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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/09/ 634

Dated: 26.10.09

Please find enclosed herewith the minutes of the 11th meeting of the State Level Expert Appraisal Committee (SEAC) held on 09-10-2009 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.

Copy To:

1. Sh. Jagdish Sagar, IAS (Retd.), for kind information.
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.



1670/196
27-10-09

Minutes of the 11th meeting of State Level Expert Appraisal Committee (SEAC) held on 09.10.09 from 10:00 am to 6:00 pm in the Conference Room of DPCC

The 11th meeting of State Level Expert Appraisal Committee (SEAC) was held on 09-10-09 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. Professor Subir Kr. Saha - Member
2. Dr. (Mrs.) P. Malarvizhi - Member
3. Dr. A.K. Ambasht - Secretary

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

The Chairman welcomed all members of the Committee. The minutes of the 9th meeting of the SEAC was confirmed by the members.

Secretary, SEAC informed the Chairman that School of Planning & Architecture has till date not responded to the Committee's request to re-examine built up area details with respect to the decision taken in Case No. 1 (Environment Clearance for North Gate Orbit Plaza at Gujrawala Town, Azadpur, New Delhi by M/S Today Homes and Infrastructure Pvt. Ltd.) & Case No. 18 (Construction of Integrated Station Building and Commercial development at Games Village, Near Akshardham, New Delhi by M/S Parsvnath Developer) even after repeated follow-up. The building plan (Hard and Soft Copy) for both the projects were sent to Dr. Meenakshi Dhote, Head, Deptt. of Environment Planning, School of Planning & Architecture and same may be taken back. The said work will be assigned to some other institute.

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

Case No. 02

Project Name : Construction of Industrial Workers housing with cost effective technologies at Narela Industrial park of DSIIDC

Project Proponent : M/s Delhi State Industrial and Infrastructure Development Corporation Ltd.

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 29-12-2008, 30-01-2009, 20-02-2009 and 07-08-2009. The proposal is for grant of Environmental Clearance for Construction of Industrial Workers housing with cost effective technologies at Narela Industrial park of DSIIDC on a plot of 55077.65 sq.mt having 1892 residential units. Population density in the housing units is estimated upto 1243 persons/ ha. The ground coverage is 16726.32 Sq.mt. Proposed F.A.R. is 61904.04 Sq.mt. Area for green belt development is 9747.86 Sq.mt., i.e 17.7 % of plot

area. Area for Parking proposed is about 4492 Sq.mt., which is for 35 cars and 972 scooters/cycles. Water requirement during the construction phase is 25×10^4 KL per year, i.e 540 KLD, which will be provided by DSII DC. Total Domestic water requirement during operation phase will be 925 KLD, which will be provided by DJB. Wastewater generation during operation phase from domestic usage will be 740 KLD. Wastewater will be treated through STP having 750 KLD capacity and treated wastewater, about 629 KLD will be used in green belt development. The total solid waste generation will be 2733.6 Kg./day. The total power requirement for the proposed project is 2545 KVA, which will be provided by NDPL. One D.G Set of 30 KVA capacity will be provided for power backup. Four rainwater collecting pits will be provided at the site. The total cost of the project is Rs. 4425.06 Lakhs.

Based on the information furnished, presentations made and discussion held the committee decided to **recommend the project to SEIAA for EC** subject to the following conditions: -

- (i) Adoption of Energy Conservation Building Code.
- (ii) Extensive plantation not only in the Housing Complex but also in the industrial area and 30m-50m wide greenbelt all around the housing complex and industrial area.
- (iii) DPCC should monitor the Arsenic content in ground water periodically and ground water use should be restricted.

Case No: 07

Project Name : Environment Clearance for “Group Housing Societies and Residential Complex, Phase-I, Dheerpur, Delhi.”

Project Proponent : M/s Delhi Development Authority (DDA)

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 29-12-2008 and 30-01-2009. The proposal is for grant of Environmental Clearance for “Group Housing Societies and Residential Complex, Phase-I, Dheerpur, Delhi” on a plot of 194.5 hectares. The total no. of flats proposed is 4200 with built-up area of 178,000 sqm. Maximum no. of floors for Category-I (EWS flats) is G+4 and for Cat – II & III flats, no. of floors proposed are Stilt + 7, Stilt + 9 and Stilt + 11 respectively. Basement was also proposed for some blocks. Population estimation is 98910 Nos. (including residential population of 48120). The total water requirement is 9.03 MLD (i.e. 9030 KLD), which also include fresh water requirement of 5.515 MLD (i.e. 5515 KLD). The fresh water will be supplied by Delhi Jal Board (DJB) from Wazirabad Barrage. The total water requirement will be used for residential (6496 KLD), commercial hotel (759 KLD), public (652.50 KLD), Nirankari Mandal (0.45 KLD), landscape (1000 KLD) and other requirements (118.90 KLD). It is estimated that about 6704 KLD of wastewater will be generated from the proposed project. The capacity of proposed STP is 7 MLD. Treated waste water will be 6034 KLD, out of which 3513 KLD will be reused for landscape (1000 KLD), for flushing requirements at residential complex (1925 KLD), commercial hotel (225 KLD), public (363 KLD) and Nirankari Mandal (0.25 KLD). The rest of 2521 KLD will be discharged to Shah Alam drain. Total power requirement

proposed is 93.5 MVA and this will be supplied by NDPL. The total solid waste generation will be 23.9 tonnes / day and total sludge generation will be 800 kg/day. The total cost of the project is Rs.1578.25 Crore. The project proponent informed the Committee that the present project is for residential complex only and will spread on 19.5 hectares out of total 194.5 hectares of land. However, entire structural plan of the area was prepared in 1991 before the EIA Notification of 1994.

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) Resubmission of Form 1 and 1A with respect to change in the project title.
- (ii) Land requirement details for residential complex.
- (iii) Approval from DUAC.
- (iv) Details of STP, water requirement & waste water generation with respect to residential complex.

Since the area receives storm water and sewage from the neighbouring elevated residential complexes and since there are wetlands in the area, the Committee decided to constitute a small Committee consisting of Prof. C.R Babu, Prof. S.K Saha, Dr. A.K Ambasht, Dr. Anil Kumar, Dr. Chetna and representatives of DJB, MCD, I&FC, CPCB and Ministry of Water Resources to visit the site for ascertaining the impact of housing complex on the drainage pattern of the area before taking final decision on the project.

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 meeting held on 07/08/2009. 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 102000 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 will be 25.84% of the plot, i.e. 24265 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 borewells 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) based 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). Rest of the 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 discussion held the committee decided to **recommend the project to SEIAA for EC** only after the submission of the following documents and their examination by the committee: -

- (i) Details of land use pattern.
- (ii) Air modeling for emission quantification.
- (iii) Detailed plan for green cover.
- (iv) Details of drainage plan for discharge of waste water & storm water.
- (v) Details of proposed ETP with its location on site plan.

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 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, presentations made and discussion held the committee decided to **recommend the project to SEIAA for EC** subject to the submission of following documents by the project proponent: -

- (i) Details of Disaster Management plan/ Evacuation plan.
- (ii) Status of unprotected monument within the site from ASI.
- (iii) Prediction of emission levels during operation stage.
- (iv) Permission from NDMC for 30m D.G Set stack height.
- (v) Clearance from Chief Fire Officer.

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

- (i) Three rows of trees should be planted around the unprotected monument within the site.
- (ii) Details of Corporate Social Responsibility (CSR) with budget. CSR should include Rs.10 lakh as one time grant & Rs.01 lakh as recurring grant.
- (iii) Adoption of Energy Conservation Building Code.

Case No: 53 (fresh)

Project Name : Proposed Construction of Hospital Complex Project redesigned from 500 beds to 750 beds and excluding housing part at Sector – 9, Dwarka, New Delhi

Project Proponent : M/s Public Works Division, Building Project Division B-232, Sector – 9, Dwarka, New Delhi – 110075.

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 Proposed Construction of Hospital Complex Project redesigned from 500 beds to 750 beds and excluding housing part at Sector – 9, Dwarka, New Delhi on total plot area of 6 hectares, i.e 60000 m² (approx.). The built-up area is 125335.267 m². The proposed ground coverage is 12073.807 m². Proposed FAR is 78299.935 m². Green area will be 43048.193 m². The blocks proposed with floors are OPD block (G+4 floors), general ward (G+10 floors), private ward (G+10 floors) and emergency ward (G+5 floors). Two basements are proposed for parking purpose. Total parking requirement will be 2086 ECS, including 1148 ECS for basement A, 876 ECS for basement B, and 62 ECS as surface parking. Total water requirement will be 970 KLD. Fresh water requirement will be 475 KLD. The water requirement will be met from DJB. The fresh water will be used in domestic purpose (355 KLD), kitchen (50 KLD), laundry (60 KLD) and water body makeup (10 KLD). The wastewater generation will be 553 KLD which will be treated at on-site Sewage Treatment Plant of 550 KLD capacity. The treated wastewater of 495 KLD will be used in flushing (125 KLD), cooling (315 KLD), air washers (10 KLD) and gardening (45 KLD). The biomedical waste generation will be 750 Kg/day including sharp waste (225 Kg/day), incinerable waste (250 Kg/day), autoclavable waste (270 Kg/day) and radioactive waste (5 Kg/day). The solid waste generation will be 1875 Kg/day including biodegradable waste (1000 Kg/day) and recyclable waste (875 Kg/day). Maximum power demand will be 8029.35 KW. This will met from nearby BSES grid substation. Five D.G. sets having capacity of 2000 KVA each will be

provided in the complex for power backup. Total of 18 Rainwater harvesting pits will be provided in the complex. The expected cost of the project is Rs. 350 Crores.

Dr. Vijay Rai, Chief Medical Officer (Hospital Cell), DHS (HQ) informed the Committee that the said project belongs to DHS (Directorate of Health Services), while M/s PWD (Public Works Department) is the project executing agency. He further informed that construction has not yet been started on the earlier Environment Clearance obtained from Ministry of Environment & Forest vide letter no. 21-775/2006-IA.III, dated 5th April, 2007 for construction of 500 bedded Hospital. The Committee, before the start of the presentation, clarified that Environment Clearance will be given in the name of DHS & the project for construction of 750 bedded hospital will be considered as a new project. The EC for 500 bed Hospital should be treated as withdrawn.

Based on the information furnished, presentations made and discussion held the committee decided to **recommend the project to SEIAA for EC** subject to the submission of following documents by the project proponent and its reconsideration: -

- (i) Resubmit the Form 1 & 1 A as a fresh project.
- (ii) Details of 2-3 surface ponds to be created within the site.
- (iii) Details of solar water heater system to be installed.
- (iv) Details of native species to be included in the greenbelt.
- (v) Details of the landscape area and greenbelt with name of trees.
- (vi) Clearance for change in FAR.
- (vii) Clarification on sewage generation with respect to water consumption.
- (viii) Details of vehicular movement plan.
- (ix) Design of proposed ETP & its location on site plan.
- (x) Water Balance Chart.
- (xi) Budget for Environment Management Plan.
- (xii) Clearance from Chief Fire Officer.

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

- (i) Zero discharge of effluent.
- (ii) Adoption of Energy Conservation Building Code.
- (iii) 100 % solar water heater arrangement in the Health Care Unit (HCU).
- (iv) All the surface run-off and roof top run-off should be channelized & discharged into surface ponds.
- (v) Installation of Organic Waste Converter for wet garbage.
- (vi) 3-5 rows of native trees to be planted including some mosquito repellant trees.
- (vii) Ground water extraction is subjected to permission from Delhi Jal Board.
- (viii) Bio-Medical Waste should be handled as per Bio-Medical Waste (Management & Handling) Rules, 1998.
- (ix) Directorate of Health Services to adopt the nearby site of DDA for green development.

Case No: 54 (fresh)

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

Project Proponent : Riveria Commercial Developers Pvt. 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 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 26,088.68 m². The Floor Area will be 10,000 m². The Ground Coverage will be 2800 m². The number of floors will be G + 5 with 3 basements. The maximum height of building will be 45 m. The population estimation is 255 persons per day as staff and 3053 persons per day as visitors. The parking facility will be provided for 300 ECS (100 ECS in each basement). Total water requirement will be 146.6 KLD. Fresh water requirement will be 79.7 KLD, which will be met from Municipal supply. Total water demand will be used for domestic purpose (33.6 KLD), flushing (35.2 KLD), filter backwash (5 KLD), cooling (66.6 KLD), water body makeup (1 KLD) and horticulture (5.2 KLD). Total wastewater generation will be 70.4 KLD, which will be treated in on-site Sewage Treatment Plant of 75 KLD capacity. The treated sewage of 66.9 KLD will be used in Flushing (35.2 KLD), Cooling (26.5 KLD) and Horticulture (5.2 KLD). The biodegradable waste generation will be 300 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.

The said project was not appraised by the Committee due to lack of clarification regarding the role of NDMC & DLF in the project execution. However, the representative of M/s Riveria Developer's Ltd. submitted the Concession Agreement between NDMC & M/s Riveria Developer's Ltd. & Memorandum & Articles of Association of M/s Riveria Developer's Ltd. Based on the documents and submissions made by Director NDMC, it was decided that M/s Riveria is the actual proponent and project will be appraised accordingly in the next SEAC meeting.

Case No. 35

Project Name : Construction of Delhi Armed Police Line & residences at Dwarka, Sector 9, New Delhi.

Project Proponent : M/s Delhi Armed Police Line.

The said project has been accorded Environment Clearance vide letter no. 35/DPCC/SEIAA-SEAC/09/510, dated 28.08.2009. However, the project proponent submitted a request for relaxation in the green belt. The Committee sought written justification from the proponent for further consideration.

Case No. 49

Project Name : Environment Clearance for "Wave Hospitality Extended Stay" Hotel complex at Asset Area 12, Hospitality District, Delhi Airport, New Delhi.

Project Proponent : M/s Wave Hospitality Private Limited, C-511, Chittranjan Park, New Delhi-110019

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Case No. 51

Project Name : Construction of Hotel Building for Lemon Tree Hotel and Red Fox Hotel at Asset no. 6, Hospitality District, DIAL, IGI Airport, Delhi.

Project Proponent : M/s Hyacinth Hotels Pvt. Ltd., B6/17, Safdarjung Enclave, New Delhi-110029

The above two cases were appraised by the Committee in the 10th meeting held on 04/09/09. With prior approval of Chairman, the project proponent and the representative of M/s DIAL of both the cases, in compliance to information sought by the Committee in its last meeting clarified & submitted:

- a) Development Agreement of land deals by M/S DIAL.
- b) Development Agreement of M/s DIAL with the Hotel operators.
- c) Details of the project executing agency.

However, both the projects were not appraised by the Committee & will be done after complete submission of information/document sought in last meeting. Besides an affidavit duly signed by DIAL and Lessee that all responsibility of environmental matters will be with Lessee only.

It was decided by the Committee that the next meeting of SEAC will be held on 6th November 2009.

The meeting ended with vote of thanks to the Chair.
