

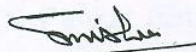
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STATE LEVEL EXPERT APPRAISAL COMMITTEE – DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-6
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F.No. DPCC/MS/SEAC/10/ 33

Dated: 30/4/2012

Please find enclosed herewith the minutes of the 40th meeting of the State Level Expert Appraisal Committee (SEAC) held on 13-04-2012 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.



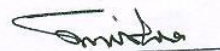
(Sandeep Mishra)
Member Secretary, SEAC

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), Shriram Institute of Industrial Research, 19, University Road, Delhi-110007.
3. Sh. Amarjeet Singh, (Member, SEAC), A-2, Andrews Ganj Extension, New Delhi - 110049.
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.

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. Sr. Scientist (IT) - (DPCC) for necessary action regarding uploading the minutes on the website.



(Sandeep Mishra)
Member Secretary, SEAC

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Ms. Balwani, TE

Minutes of the 40th meeting of State Level Expert Appraisal Committee (SEAC) held on
13.04.2012 from 10:00 am to 6:00 pm in the Conference Room of DPCC

The 40th meeting of State Level Expert Appraisal Committee (SEAC) was held on 13/04/2012 in the Conference Room of DPCC under the Chairmanship of Prof. C.R. Babu. The other members of SEAC present in the meeting were:

1. Professor Subir Saha - Member
2. Dr. (Mrs.) P. Malarvizhi - Member
3. Dr. Mihir Deb - Member
4. Shri Sandeep Mishra - Member Secretary

Dr. Chetna (Scientist, Environment) also attended the meeting. P.S Pankaj (Environment Engineer, DPCC) and N.K Joshi (Environment Engineer, DPCC) assisted the Committee.

The minutes of the 39th 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. 127

Project Name: Redevelopment of East Kidwai Nagar, General Pool Residential Accommodation, Govt. of India (GPRA).

Project Proponent: Shri R.K Jha, Sr. General Manager, (RE)
M/s National Buildings Construction Corporation Ltd.,
NBCC Bhawan, Lodhi Road, New Delhi- 110003.

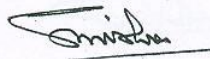
E-mail: nbccnetajinagar@gmail.com ,rkayjha@hotmail.com

Telephone: 011- 24367314

Fax No.: 011-24366995

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

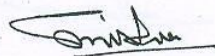
The project was earlier considered by the SEAC in its meeting held on 10/02/2012. The proposal is for grant of Environmental Clearance for Redevelopment of East Kidwai Nagar, General Pool Residential Accommodation, (GPRA) Govt. of India on plot area of 348042



sq.mt. The net plot area for development will be 284930 sq.mt. The project includes demolition of the existing colony. The existing built up area is 144389 sq.mt. Proposed built up area is 1091779. The permissible FAR is 1148538 sq.mt. The proposed FAR will be 703025 sq.mt. The permissible Ground Coverage is 116002 sq.mt. The existing Ground Coverage is 57755.6 sq.mt. Proposed Ground Coverage will be 75369 sq.mt. The proposed basement area is 388754 sq.mt. The total population will be 35961 persons (Resident: 24200 + Staff: 10000 + Visitors: 1761). The number of existing Dwelling Units is 2331. The number of proposed Dwelling Units is 4840. The existing height of building is 9 mtrs. Proposed height of building is 46.08 mtrs. The existing no. of floors is G+1 and G+2. Proposed no. of floors is G+14. The total Commercial Area will be 104413 sq.mt. The existing parking provision is 1554 ECS. The total proposed parking provision is 10939 ECS. The existing green area is 46153.5 sq.mt. The total proposed green area is 127674 sq.mt. The existing total water requirement is 1500 KLD and the total water requirement for proposed project will be 5058 KLD, out of which the fresh water requirement will be 2665 KLD. Source of water demand will be NDMC. The existing wastewater generation is 1200 KLD. The wastewater generation from the proposed project will be 3210 KLD, which will be treated at STP based on SBR technology of 3800 KLD capacity. Treated wastewater of 2393 KLD will be used for Flushing (1078 KLD), HVAC Cooling (216 KLD), Fire (39 KLD) and Horticulture (1060 KLD). The excess treated wastewater of 497 KLD will be used in plantation. The existing solid waste generation is approx. 6000 kg/day. The total estimated solid waste generation will be 14.22 Tons/day. The existing power requirement is 5.5 MVA and the power requirement for the proposed project will be 26203 KVA. The source of power supply will be NDPL. DG sets of 14x500 KVA & 15x 600 KVA are proposed for power backup. 2 Rainwater Harvesting Pits and 48 Rainwater Collection tanks are proposed. Total estimated cost of the project is Rs. 4264 Crores.

Based on the information furnished, presentation made and further discussions held, the Committee suggested to the project proponent that the following information is required before the project is recommended to SEIAA:

- (i) *Revised landscape plan.*
- (ii) *Details of disposal of demolition waste.*
- (iii) *Details of Disaster Management plan.*
- (iv) *Details of flora and fauna.*
- (v) *Details of relocation plan of social infrastructure.*
- (vi) *Details of green belt around monuments and in & around areas where maximum ground level concentrations of pollutants are expected.*
- (vii) *Revised Environmental Management Plan.*
- (viii) *Approval of Chief Fire Officer of building plans.*



The committee also decided that the following condition should be laid down at the time of issuing Environmental Clearance.

- (i) *Radioactivity in the fly ash bricks used for construction should be tested before their use.*
- (ii) *Gas based power backup should be used as far as possible.*
- (iii) *A separate Environmental Cell should be created to monitor the air and water quality and also the green cover of the area.*
- (iv) *Adequate pedestrian connection should be ensured.*

Case No. 130

Project Name : Expansion & Modernisation of Sir Ganga Ram Hospital

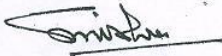
Project Proponent : Dr. A. K. Seth, Hony. Secretary,
Sir Ganga Ram Hospital, Sir Ganga Ram Hospital Hospital Marg,
Rajinder Nagar, New Delhi – 110060
E-mail: gangaram@sgrh.com

Telephone: 011- 42251869

Fax No.: 011-25861002

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

The project was listed in the agenda of SEAC meeting held on 16.03.2012 but, was deferred due to time constraint. The proposal is for grant of Environmental Clearance for Expansion & Modernization of Sir Ganga Ram Hospital (Phase-I), New Delhi. The total plot area is 48422.35 sq.mt. The existing built-up area is 58731.63 sq.mt. & proposed built- up area is 55486.50 sq.mt. The built- up area to be demolished is 6129.78 sq.mt. Total built- up area is 108088.35 sq.mt. The permissible Ground Coverage is 14526.705 sq.mt. The existing Ground Coverage is 12208.651 sq.mt. & proposed Ground Coverage is 1828.20 sq.mt. The Ground Coverage area to be demolished is 1758.50 sq.mt. Total Ground Coverage is 12278.351 sq.mt. The permissible FAR is 96844.7 sq.mt. The existing FAR is 48907.177 sq.mt. & proposed FAR is 17530.61 sq.mt. The FAR to be demolished is 3576.38 sq.mt. Total FAR is 62861.407 sq.mt. The existing Non-FAR area (Net existing basement area) is 9824.46 sq.mt. The proposed Non-FAR area is 37955.89 sq.mt. (Net proposed basement area: 8370.89 sq.mt. + Multilevel parking area: 28248 sq.mt. + Service floors area: 1337 sq.mt.). The Non-FAR area (Basement area) to be demolished is 2553.40 sq.mt. Total Non-FAR area is 45226.95 sq.mt. The existing green area is 17014.489 sq.mt. & proposed green area is 3385.75 sq.mt. The total green area is 20400.239 sq.mt. The maximum height of building is 37 m. The blocks include:



- (i) Existing Main Hospital Building with B+G+1 floors.
- (ii) Existing Working Women Hostel with G+3 floors.
- (iii) Existing Super Specialty Block with B+G+7 floors.
- (iv) Existing out Patient Department with B+G+5 floors.
- (v) Existing Causality Block & Blood Bank with B+G+6 floors.
- (vi) Ward Block (Special Ward) with G+4 floors existing & Service+2 floors proposed.
- (vii) Nursing Home ('A' Block) with G+4 floors existing and 1 floor proposed.
- (viii) Proposed Block 1 (Hospital) with 2B+G+Service+8 floors.
- (ix) Proposed ESS Block with G+ 1 floor.
- (x) Proposed Biomedical and Autoclave Room with Ground floor.
- (xi) Proposed Multilevel Parking Block with 3B+G+11 floors.

The total number of beds after proposed expansion is 932 (existing: 675 + proposed: 257). Total number of laboratories are 10 (existing: 6 + proposed: 4). the existing population is 5535 persons (No. of Beds: 675 persons + Working women & Nursing Hostel: 250 persons + No. of OPD patients: 1500 persons + No. of doctor staff: 610 persons + No. of supporting staff: 1500 persons + visitors: 1000 persons). The proposed population is 2057 persons (No. of Beds: 257 persons + No. of OPD patients: 500 persons + No. of doctor staff: 100 persons + No. of supporting staff: 800 persons + visitors: 400 persons). The total population after proposed expansion will be 7592 persons. The existing parking provision is 644 ECS (201 ECS in basement + 443 ECS in surface). The surface parking provision estimated to be reduced after development is 400 ECS. The total proposed parking is 1048 ECS (basement parking: 107 ECS + multilevel parking (G+11): 941 ECS). The total parking provision after proposed expansion is 1292 ECS (basement parking: 308 ECS + surface parking: 43 ECS + multilevel parking (G+11): 941 ECS). The total water requirement after proposed expansion will be 1000 KLD (existing: 710 KLD + proposed: 290 KLD), out of which fresh water requirement will be 465 KLD. The source of water supply will be DJB. An ETP of 10 KLD capacity is proposed for treatment of approx. 5 KLD of effluent generated from laboratories. The total wastewater generation will be 563 KLD (which include 5 KLD of treated effluent) and will be treated in already existing STP based on FAB technology of capacity 1000 KLD. The treated wastewater of 535 KLD will be used in flushing (256 KLD), HVAC (227 KLD), DG Cooling (22 KLD), Horticulture (30 KLD). The total municipal solid waste generation from hospital after proposed expansion will be 1214 kg (existing: 905 kg + proposed: 309 kg). The total bio-medical waste generation after proposed expansion will be 233 kg/day (existing: 169 kg/day + proposed: 64 kg/day). Total hazardous waste generation after proposed expansion is 7 kg/day (existing: 3 kg/day + proposed: 4 kg/day). The total sanctioned power demand for proposed expansion is 7.67 MVA (existing: 5.5 MVA + proposed: 2.17 MVA). The power supply is met from BSES. The existing DG sets provided for power backup are 2 x 1875 KVA, 2 x 2000 KVA, 3 x 625 KVA. DG sets of 3 x 1000 KVA are proposed for power backup. The total number of Rain Water Harvesting Pits is 11 (existing: 3 + proposed: 8). The total estimated cost of the project is Rs. 300 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 requirements for Environmental Clearance. The Committee sought the following information for its further consideration in the next meeting:

- (i) Revised landscape design showing details of green belt and tree cover to mitigate emission from vehicular traffic and noise.
- (ii) Revised plan for rain water harvesting.
- (iii) Details of load requirement.
- (iv) Layout map showing present structures, structures to be demolished, along with proposed structures.
- (v) Layout showing service lines including in new STP and ETP lines
- (vi) Water quality of STP treated water.
- (vii) Status of application for Authorization under the Hazardous Waste (M & H) Rules, 1989, as amended to date be submitted for generation of Hazardous Waste i.e. ETP sludge etc.
- (viii) Revised detail of power backup
- (ix) Revised circulation pattern/traffic movement.
- (x) Examine the feasibility of setting up bio-gas plant for conversion of organic wastes.
- (xi) Details of disposal of radio-active wastes as per BARC guidelines.
- (xii) Details of Disaster Management Plan.
- (xiii) Details of terms & conditions laid down at time of allotment of land by the agency.
- (xiv) Details of Corporate Social Responsibility (CSR) plan.

The committee also decided that the following condition should be laid down at the time of issuing Environmental Clearance.

- (i) A separate Environmental Cell should be created to monitor environmental quality in and around the hospital complex and also to manage green cover STP, ETP and bio-gas plant.
- (ii) Gas based power backup should be used as far as possible.
- (iii) No ground water should be extracted during construction phase without prior approval of Delhi Jal Board.

- (iv) *Treated waste water from STP and ETP should not be mix.*
- (v) *The waste water from hospital laundry should be diverted to ETP.*

Case No. 136

Project Name : Construction of EWS Housing for Slum Relocation at Bawana-III (Poothkhurd), Delhi.

Project Proponent: Mr. H.C. Puri, Sr. Project Director,
Delhi State Industrial and Infrastructure Development Corporation
Ltd., Technical Centre Building, Wazirpur, Delhi-110052

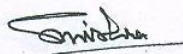
E-mail: hcpuri54@gmail.com

Telephone: 011-27374117, 9891088342

Fax No. – Nil

Project Consultant: M/s EQMS India Pvt. Ltd.

The proposal is for grant of Environmental Clearance for the Construction of EWS Housing for Slum Relocation at Bawana- III (Poothkhurd), Delhi, on total plot area of 423640 sq.mt. (105.35 acres). Total area under housing Phase-1 is 167650 sq.mt. and the total area under housing Phase-3 is 254036.1 sq.mt. Net area for housing at phase-1 is 131898.67 sq.mt. (13.18 hectares) and net area for housing at phase-3 is 173603.54 sq.mt. (17.36 hectares). The total built-up area is 490363.75 sq.mt. The permissible Ground Coverage is 116304 sq.mt. Proposed coverage area in Phase-1 is 43138.98 sq.mt. and the proposed coverage area for Phase-3 is 51393.97 sq.mt. Total proposed area of amenities provided at phase-1 is 1284 sq.mt. and the total proposed area of amenities provided at phase-3 is 16415 sq.mt. The permissible FAR is 581520 sq.mt. Proposed FAR for phase-1 is 215694.90 sq.mt. and the proposed FAR for phase-3 is 256969.85 sq.mt. The project includes construction of 710 residential blocks with G+4 floors. The maximum height of the proposed buildings for (phase-1 & phase-3) will be 14.95 m. The number of dwelling units for phase-1 is 6480 and the number of dwelling units for phase-3 is 7720. Number of blocks is 710 (phase-1: 324 & phase-3: 386). The maximum permanent population will be 63900 persons. The proposed parking provision for phase -1 is 1078 ECS and the proposed parking for phase-3 is 1285 ECS. Total proposed parking provision for (phase-1 & phase-3) is 2363 ECS. Area of woodland for phase-1 is 34467.33 sq.mt. and the area for woodland & green belt for phase-3 is 64017.56 sq.mt. Proposed green area for phase-1 is 14493.6 sq.mt. and the proposed green area for phase-3 is 26570.5 sq.mt. The total proposed green area for (phase-1 & phase-3) is 41064.1sq.mt. The total water requirement will be 7542.7 KLD, out of which fresh water requirement will be 5135.74 KLD. The source of water supply will be DJB. The wastewater generation of 6309.85 KLD will be treated in two STPs based on SAFF



technology of total capacity 7000 KLD. The treated wastewater of 5678.87 KLD will be used in Flushing (2201.26 KLD) and Horticulture (205.3 KLD). The rest of 3272.31 KLD will be discharged to nearby agriculture land/industrial area. The total solid waste generation will be

28.75 ton/day. The power requirement will be 40000 KW and will be met from NDPL. 8 number of DG sets with 10-20 KW capacity each will be installed to provide power for essential services like STP, water supply etc. 16 Number of Rainwater Harvesting Pits are proposed. The total cost of the project is Rs. 73740.51 Lakhs.

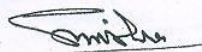
Based on the information furnished, presentation made and further discussions held, the Committee suggested to the project proponent that the information submitted does not meet the requirement for Environmental Clearance. The Committee sought the following information for its further consideration in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

- (i) *Secondary base line data on air quality and noise levels from nearby monitoring stations.*
- (ii) *Details of relocation of 60,000 people during construction phase.*
- (iii) *Total layout of the area showing different phases of redevelopment and location of infrastructural facilities, green areas*
- (iv) *Revise form 1 and 1A.*
- (v) *Details of parking and circulation plan.*
- (vi) *Detailed landscape design.*
- (vii) *Since 450 d.u. / hect may not be possible, the entire project requires re-examination.*

Case No. 139

Project Name : Proposed Commercial Complex Project (Hypermarket, Mini Anchor Market, Shops, Offices, Food Court & Restaurants) (M/s Reliance Eminent Trading & Commercial Pvt. Ltd.)

Project Proponent : Mr. Rakesh K. Mehta, Sr. Vice President, Commercial & Authorised Signatory, M/s Reliance Eminent Trading & Commercial



Pvt. Ltd., A-3, Mohan Co operative Industrial Area, Mathura Road,
New Delhi – 110044.

E-mail: rakesh.k.mehta@ril.com

Telephone: 011-40658050/40658106

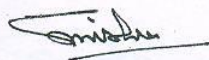
Fax No.- 011-40658447

Project Consultant : M/s Environmental Engineering & Consultants Pvt. Ltd.

The project was earlier considered by the SEAC in its meeting held on 10/02/2012. The proposal is for grant of Environmental Clearance for Proposed Commercial Complex Project (Supermarket, Mini Anchor Market, Shops, Offices, Food Court & Restaurants) at Plot No. 1, Community Centre, Alaknanda, New Delhi on total plot area of 14910 sq.mt. The total built up area will be 67298.07 sq.mt. The permissible FAR is 34500 sq.mt. The proposed FAR is 34454.91 sq.mt. The permissible Ground Coverage is 6136 sq.mt. The proposed Ground Coverage is 6123.91 sq.mt. The total basement area is 31343.16 sq.mt. (Basement first: 10607.03 sq.mt. + Basement second: 10500.33 sq.mt. + Basement third: 10235.80 sq.mt.). The maximum height of the building is 26 mt. The maximum number of floors will be 3B+G+5. Total proposed green area is 2358.90 sq.mt. The proposed parking provision is 1035 Cars and 710 two wheelers. The total expected population is 3659 persons. The total domestic water requirement will be 151 KLD, out of which fresh water requirement will be 77KLD. The source of water supply will be DJB. The wastewater generation of 135.90 KLD will be treated in STP of capacity 163 KLD based on FAB technology. The treated wastewater of 122.31 KLD will be used in Flushing (74 KLD), Horticulture (5 KLD) and HVAC (43.31KLD). The total municipal solid waste generation from the proposed complex will be 536.70 Kg/day. The total power requirement will be 3808 KW and will be met from BSES. The DG sets of 4 x 1500 KVA capacities are proposed for power backup. The Rooftop Rainwater Storage tanks of 800 KLD capacity are proposed. The total cost of project is Rs. 163.82 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 sought the following information for its further consideration in the next meeting:

- (i) Plan for providing tree pads at north and west side boundary wall.
- (ii) Revised water balance sheet.
- (iii) Details of vertical garden.
- (iv) Details of action plan on Corporate Social Responsibility.



- (v) Revised landscape plan.
- (vi) Details of floor wise plan.
- (vii) Revised backup power requirement.
- (viii) Revised form 1 & 1A with no change in the title.

It was decided that the members of the committee should make a visit to the area where a facility similar to the proposed project is functioning for the purpose of assessing prevailing environmental quality.

Case No. 140

Project Name : Construction of Maharaja Agrasen College at Vasundhara Enclave, East Delhi.

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

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

Telephone: 011-22610552

Fax No.- 011- 22610565

Project Consultant: M/s Ind Tech House Consult, Delhi.

As per the request of the Project Proponent, the Case was deferred.

Case No. 141

Project Name : Flatted Industry Project

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

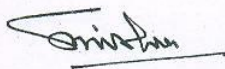
E-mail:

Telephone: 011-42277777

Fax No.: 011- 4227770

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

The Committee decided to consider it in the next SEAC meeting due to time Constraint.



Cases considered under Table Agenda

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

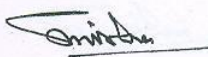
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Project Consultant : M/s Grass Roots Research & Creation India Pvt. Ltd.

The proposal is for grant of Environmental Clearance for "Masjid moth campus for AIIMS" New Delhi. The proposal was consider in the earlier meeting of SEAC held on 11 Jan 2012 and 16 March 2012. 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

- (i) Dining and Parking Block (2B+G+2 Floors).
- (ii) Surgical Block(3B+G+8 Floors)
- (iii) Hostel-1 (B+G+10 Floors).
- (iv) Hostel-2 (B+G+10 Floors).
- (v) Hostel-3 (2B+G+5 Floors).
- (vi) OPD Block (3B+G+8 Floors).
- (vii) Mother and child Block (3B+G+8 floors).
- (viii) Basement Parking (3B+ G floors).
- (ix) Below Ground Parking (3B+G floors).

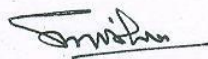
The permissible Ground Coverage is 38849.86 sq.mt. and proposed Ground Coverage is 38350 sq.mt. The permissible FAR is 258999.04 sq.mt. and proposed FAR is 177154.52 sq.mt. The total basement area is 162214.38 sq.mt. The proposed green area is 39756.35 sq.mt. The total number of beds is 1000. The total 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 has been shown to be 2862 KLD, out of which fresh water requirement will be 2017 KLD. The source of water supply will be DJB. The total wastewater generation will be 839 KLD and will be treated in 1090 KLD Capacity STP based on FAB technology. The treated wastewater of 755 KLD (90% of 839 KLD) in addition to 90 KLD from ETP will be re used. The treated waste water will be used in Flushing (321 KLD), HVAC Cooling (235 KLD), DG Cooling (43 KLD) and Horticulture (246 KLD). Total HVAC Cooling requirement will be 1504 KLD (1269 KLD fresh water and 235 KLD of treated wastewater). During monsoon season the fresh water requirement will be 1707 KLD and the treated wastewater of 755 KLD will be used in flushing (321 KLD), HVAC Cooling (391 KLD) and DG Cooling (43 KLD). Total HVAC Cooling requirement in monsoon season will be 1350 KLD (959 KLD fresh water and 391 KLD of treated wastewater). The effluent coming out from the labs will be treated in ETP of capacity 100 KLD. The treated wastewater of 90 KLD will be stored in underground tank. 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 sought the following information for its further consideration in the next meeting:

- (i) Land use map of core and buffer area.
- (ii) Revise landscape plan and list of trees to be planted.
- (iii) Floor wise evacuation plan for each block with complete project title along with a Disaster Management Plan.
- (iv) Traffic circulation plan with details of impact of traffic movement on environment around the hospital.



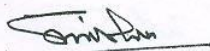
- (v) *Details of ETP.*
- (vi) *Modes of waste disposal and the agency (ies) involved.*
- (vii) *Duly signed building plan with correct project title.*
- (viii) *Examine the feasibility of other modes of mass transport for the inter-connectivity between the two campuses, within the campus, between campus and the metro station.*
- (ix) *Details on the flora and fauna of the area.*
- (x) *Details of zones of maximum impact of Air pollution and the mitigation measures.*
- (xi) *Signed Geo-technical report.*

The committee also decided that the following condition should be laid down at the time of issuing Environmental Clearance.

- (i) *A separate Environmental Cell should be created to monitor the environmental quality, management of STP, ETP, waste management and green cover.*
- (ii) *No ground water should be extracted during construction phase without prior approval of Delhi Jal Board.*
- (iii) *Gas based power backup should be used as far as possible.*
- (iv) *Radio-actives should be disposed as per BARC rules.*
- (v) *The paper recycling unit should be set up.*
- (vi) *Treated waste water from STP and ETP should not be mix.*
- (vii) *Waste water from hospital laundry should be diverted to ETP.*
- (viii) *Bio-degradable waste should be used in Bio-Gas generation.*

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

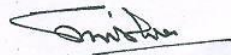


Fax No.: 011- 26195583

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

The proposal 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 proposal was considered in the 39th meeting of SEAC held on 16th March 2012. 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 7244(37.02%) sq.mt. (36.8% of plot area). The proposed parking provision is 1060 ECS (331 ECS in basement first + 343 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 is 163 KLD out of which fresh water requirement will be 77 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 will be 86 KLD. 33 KLD of treated water shall be used in flushing, 11.8 KLD of treated water will be used for horticulture and 9 KLD will be used for D.G. cooling. 27.9 KLD will be used in HVAC. 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 1 x 1010 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).

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:



Minutes of the 40th meeting of State Level Expert Appraisal Committee (SEAC) held on 13.04.2012
from 10:00 am to 6:00 pm in the Conference Room of DPCC

- (i) Revised form 1 and 1A with address and project title.
- (ii) Concept note on the project.
- (iii) Details of parking area and ECS.
- (iv) Revised details of power backup.
- (v) Details of action plan for Corporate Social Responsibility (CSR).
- (vi) Base line air quality and noise level data from monitoring stations located close to the proposed site.
- (vii) Revised water balance sheet with uniformity in the units used for quantifying water requirement and use.
- (viii) Disaster management plan.

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

- (i) No ground water extraction during construction phase without prior approval of DJB.
- (ii) Power backup should not exceed more than 40% of total power requirement.
- (iii) Green belt of at least 5-10 m width to be developed to mitigate pollution due to vehicular emissions.

It was decided by the Committee that the 41st meeting of SEAC will be held on 04th May 2012.

The meeting ended with vote of thanks to the Chair.

