informed the members that due to increase in basement area & additional FAR, the built-up area has increased from 38922.18 sq.mt to 48451.174 sq.mt. The proponent submitted revised documents & revised layout plan with changes in area statement. The proposal is for grant of Environmental Clearance for "Expansion of Community Centre cum Commercial Complex" of N.B.C.C., at Sec-V, Pusp Vihar, New Delhi. The total plot area is 24280.68 sq.mt. The existing built-up area is 38922.18 sq.mt. The proposed built- up area is 9528.99 sq.mt. The total built-up area is 48451.174 sq.mt. The permissible Ground Coverage area is 6703.89 sq.mt. The existing Ground Coverage area is 6069.11 sq.mt and the proposed Ground Coverage area is 591.25 sq.mt. The total Ground Coverage area is 6660.36 sq.mt. The permissible FAR area is 28226.29 sq.mt. The existing FAR area is 24280.68 sq.mt and the proposed FAR is 3533.61 sq.mt. The total FAR area is 27814.29 sq.mt. The Non-FAR area is 360.07 sq.mt. The maximum number of floors will be B+G+5 floors. The number of basements is 4 (existing: 2 + proposed: 2). The total basement area is 20276.814 sq.mt. The total number of blocks is 3 (existing: 1 + proposed: 2). The maximum height of building is 23.4 mts. The existing population is 2500 persons (staff: 2000 persons + visitors: 500 persons). The total population, after proposed expansion, will be 2850 persons (staff: 2350 persons + visitors: 500 persons). The total parking provision after proposed expansion is for 878 ECS. The total green area is 14459 sq.mt. The total water requirement will be 303 KLD, out of which fresh water requirement will be 195 KLD. The source of water supply will be borewells. The total wastewater generation will be 114 KLD which will be treated in STP with capacity of 160 KLD based on MMR technology. The treated wastewater of 108 KLD will be used in Flushing (35 KLD), DG Cooling (32 KLD), Gardening(36 KLD) and Miscellaneous purposes(5 KLD). The total municipal solid waste generation will be approx. 490 kg/day (existing: 373 kg/day + proposed: 167 kg/day). The total power requirement is 3300 (existing: 3000 + proposed: 300 KW). The power supply is met from BSES. DG sets provided for power backup are 3x 1250 KVA, 1x 380 KVA. The total number of Rain Water Harvesting Pits is 2. The total estimated cost of Project is Rs. 125 Crores (existing: 100 Crores + proposed: 25 Crores).

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

(i) Chronology of events that lead to change in land use.

(ii) The project proponent shall follow the revised Guidelines/Criteria for Evaluation of Proposals/Requests for Ground water abstraction issued by Central Ground Water Authority (CGWA) vide letter no.21-4/Guidelines/CGWA/2012-4793 -dated: 30.10.2012 which are in effect from 15.11.2012.

(iii) The Committee also suggested to the project proponent to apply an application afresh for amendment to EC already issued giving the details of changes made in the building plans and their impacts on resource utilization.

(iv) Base line Ambient Air Quality and noise level data from monitoring stations located close to the proposed site.

The following conditions should be laid down at the time of issuing amendment to EC.

(i) A vertical garden should be developed.

(ii) Paper recycling unit should be installed.

(iii) Entire roof should be covered by solar panels.

Case No. 156

Project Name : Construction of Indian Aviation Academy and Hostel Block at Rangpuri, Vasant Kunj, New Delhi.

Project Proponent : Shri S.K. Sagar, Asstt. General Manager, M/s Airports Authority of India, Office of ED Engineering (Metro), Airport Authority of India, Operational Offices Gurgaon Road, Rangpuri, New Delhi-110037.

E-mail : sksagar@aai.aero

Telephone : 0121-25652465/66/67

Fax No. : 0121- 25653246, 0121-25654589

Project Consultant : M/s Kadam Environmental Consultants.

The proposal is for grant of Environmental Clearance for "Construction of Indian Aviation Academy and Hostel Block" at Rangpuri, Vasant Kunj, New Delhi. The total plot area is 33677.34 sq.mt (including 21619.98 sq.mt. for Indian Aviation Academy and 12057.36 sq.mt. for Hostel). The total proposed built-up area is 23709 sq.mt. Proposed built-up area for Indian Aviation Academy: 17754.77 sq.mt and the proposed built-up area for Hostel Block: 4524.98 sq.mt. The permissible Ground Coverage of Indian Aviation Academy is 7566.99 sq.mt. Proposed Ground Coverage for Indian Aviation Academy is 4905.65 sq.mt. The permissible Ground Coverage for Hostel Block is 4081.72 sq.mt. Proposed Ground Coverage for Hostel Block is 1750.81 sq.mt. The permissible FAR of Indian Aviation Academy is 32429.97 sq.mt. and the proposed FAR of Indian Aviation Academy is 13351.47 sq.mt. The permissible FAR of Hostel is 12057.36 sq.mt and the proposed FAR of Hostel Block is 4524.98 sq.mt. The number of floors for Indian Aviation Academy will be G+2 (excluding basement) and number of floors for Hostel Block is G+2 floors. Number of basement is 1. The total basement area is 4403.30 sq.mt. The total

population will be approx. 500 persons (Indian Aviation Academy: 400 persons + Hostel Block: 100 persons). Proposed parking provision for Indian Aviation Academy is 244 ECS (Open parking: 107 ECS + Basement Parking: 137 ECS) and proposed parking for Hostel Block is 63 ECS in basement. The total proposed green area will be 14234.36 sq.mt (Indian Aviation Academy: 8746.69 sq.mt. + Hostel Block: 5487.67 sq.mt.). For Indian Aviation Academy, the total water requirement will be approx. 48 KLD, out of which fresh water requirement will be 35.96 KLD. The source of water supply will be Municipal Corporation, Delhi. The total wastewater generation will be 13.2 KLD which will be treated in STP with capacity of 15 KLD. The treated wastewater of 12.54 KLD will be used in Flushing (11 KLD) and Horticulture (1.54 KLD). In Hostel Block, the total water requirement will be approx. 36 KLD, out of which fresh water requirement will be 27.64 KLD. The source of water supply will be Municipal Corporation, Delhi. The total wastewater generation will be 8.16 KLD which will be treated in STP with capacity of 10 KLD. The treated wastewater of 7.76 KLD will be used in Flushing (3.65 KLD) and Horticulture (4.11 KLD). The total municipal solid waste generation will be approx. 217 kg/day (Indian Aviation Academy: 119.9 kg/day & Hostel Block: 96.75 kg/day). The total power requirement will be 2094 KW (1472 KW for Indian Aviation Academy + 622 KW for Hostel Block). The power supply is met from Delhi Electricity Board. DG sets of 2x 1000 KVA are proposed for power backup. The total number of Rain Water Harvesting Pits will be 5 (3 for Indian Aviation Academy + 2 for Hostel Block).

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

(i) Revised layout plan showing relocated Auditorium.
(ii) Revised layout plan for basement.
(iii) Revised layout plan for class rooms.
(iv) Revised Traffic Circulation and Parking plans.
(v) Revised details of STP(s).
(vi) Revised water balance chart.
(vii) Revised Environmental Management Plan.
(viii) Revised layout plan for Hostel Block showing Dining & Kitchen facilities.
(ix) Linkages for water and power.
(x) Details of energy conservation measures.

The following conditions should be laid down at the time of issuing EC.

(i) Fresh water should not be used for horticulture purpose.
(ii) Organic waste converter should be installed.
(iii) Paper should be send to the nearest paper recycling unit.

(iv) *RWH system is to be linked with water bodies.*

(v) *Compact fluorescent lights (CFL)* shall be replaced by *LED* lights for energy saving.

(vi) *Entire roof should be covered by solar panels.*

(vii) *Solar street lighting should be provided.*

(viii) *DG sets should be provided for essential load only and the essential load should be 30% of total load.*

The Committee decided that the 49th meeting of SEAC will be held on January 4th, 2013.

The meeting ended with vote of thanks to the Chair.