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**STATE LEVEL EXPERT APPRAISAL COMMITTEE – DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-6
VISIT US AT : [HTTP://DPCC.DELHIGOVT.NIC.IN](http://DPCC.DELHIGOVT.NIC.IN)**

F.No. DPCC/MS/SEAC/09/

Dated:

Please find enclosed herewith the minutes of the 13th meeting of the **State Level Expert Appraisal Committee (SEAC)** held on **07-12-2009 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.

**Dr. A.K. Ambasht
Secretary (SEAC)**

To:-

1. **Prof. C.R. Babu, (Chairman, SEAC)**, Centre for Environmental Management of Degraded Ecosystems, School of Environment Studies, University of Delhi-110007.
2. **Dr. R.K. Khandal, (Member, SEAC)**, Director, Shriram Institute of Industrial Research, 19, University Road, Delhi-110007.
3. **Prof. Subir Kumar Saha, (Member, SEAC)**, Director (Vice-Chancellor) School of Planning and Architecture, 21, SPA Complex, New Friends Colony, New Delhi-110065.
4. **Dr. (Mrs.) P. Malarvizhi, (Member, SEAC)**, Associate Professor, Institute for integrated Learning in Management, No.2, Lodhi Institutional Area, Lodhi Road, New Delhi-110003.
5. **Prof. Mihir Deb, (Member, SEAC)**, Professor & Director, School of Environment Studies, University of Delhi, Delhi-110007.
6. **Sh. Amarjeet Singh, (Member, SEAC)**, Chief Engineer (C&E Division), Central Electricity Authority, 2nd Floor, N-Wing, Sewa Bhawan, R.K. Puram, New Delhi-110006.

Copy To:

1. **Sh. Jagdish Sagar, IAS (Retd.), Chairman, SEIAA**, B-401, SPS Residency, Vaibhav Khand, Indira Puram, Ghaziabad, UP.
2. **PS to Chairman (DPCC) cum Secretary (Environment)**, for kind information.
3. **Sr. Scientist (IT)** - for necessary action regarding uploading the minutes on the website.

**Dr. A.K. Ambasht
Secretary (SEAC)**

Minutes of the 13th meeting of State Level Expert Appraisal Committee (SEAC) held on 07.12.09 from 10:00 am to 6:00 pm in the Conference Room of DPCC

The 13th meeting of State Level Expert Appraisal Committee (SEAC) was held on 07-12-09 in the conference room of DPCC under the Chairmanship of Professor C.R. Babu. The following members of SEAC were present in the meeting:

1. Dr. A.K. Ambasht - Secretary
2. Professor Mihir Deb - Member
3. Professor Subir Kr. Saha - Member
4. Dr. (Mrs.) P. Malarvizhi - Member

Dr. M. P. George (Sr. Scientist, DPCC), Dr Anil (Director, Environment) and Dr. Chetna (Scientist, Environment) also participated.

The Chairman welcomed all members of the Committee. The minutes of the 12th meeting of the SEAC was confirmed by the members.

The Secretary informed the Committee that as per the Committee's decision taken in its 9th and 11th meetings dated 07.08.2009 and 09.10.2009, respectively with respect to EC for **Case No. 02 (Construction of Industrial Workers housing with cost effective technologies at Narela Industrial park of DSIIDC by M/s Delhi State Industrial and Infrastructure Development Corporation Ltd.)**, simultaneous ground monitoring in Narela Industrial Area was done by DPCC monitoring team. The data was placed before the Committee. Since the Arsenic levels in ground water samples are found within the permissible limits, the Committee concurred with its decision taken on 09.10.2009, i.e to recommend the project to SEIAA for EC.

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

Case No. 45

Project Name : Redevelopment of Inter State Bus Terminus (ISBT) at Anand Vihar, Delhi

Project Proponent: Mr. Krishan Kumar, General Manager (ISBT) Transport Department
(Govt. of NCT Delhi), 5/9, Underhill Road, Delhi – 110006

The proposal was reconsidered by the Committee and the proponent made a presentation on the additional information sought by the Committee. The project was earlier considered by the SEAC at its meetings held on 07-08-2009 and 09-10-2009. The proposal is for grant of Environmental Clearance for Redevelopment of Inter State Bus Terminus (ISBT) at Anand Vihar, Delhi. The project involves the modernization of already running Inter State Bus Terminus. The total plot area is 92,000 m² (including hotel area) and the effective area for the project is 76,390 m². The total built-up area is 89455.649 m². Area considered for FAR is 34787.317 m². Ground coverage is 10515.321 m². Basement area is 54241 m². Green cover (including terrace garden) will be 25.5% of the total plot area, i.e. 23411.3 m². Maximum no. of floors for ISBT is G+8 (46m height). Estimated population in the premises is around 1,25,000 floating + 200 staff + 200 others

(approx.). Parking provided for ISBT is 1328 ECS. Total water requirement for the project is 2050 KLD which includes 663 KLD as fresh water requirement/drinking water requirement. The water demand will be met from 3 existing bore wells and DJB supply. Total wastewater/sewage generation from the project will be 1790 KLD and will be collected and treated in Fluidized Aerobic Bioreactors (FAB) at on site Sewage Treatment Plant of 2060 KLD Capacity. Treated waste water (approx. 1520 KLD) will be stored and will be reused after disinfection from UV rays. This treated water will be used in flushing requirement (1326 KLD) and irrigation (61 KLD) and the rest of 133 KLD will be discharged in drain. The total power requirement is 4630 KW. DG sets with total capacity of 9000 KVA are used as backup power (06 DG sets of 1500 KVA each). Solid waste generation from the project will be approx. 13162 kg/day. 10 rainwater collecting pits will be provided at the site. The estimated cost of project is Rs. 150 crores.

Based on the information furnished, presentations made and discussions held the Committee **recommends the project to SEIAA for Environmental Clearance** subject to the following conditions: -

- (i) The entire nearby drain should be covered with concrete and later to be provided with tree plantation on both the sides. North side of drain should also to be covered with trees.
- (ii) About 20X20 sq.ft area should be earmarked for installation of DPCC's automatic air quality monitoring stations at island(h).
- (iii) Excess treated wastewater from on-site STP should be provided to nearby nursery of the Forest Department.

Case No. 46

Project Name : Fully Automated Multilevel Underground Parking at Delhi High Court parking premises

Project Proponent : M/s Delhi High Court

The proposal was reconsidered by the Committee and the proponent made a presentation on the additional information sought by the Committee. The project was earlier considered by the SEAC at its meetings held on 07-08-2009 and 09-10-2009. The proposal was reconsidered by the Committee and the proponent made a presentation on the additional information sought by the Committee. The project was earlier considered by the SEAC at its meeting held on 07/08/2009. The proposal is for grant of Environmental Clearance for Fully Automated Multilevel Underground Parking at Delhi High Court parking premises. The total plot area is 9670 m². The total built-up area is 41237.52 m². Height of the building (amenities and service block) is 5.5 m above G.L. Depth of Parking Complex is 18 m with 06 underground floors. Total No. of cars proposed for parking is 1475 (approx.). Water will be arranged from bore wells during construction phase. During operation phase, the water requirement will be around 30 KLD and it will be met through supply by NDMC. The sewage generation during operation phase will be around 3 to 4 KLD and will be discharged in the existing municipal sewer. The municipal waste generation will be approx. 1 MT/month. Power requirement of 1600 KVA will be supplied by local body. Power back up is being provided through 2 D.G. sets of 750 KVA each. Fuel tanks (2 Nos.) of 990 litres capacity is also proposed to be located at the site. The estimated cost of the project is Rs. 125 crores.

Based on the information furnished, presentation made and discussions held, the Committee was not convinced with the information provided by the project proponent on the status of the unprotected monument located inside the project site in light of the October 2009 Notification of NDMC. The Committee requested the Secretary to seek clarification on the matter from ASI, State ASI, HCC and NDMC. The Committee also sought the following information from the proponent for further examination:

- (i) Incident Command System for Disaster Management.
- (ii) Details of the pollution load during operation as per the model.
- (iii) Action Plan for Corporate Social Responsibility with budget.

The Committee decided that the EC for the project be deferred till the submission of the above information and its subsequent examination by the Committee.

Case No. 54

Project Name : Multiplex Development (Commercial Complex-cum-Multiplex) at Yashwant Place Community Centre, Chanakyapuri, New Delhi.

Project Proponent : M/s Riveria Commercial Developers Pvt. Ltd., DLF Centre, Sansad Marg, New Delhi-110001

The proposal was reconsidered by the Committee and the proponent made a presentation on the additional information sought by the Committee. The project was earlier considered by the SEAC at its meeting held on 09-10-2009. The proposal is for grant of Environmental Clearance for Multiplex Development (Commercial Complex-cum-Multiplex) at Yashwant Place Community Centre, Chanakyapuri, New Delhi on plot area of 8178.73 m². The built-up area will be 28,015 m². The Floor Area will be 10,000 m². The Ground Coverage will be 2800 m². The number of floors will be LG + G + 7 with 2 basements. The maximum height of building will be 34 m. The parking facility will be provided for 300 ECS. Total water requirement will be 147.4 KLD. Fresh water requirement will be 79.8 KLD, which will be met from Municipal supply. Total wastewater generation will be 71.2 KLD, which will be treated at the on-site Sewage Treatment Plant of 75 KLD capacity. The treated sewage of 67.6 KLD will be used in Flushing (35.8 KLD), Cooling (26.6 KLD) and Horticulture (5.2 KLD). The solid waste generation will be 351 Kg/day. The total power demand will be 2140 KVA, which will be met from NDMC. Two D.G. sets of 1010 KVA and one D.G. set of 750 KVA capacity will be provided for power backup. Total of 6 rainwater recharge wells will be provided. The estimated cost of the project is Rs. 142.44 Crores.

Based on the information furnished, presentation made and discussions held, the Committee **recommends the project to SEIAA** for Environmental Clearance subject to the submission of the following documents:-

- (i) Details of Air Circulation with data for CO & CO₂ concentrations in the basements during operational stage.
- (ii) Details of greenbelt development.
- (iii) Details of Corporate Social Responsibility.

Case No: 55

Project Name : Environment clearance for Girls' hostel and OBC infrastructure expansion Academic Blocks at Hindu College, Delhi University.

Project Proponent : Principal, Hindu College, Delhi University, Delhi

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 Girls' hostel and OBC infrastructure expansion of Academic Blocks at Hindu College, Delhi University. The total plot area for the existing buildings and proposed expansion is 24.82 acres (i.e 1,00,847.66 m²). The proposed built-up area for the expansion will be 8,385 m². Total Ground Coverage for the project will be 15,865.01 m² (13,775.51 m² for existing + 2,089.5 m² for the proposed expansion). Total FAR for the project will be 28,735.84 m² (20,350.84 m² for the existing building + 8,385 m² for the proposed expansion). Total Green Area provided will be 64,225.57 m². Parking will be provided for 392 ECS in total area of 8,693.87 m². Total additional water requirement for the expansion will be 25 KLD (13.5 KLD for the Girls Hostel and 11.5 KLD for the Academic buildings). This additional demand will be met from MCD. The treated water (approx. 10 KLD) will be used for flushing. Total additional power demand for the expansion will be 40 KWH and will be met from BSES. The Garbage generated will be disposed through MCD Dhalao. Total project cost is 7.5 crores.

Based on the information furnished, presentation made and 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 from the project proponent for its further consideration:-

- (i) Conceptual Plan of the project
- (ii) Land use pattern of the project.
- (iii) Detailed design of the existing as well as proposed buildings.
- (iv) Layout plan for the expansion.
- (v) Linkage for water & power supply for proposed expansion.
- (vi) Water and power requirement for the existing and proposed building.
- (vii) Wastewater generation details for the existing and proposed building..
- (viii) STP details with its location on a layout plan.
- (ix) Solid Waste Management details including e-waste.
- (x) Details of energy conservation measures to be adopted.
- (xi) Baseline data for air, water and noise.
- (xii) Details of the landscape plan.
- (xiii) Details of thick green belt with the list of trees to be planted.
- (xiv) Heritage status of the existing buildings.
- (xv) Disaster Management Plan (Evacuation Plan).
- (xvi) EMP during construction and operation stages with environment monitoring plan and environmental budget.

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

- (i) Zero discharge of effluent.

- (ii) All the surface run-off and roof top run-off should be channelized & discharged into surface ponds.
- (iii) Adoption of Energy Conservation Building Code.
- (iv) Fly ash bricks should not be used for construction purpose.

Case No: 58

Project Name : Environmental Clearance for construction of “DLF Towers” at Plot Nos. 1&2, Najafgarh Road, Shivaji Marg, New Delhi.

Project Proponent : M/s DLF Retail Developers Ltd., DLF Centre, Sansad Marg, New Delhi-110001

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 construction of “DLF Towers” at Plot Nos. 1 & 2, Najafgarh Road, Shivaji Marg, New Delhi, on plot area of 8,118.982 sq.mt and built-up area of 27,138.47 sq.mt. The ground coverage is 4059.49 sq.mt. The total floor area is 12,168.47 sq.mt. The project will have ground floor + 2 floors and three basements. The maximum height of the building is 14.9 m. The estimated population to step in will be 270 (working) + 2704 (visiting). The green area is 525 sq.mt. The parking space for 244 ECS will be provided at 3 basements only. The total water requirement for the project is 106.6 KLD. Out of the total water requirement, 39.2 KLD will be met by fresh water from municipal supply and rest of 67.4 KLD will be from recycled treated sewage. The total wastewater generated will be 70.96 KLD. STP of 75 KLD capacity, based on activated sludge process, will be provided for wastewater treatment and treated sewage, i.e. 67.4 KLD will be utilized for toilet flushing, cooling and horticulture. 6 numbers of rainwater recharge wells will be provided for rainwater harvesting. Total power requirement will be 1325 KW, which will be supplied by state grid, and 2 X 1010 KVA D.G. sets will be provided for power backup. The total solid waste generation will be 311 Kg/day. The total cost of the project is Rs. 104.5 crores.

Based on the information furnished, presentation made and discussions held, the Committee suggested to the project proponent that the information submitted does not meet the requirement for Environmental Clearance. During the presentation, the proponent informed the Committee that the said project land has been purchased from M/s DDA by M/s DLF. The Committee sought the following information from the project proponent for its further consideration:

- (i) Resubmission of the correct Form 1 & 1A with title of the project.
- (ii) Details of land ownership.
- (iii) Distance of the project boundary from the road.
- (iv) Copy of the order of Hon’ble High Court w.r.t the part of land given to M/s DDA by the project proponent for green area development.
- (v) Details of the land use pattern of the project site w.r.t MPD 2021.
- (vi) Details of no. of shops and food courts.
- (vii) Plans for loading and unloading of goods for the proposed IT & Software shops.
- (viii) Details of peripheral green belt.
- (ix) Land use pattern for the project in a tabular form.
- (x) Linkages for water and power.

- (xi) Details of proposed STP and its design along with its O&M during operation.
- (xii) Baseline data on ground water quality and soil characteristics, particularly pesticide levels.
- (xiii) Details of Solid Waste Management including e-waste.
- (xiv) Details of landscape development.
- (xv) Baseline data on air quality as per the new notification of MOEF.
- (xvi) Baseline noise data.
- (xvii) Certificate from Chief Fire Officer.
- (xviii) Disaster Management Plan/ Evacuation Plan with incident command system.
- (xix) Action plan for Corporate Social Responsibility with budget.

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

- (i) No ground water extraction during construction as well as in operation phase.
- (ii) Gas based generator sets to be used for power back up in place of Diesel Generator Sets in view of availability of Natural gas.
- (iii) At least 3 m wide peripheral green belt should be developed.

Case No: 59

Project Name : Environment Clearance for Redevelopment of ISBT at Sarai Kale Khan, New Delhi.

Architect to Project: M/s Sikka Associates, B-2/20, Safdarjang Enclave, New Delhi-29

Form 1 & 1A of the project was signed by the Architect consultant of the project (M/s Sikka Associates) and not by the project proponent i.e Transport Department, Govt. of NCT, Delhi. The Committee decided that the project will be appraised only after submission of duly signed Form 1 and Form 1A by the project proponent.

It was decided by the Committee that the next meeting of SEAC will be held on 15th January 2009.

The meeting ended with vote of thanks to the Chair.
