

Minutes of the 39th meeting of State Level Expert Appraisal Committee (SEAC) held on 16.03.2012 from 10:00 am to 6:00 pm in the Conference Room of DPCC

The 39th meeting of State Level Expert Appraisal Committee (SEAC) was held on 16/03/2012 in the Conference Room of DPCC under the Chairmanship of Prof. C.R. Babu. The following members of SEAC were present in the meeting:

1. Professor Subir Saha - Member
2. Dr. R. K. Khandal - Member
3. Shri Amarjeet Singh - Member
4. Dr. (Mrs.) P. Malarvizhi - Member
5. Dr. Mihir Deb - Member
6. Shri Sandeep Mishra - Member Secretary

Dr. Anil Kumar (Director, Environment) and Dr. M. P. George (Sr. Scientist, DPCC) also attended the meeting. Dr. Chetna (Scientist, Environment) assisted the Committee.

Sh. P.S.Pankaj, Environment Engineer of DPCC Enquiry Counter also attended the meeting to familiarize with the appraisal of the projects particularly the kind of information as required as per the Checklist for Environmental Clearance application for Building and Construction projects under EIA Notification 2006 and as amended to date.

The minutes of the 38th meeting of the SEAC were confirmed by the members.

With due permission from the Chairman, cases were considered as per the placed agenda.

Case No. 50

Project Name : Proposed Group Housing Complex at 1&3 Cavalary Lane & 4, Chhatra Marg at Civil Lines (Adjoining Vishwa Vidyalaya Metro Station), Delhi.

Project Proponent: Mr. Satish Bansal, Director, M/s Young Builders (P) Ltd.,
43, Babar Road, Bengali Market, New Delhi – 110001

E-mail: sbansal@mdoverseas.com

Telephone: 011-42355200/35,42355210

Fax No.: 011-42355250

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

The project was considered in SEAC meeting held on 22.11.2011 but, it was deferred in view of the representation of Delhi University, and also a Sub-committee was constituted by SEAC to examine the impact of the project on social environment in the area, including traffic load in and around Vishwa Vidhalaya Metro Station. The proposal is for grant of Environmental Clearance for proposed Group Housing Complex at 1&3 Cavalary Lane &

4, Chhatra Marg at Civil Lines (Adjoining Vishwa Vidyalaya Metro Station), Delhi. The total plot area is 20000 sq.mt. The total Built-up area will be 70265.95 sq.mt. The permissible FAR is 46600 sq.mt. and the proposed FAR is 46156.72 sq.mt. The permissible Ground Coverage is 6666 sq.mt. and the proposed Ground Coverage is 2130.64 sq.mt. The proposed Green area is 8373.75 sq.mt. The permissible height of the building is 133.40 m and the maximum height of the proposed building will be 117 m. The total number of dwelling units proposed is 324 (EWS unit: 180 and premium residential units: 144). The number of blocks proposed is 4 (2 residential blocks + 1 commercial block+ 1 EWS block). The maximum number of floors will be Stilt+G+35+2B. The proposed stilt area is 586.31 m. The proposed basement area is 23522.92 sq.mt. Total estimated population will be 1205 persons. The parking provisions will be made for 973 ECS. Total water requirement for project will be 203 KLD, out of which fresh water requirement will be 106 KLD. The source of water supply will be DJB. Total wastewater generation from the proposed complex will be 129 KLD, which will be treated at on-site STP (MMR based) of 160 KLD capacity. The treated wastewater available will be 122 KLD, out of which 97 KLD will be used in DG Cooling (8 KLD), Flushing (45 KLD), Gardening (40 KLD) and Miscellaneous purpose (4 KLD). The remaining treated wastewater of 25 KLD will be supplied to DMRC. Total municipal solid waste generation from the proposed project will be 504 kg/day and hazardous waste generation will be 31 kg/day. The total power requirement will be 1266 KW. The source of power will be NDPL. The DG sets of 1x1010 KVA + 2x500 KVA capacity are proposed for power back up. 3 Rain Water Harvesting Pits will be provided at site for groundwater recharge. The total cost of the project will be Rs. 321 Crores (Construction cost: Rs. 103 Crores+ Land cost: Rs. 218 Crores).

Before the appraisal of the project, the Committee internally discussed and accepted the recommendations of the Sub-Committee report. The Member Secretary also brought to the notice of the Committee the Office Memorandum no. 21-270/2008-IA.III dated 07.02.2012 issued by Ministry of Environment and Forests, GOI with respect to Guidelines for High Rise Buildings. The Committee asked the Member Secretary to write a letter to Ministry of Environment and Forests, GOI seeking clarification on height restriction as given in the Office Memorandum, in light of provisions on building height as specified in MPD-2021 of Delhi.

Based on the information furnished, presentation made and further discussions held, the Committee suggested to the project proponent that the information submitted does not meet the requirement for Environmental Clearance. The Committee sought the following information for its further consideration in the next meeting:

- (i) Revised Form 1 after change in project title with inclusion of project location.
- (ii) Details of number of floors in each block.
- (iii) Clarification on number of floors as mentioned in the Geotechnical Investigation report.

- (iv) Point-wise reply about right of way, location of fire station etc as laid in the Office Memorandum no. 21-270/2008-IA.III dated 07.02.2012 issued by Ministry of Environment and Forests, GOI.
- (v) Signed copy of Design basis report.
- (vi) Layout plan of the site showing all the historical places within the radius of 10 km around the project site.
- (vii) Signed layout plan showing location of STP and DG sets.
- (viii) Signed floor wise building plans for each proposed block and having correct project name.
- (ix) Brief note on Fire fighting measures with floor wise fire fighting layout plans and mechanism for fire fighting including mock drills.
- (x) Signed evacuation plans with correct project name.
- (xi) Information on hydrant systems for fire fighting and revised incident command system.
- (xii) Revised list of trees to be planted.
- (xiii) Signed landscape plan with correct project title.
- (xiv) Revised water balance chart with provision of separate treatment for grey water and black water.
- (xv) Signed dual plumbing layout plan with provision for separate dual plumbing system for EWS block and other proposed blocks, and showing proper legend.
- (xvi) Reexamination of total power load and essential power requirement during power failure.
- (xvii) Revised solid waste management plan.
- (xviii) Signed layout plan for work zone management.
- (xix) Revised CSR action plan with specific plan with respect to underprivileged students of Delhi University.
- (xx) NABL certificate of accreditation of ITL labs with details of scope of testing of parameters.

The Committee decided that the following additional conditions should be laid down at the time of issuing EC:

- (i) An Environmental Management Cell should be created to control the emergency measures.
- (ii) Solar street lighting and solar water heaters should be provided.

The Committee requested Dr. R. K. Khandal to confirm the details of traffic load on the Cavalry lane, provided by the project proponent.

Case No. 58

Project Name : Environmental Clearance for “DLF Towers” (IT hardware & Software and Local Shopping) at Plot Nos. 1 & 2, Najafgarh Road, Shivaji Marg, New Delhi.

Project Proponent: Sh. Anil Gupta, M/s DLF Universal Ltd., DLF Centre,
Sansad Marg, New Delhi
E-mail: gupta-anil@dlf.in
Telephone: 011-23719300/ 4210 2030
Fax No. - 011- 23719344

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

Environmental Clearance was issued to the project by SEIAA vide no. 58/DPCC/SEIAA-SEAC/10/1028-32 dated 30.04.2010. The project proponent applied for amendments in the EC issued. The proponent informed the members that construction work is not yet started. Since the amendments sought in the EC change the scope of the project for which EC was issued, the Committee suggested to the project proponent to apply afresh for EC with a request for cancellation of the EC issued to the earlier project which was not implemented.

Case No. 65

Project Name : Construction of Group Housing Complex at 850 (mass housing), near Sultan Garhi Tomb at Vasant Kunj, New Delhi.

Project Proponent: Executive Engineer, SWD-2, DDA, Vasant Kunj, New Delhi
E-mail: Nil
Telephone: 011- 26893256, 09810901443
Fax No.- Nil

Project Consultant: M/s Ind Tech House Consult Pvt. Ltd.

The project was earlier considered by the SEAC in its meeting held on 27/01/2010. The proposal is for grant of Environment Clearance for proposed Construction of Group Housing Complex for 850 (mass housing), near Sultan Garhi Tomb at Vasant Kunj, New Delhi, on the total Plot area of 36000 sq. mt. Total number of flats (G+4 floors) will be 795. Total expected population is 3975. The proposed built up area is 46755.10 sq. mt. The proposed ground coverage is 10117.42 sq.mt. Total green area provided is 7503.31 sq. meters. It is proposed to provide parking for 692 ECS. Total Water Requirement is 570.38 KLD with fresh water demand of the project 536.62 KLD. The source of water will be DJB. The quantity of wastewater generated will be 429.29 KLD. The wastewater will be treated at the on site STP of 475 KLD. The quantity of recycled wastewater will be 343.43 KLD, out of which 33.76 KLD will be used for horticulture within the project premises & 309.67 KLD will be used for gardens and parks located close to the area. Approx. 1.8 ton/day of Solid waste will be generated from the proposed project. The power requirement for the project is estimated as 3.3 MW which will be provided by local BSES. 1 DG set of 100 KVA will be installed as a backup during power failure. 5 trenches are proposed on site for rain water harvesting purpose. The estimated cost of the project is 34.50 crores.

Based on the information furnished, presentation made and further discussions held, the Committee **recommends the project for Environmental Clearance to SEIAA.**

Case No. 131

Project Name : Proposed "Masjid Moth Campus for AIIMS"

Project Proponent: Prof. R. C. Deka, Director, All India Institute of Medical Sciences, Ansari Nagar, New Delhi - 110029

E-mail:

Telephone: 011-26594731

Fax No.-

Project Consultant: M/s Grass Roots Research & Creation India Pvt. Ltd.

The project was earlier considered by SEAC in its meeting held on 11.01.2012 but, was deferred for want of TORs. As per decision taken by Committee vide its minutes of 38th meeting held on 10.02.2012, the project was appraised as Category B2, item 8(a) with additional information. The proposal is for grant of Environmental Clearance for Proposed "Masjid moth campus for AIIMS" New Delhi. The total plot area is 129499.52 sq.mt. The proposed built- up area is 339368.9 sq.mt. The proposed project includes construction of Facilitation Block, PG Teaching Block, Surgical Block, Hostel Blocks 1, 2 & 3, Parking and Dining Block, Multilevel Basement Parking and Cafeteria Extension. The permissible Ground Coverage is 38849.86 sq.mt. and proposed Ground Coverage is 38350 sq.mt. The permissible FAR is 258999.04 sq.mt. and proposed FAR is 177154.52 sq.mt. The total basement area is 162214.38 sq.mt. The proposed green area is 39756.35 sq.mt. The total number of beds is 1000. The total estimated population is 12163 persons (In-patients (Beds): 1000 persons + staff: 3351 persons + Out patients: 5027 persons + visitors/patients attendants: 1060 persons, Residents: 1660 persons + Visitors: 65 persons). The total parking provision will be 7671 ECS (basement parking: 7178 ECS (3369 ECS manual and 3809 ECS mechanized) + surface parking: 493 ECS). The total water requirement will be 2862 KLD, out of which fresh water requirement will be 2035 KLD. The source of water supply will be DJB. The total wastewater generation will be 919 KLD and will be treated in STP based on FAB technology of capacity 1090 KLD. The treated wastewater of 827 KLD will be used in flushing (321 KLD), HVAC Cooling (217 KLD), DG Cooling (43 KLD) and Horticulture (246 KLD). Total HVAC Cooling requirement will be 1504 KLD (1287 KLD fresh water and 217 KLD of treated wastewater). During monsoon season the fresh water requirement will be 1789 KLD and the treated wastewater of 827 KLD will be used in flushing (321 KLD), HVAC Cooling (463 KLD) and DG Cooling (43 KLD). Total HVAC Cooling requirement in monsoon season will be 1504 KLD (1041 KLD fresh water and 463 KLD of treated wastewater). The effluent coming out from the labs will be treated in ETP. The estimated municipal solid waste generation is 4592.5 kg/day. The total bio-medical waste generation after proposed expansion is 938.19 kg/day. The total power requirement will be 28000 KVA. The power supply will be met from NDMC. The DG sets proposed for power backup are 8 x 1000 KVA, 2 x 750 KVA, 4 x 500

KVA and 3 x 125 KVA. The total number of Rain Water Harvesting Pits proposed is 25. Total cost of the proposed project is Rs. 1117.073 Crores.

Based on the information furnished, presentation made and further discussions held, the Committee suggested to the project proponent that the information submitted does not meet the requirement for Environmental Clearance. The Committee also took note of the additional information submitted by the proponent as per minutes of 38th SEAC meeting. The Committee sought the following information for its further consideration in the next meeting:

- (i) Detailed land use pattern within 10 km radius around the project site.
- (ii) Reexamine landscape plan with provision of 5 rows of trees.
- (iii) Revised list of trees to be planted.
- (iv) Geotechnical Investigation report.
- (v) Signed floor wise fire fighting layout plans for each block with complete project title.
- (vi) Signed floor wise evacuation plans for each block with complete project title.
- (vii) Signed external services plans with complete project title.
- (viii) Signed floor wise building plans for each block with complete project title.
- (ix) Clarification on the number of rooms, especially the number of existing rooms, as mentioned in the floor wise building plans for OPD block.
- (x) Signed layout plan of the site with clarification on the list of proposed blocks.
- (xi) Details of total number of proposed blocks and total number of floors in each block.
- (xii) Height of proposed buildings.
- (xiii) Traffic Circulation plan.
- (xiv) Water supply and drainage plan.
- (xv) Details of ETP.
- (xvi) Revised water balance chart with non-mixing of ETP effluent with STP wastewater and non-usage of ETP effluent for flushing purpose.
- (xvii) Revised solid waste management plan.
- (xviii) Examine feasibility of installation of Waste to Power plant.
- (xix) Traffic analysis study report with details of impact of traffic movement on environment.
- (xx) Impacts of air pollution on the Ancient Monuments located in the project areas if any and the ways and means to mitigate them.
- (xxi) Calculation of total power load and essential requirement for emergency backup.
- (xxii) Reexamine baseline environmental data with respect to ambient air quality and also submit Secondary Environmental Data with respect to ambient air quality.
- (xxiii) Revised Baseline Environmental Data with respect to noise quality in laboratory report form.

The Committee decided that the following additional conditions should be laid down at the time of issuing EC:

- (i) Organic Waste Converter should be installed.
- (ii) E-waste (Management and Handling) Rules, 2011 should be followed.
- (iii) Paper Recycling Unit should be installed.
- (iv) Surface / underground storage tanks should be used for storing rainwater, instead of groundwater recharge. The stored rainwater should be utilized in horticulture and other purposes.
- (v) A small Environmental Management Cell should be created with inclusion of specialists on environment and occupational health to take care of environmental quality.

Case No. 138

Project Name : Commercial Project "PNB Headquarters"

Project Proponent: Sh. S. M. Kaushik, Deputy General Manager, Punjab National Bank, Head Office, 7, Bhikaji Cama Place, New Delhi.

E-mail: hogad@pnb.co.in

Telephone: 011-26102303/379

Fax No.: 011- 26195583

Project Consultant: M/s Grass Roots Research & Creation India Pvt. Ltd.

The proposal was considered by the Committee and the proponent made a presentation on the proposal. The proposal is for grant of Environmental Clearance for Commercial Project "PNB Headquarters", New Delhi on total plot area of 19470 sq.mt. (4.81 acres). The total built up area will be 76188.19 sq.mt. The permissible FAR is 35100 sq.mt. The proposed FAR is 35054.83 sq.mt. The permissible Ground Coverage is 8760 sq.mt. The proposed Ground Coverage is 7243.61 sq.mt. The proposed basement area is 41133.36 sq.mt. The maximum height of the building will be 26 m. The maximum number of floors will be 3B+G+5. Total proposed landscaped area is 7164 sq.mt. (36.8% of plot area). The proposed parking provision is 1157 ECS (388 ECS in basement first + 383 in basement second + 386 ECS in basement third). The total population of commercial project is 2700 persons (staff: 2300 persons + visitors: 400 persons). The total water requirement will be 230 KLD, out of which fresh water requirement will be 144 KLD. The source of water supply will be DJB. The wastewater generation of 95 KLD will be treated in STP of capacity 125 KLD based on MBR technology. The treated wastewater of 86 KLD will be used in Flushing (33 KLD), Horticulture (44 KLD) and DG Cooling (9 KLD). The total solid waste generation will be 635 kg/day (Staff: 575 kg/day + Visitors: 60 kg/day). The power requirement for the commercial project will be approx. 2500 KVA and will be met from BSES Rajdhani Pvt. Ltd. The DG sets of 2 x 2000 KVA + 1 x 500 KVA capacities are proposed for power backup. 5 Number of Rainwater Harvesting Pits are proposed. The total estimated cost of project is Rs. 850 Crores which includes the cost of the land (Rs. 445 Crores) as well as the development cost (Rs. 405 Crores). The proponent informed the Committee that CPWD is executing the project.

Based on the information furnished, presentation made and further discussions held, the Committee suggested to the project proponent that the information submitted does not meet the requirement for Environmental Clearance. The Committee sought the following information for its further consideration in the next meeting:

- (i) A note on the role of CPWD in the project.
- (ii) Revised Form 1 with change in project title.
- (iii) Actual proposed parking provision.
- (iv) Approval of Chief Fire Officer for building plans.
- (v) Approval of Forest department for cutting of trees.
- (vi) Revised green area details after necessary correction.
- (vii) Revised Landscape Plan.
- (viii) Revised list of trees.
- (ix) Expected levels of air pollution in parking area.
- (x) Linkage of water supply.
- (xi) Examine feasibility of adopting air cooled HVAC system.
- (xii) Revised water balance chart with recalculation of water requirement, especially for HVAC requirement, and reduction in horticulture water requirement.
- (xiii) Signed layout plans with correct project title.
- (xiv) Traffic analysis study report with details of traffic load on the roads connecting to the project site.
- (xv) Examine the feasibility of providing space for the Fire tenders to reach central open area.
- (xvi) Revised details of Solid waste management.
- (xvii) Detailed worksheet of power requirement with details of essential power requirement during power failure.
- (xviii) Revised details of proposed DG sets.
- (xix) Details of Energy conservation measures.
- (xx) Detailed CSR action plan with budget.
- (xxi) Revised EMP details with separate budget for construction and operation phase.
- (xxii) Secondary Environmental Data with respect to ambient air quality.
- (xxiii) Baseline Environmental Data with respect to groundwater and noise quality in laboratory report form.

The Committee decided that the following additional conditions should be laid down at the time of issuing EC:

- (i) Health and safety norms of CPWD should be followed.
- (ii) 5 star GRIHA rating should be followed, as proposed.
- (iii) Solar street lighting and solar water heaters should be provided.
- (iv) If fly-ash bricks are used for construction, ensure safe levels of indoor radiations resulting from radon gas.
- (v) Parking provision should be provided for handicapped persons.
- (vi) All the emergency equipments should be kept operational all the time.

- (vii) Surface water body should be utilized for storing rainwater.
- (viii) No groundwater usage during construction and operation phase.
- (ix) E-waste (Management and Handling) Rules, 2011 should be followed.
- (x) Paper Recycling Unit should be installed.

Cases considered under Table Agenda

Case No. 134

Project Name : Upgradation of National Centre for Disease Control (Erstwhile known as National Institute for Communicable Diseases).

Project Proponent: Dr. L. S. Chauhan, Director, National Centre for Disease Control (NCDC), Formerly National Institute of Communicable Diseases (NICD), Directorate General of Health Services, Ministry of Health and Family Welfare, 22, Sham Nath Marg, Delhi – 110054.

E-mail: dirnicd@nic.in, dirnicd@gmail.com.

Telephone: 011-23913148, 9811706920

Fax No.- 23922677

Project Consultant: M/s WAPCOS Ltd.

Member Secretary apprised the Committee about a communication received from Ministry of Health and Family Welfare, GOI to the Chief Secretary, GNCTD with respect to Environmental Clearance to the said project. Considering the scheduled date of completion of the project is March 2013, the Chief Secretary suggested that the Committee may appraise it as early as possible. With due approval of the Chairman, the project was considered under table agenda.

The project was earlier considered by the SEAC in its meeting held on 11/01/2012. The proposal is for grant of Environmental Clearance for Upgradation of National Centre for Disease Control (erstwhile known as National Institute for Communicable Diseases) at 22, Shamnath Marg ,New Delhi on total plot area of 59973.44 sq.mt. The total Built-up area is 76555.95 sq.mt. The upgradation of NCDC involves construction on the plot of existing institute. At present, there is an institute, the buildings of which will be partly demolished and new construction will take place on the area after demolition. The proposed blocks include Wet Lab, Dry Lab, Auditorium + Library, Administrative Block, NVBDC Block, Guest House, P.G. Hostel, Residence Type II, IV & V, Future Development Residence type II and Pump room. The two basement lots will be provided with single level and double levels for parking and services. The permissible FAR is 89960.16 sq.mt. The existing FAR is 4197.19 sq.mt. The proposed FAR is 59085.124 sq.mt. The total FAR is 63282.314 sq.mt. The permissible Ground Coverage is 20990.70 sq.mt. The existing Ground Coverage is 4197.19 sq.mt. The proposed Ground Coverage is 13363.21 sq.mt.

The total Ground Coverage is 17560.4 sq.mt. The total Green area after proposed upgradation will be 24237.85 sq.mt. The number of floors in existing blocks to be retained is upto Ground floor level. The maximum number of floors in proposed buildings will be G+7. The maximum height of the proposed building will be 29 m. The proposed basement area is 13273.83 sq.mt. The proposed parking provision is for 842 ECS (459 ECS as surface parking + 15 ECS in stilt + 368 ECS in basement). The fresh water requirement will be 625 KLD. The source of water supply will be DJB. The wastewater generation of 320 KLD will be treated in STP based on MBBR technology of capacity 330 KLD. Wastewater generation from various laboratories will be treated in an ETP of 50 KLD capacity. The treated wastewater of 270 KLD will be used in Flushing (110 KLD), Horticulture (30 KLD), DG cooling (20 KLD) and HVAC (110 KLD). The total estimated solid waste generation is 0.50 tonne/day. About 0.05 tonne/day solid biomedical waste generated from various labs will be disposed as per the bio-medical waste management norms. The power requirement will be 6200 KVA and will be met from North Delhi Power Limited (NDPL). The DG sets of 4x 1000 KVA + 1x 30 KVA + 1 x 82.5 KVA capacities are proposed for power backup. Total estimated cost of project is Rs. 326.19 Crores.

Based on the information furnished, presentation made and further discussions held, the Committee **recommends the project for Environmental Clearance to SEIAA.**

The Committee also took note of the report of the site inspection conducted by Prof. Saha and DPCC officials on 23.02.2012 and accepted the report.

Case No. 130: Expansion and Modernization of Sir Ganga Ram Hospital (Phase I) was enlisted in the first half of the agenda but, as per proponent's request, it was decided to be considered in the second half. But, the case could not be considered due to time constraint and the Committee decided to consider it in the next SEAC meeting.

The Committee took note of the decision of Chairman SEIAA with respect to the letter of CMC, DPCC containing request for Cancellation of Environmental Clearance dated 15.01.2007 issued by Ministry of Environment and Forests, GOI to M/s DLF Ltd. for setting up of Shopping & Entertaining Complex in commercial area at plot no. A-4 and P-1A at Saket Place, Saket, New Delhi. The Committee asked the Member Secretary to write letter to the project proponent seeking clarification in reference to the issue raised in the DPCC letter.

The Committee took note of the draft MCD policy for "Simplification procedure for Building permits for Government Buildings for fresh proposal including addition / alteration, which form part of the approved layout plan only and falling within the limits of MCD" received for comments from the Additional Commissioner (Engg.) of MCD and suggested that the policy should clearly specify mandatory "NOC from Environment, Forests & Wildlife Department", instead of Environment alone as mentioned in the draft policy. The Committee requested the Member Secretary to communicate to the MCD for incorporation of the following on page 9,

point no 29 under the “NOCs” portion: ‘NOC from Environment, Forests and Wildlife Department’ in the draft policy.

The Member Secretary also apprised the Committee about the Office Memorandum issued by Ministry of Environment and Forests, Government of India vide No. 19-58/2011-IA.III dated 27.06.2011 regarding GRIHA ratings for Environmental Clearance projects. The Member Secretary informed the Committee that both the office memorandums have been uploaded on the official website of DPCC for information.

It was also decided by the Committee that the 40th meeting of SEAC will be held on 13th April 2012.

The meeting ended with vote of thanks to the Chair.
