

Minutes of the 8th meeting of State Level Expert Appraisal Committee (SEAC) held on 26.06.09 from 10:00 am to 6:00 pm in the Conference Room of DPCC

The 8th meeting of State Level Expert Appraisal Committee (SEAC) was held on 26-06-09 in the conference room of DPCC under the Chairmanship of Professor C.R. Babu. The following members of SEAC were present in the meeting:

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| 1. Professor Mihir Deb | - Member |
| 2. Professor Subir Kr. Saha | - Member |
| 3. Dr. R.K.Khandal | - Member |
| 4. Dr. A.K. Ambasht | - Secretary |

The Chairman welcomed all members of the Committee, and the committee discussed the minutes of the 7th meeting of the SEAC and the same was confirmed by the members.

The Secretary appraised the Committee that a request was received from M/s NDPL for modifications in three EC conditions for 108 MW Natural Gas based Combined Cycle Power Plant. The Committee requested the Secretary to invite the project proponent to justify for the amendment of three conditions: (i) Change from Natural Draft Cooling Tower to Induced Draft Cooling Tower, (ii) Change in the location of labour colony from the plant premises to a place which is about 1 km away from the plant site, and (iii) Change from Dry Low NOx Burner to Steam Injection Technology, in EC issued to the project proponent. The project proponent explained the reasons for amendments mentioned above and given the same in writing. The committee satisfied the reasons put forward by the project proponent for changes in the above three conditions and agreed to amend these three EC conditions in the following way:

- (i) Induced draft cooling tower should be used in place of natural draft cooling tower.
- (ii) The labour colony should be located in their own land situated about 1 km away from the plant site.
- (iii) Steam Injection Technology should be used in place of Dry Low NOx Burners.

The Secretary informed the Committee that no response has received from the project proponent of Case No. 22 (DLF Towers, Office cum Retail Building at Plot no. 1&2 Najafgarh Road, New Delhi by M/S DLF Retail Developers Ltd. and Case No. 23 (Construction of Proposed Group Housing Project at Keventer Estate, Chanakyapuri, New Delhi by M/S Edward Keventer(Successor) Pvt. Ltd.) although listed for 2nd consideration in the agenda of 6th meeting of SEAC held on 20.04.2009. The Committee decided to drop both the projects from the agenda items from the future meetings and will be considered as and when they submit their applications.

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

Case No. 09

Project Name : Construction of Security Police Lines campus building at Chankyapuri, New Delhi

Project Proponent : M/S CPWD

The proposal was considered by the Committee and the proponent made a presentation on the proposal. The project was earlier considered on 29.12.2008 and 30.01.2009. The proposal is for grant of Environmental Clearance for construction of Security Police Lines campus building at Chankyapuri on a plot area of 22,585.74 sq.mt. The total built-up area is 34,318.59 sq.mt (with one level of basement). The building will have seven floors above Ground Level. The fresh water requirement for the project is 236 m³/day. (Domestic: 156 m³/day, Flushing: 80 m³/day, Gardening: 50 m³/day) Water demand for flushing and gardening shall be met totally from treated sewage from on-site STP. The capacity of STP proposed is 170 m³/day. The total solid waste generation will be 675 kg/day. Total power requirement proposed is 1812KW. The total parking spaces proposed are for 579 ECS (based on 2 ECS/100 sq. m). The total cost of the project is Rs. 76.0 Crores including the Cost of Land.

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. Revised Form 1 & 1A.
- ii. Approval of Building plans by Urban Arts Commission.
- iii. Layout Plan w.r.t location of Sewage Treatment Plant (STP) and Rain Water Harvesting (RWH) structure.
- iv. Details of service line for STP plant, treated waste water recycling and Rain Water Harvesting scheme.
- v. Details of Landscape Plan and green belt.
- vi. Details of Population residing in the campus building.

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

- i. Zero Discharge of effluent
- ii. Construction to be started only after securing linkages for water and power.

Case No. 28

Project Name : 'Park Square' (Formally: Green Acres) Residential complex at Manohar Lal Khurana Marg, (Gaushala Marg). Kishan Ganj, Delhi

Project Proponent : M/S DCM Ltd.

The proposal is for grant of Environmental Clearance for 'Park Square'(Formally: Green Acres) Residential complex at Manohar Lal Khurana Marg, (Gaushala Marg). Kishan Ganj, Delhi. The project was earlier considered on 20.02.2009 and 20.04.2009. Plot area is 108861sq.mt and ground coverage is 17489 sq.mt. Approx. 41 % of the total plot area will be developed as green belt. The total fresh water requirement is 465 KLD which will be met from municipal supply. The waste water of approx. 372 KLD + 200 KLD from flushing (total of 572 KLD) will be treated at STP having capacity of 715 KLD. The treated water of 458 KLD will be used for: a) Flushing – (200 KLD), b) Horticulture – (111 KLD) and c) Cooling). STP based on activated sludge process will be provided for wastewater treatment. 12 stand-by DG sets of 750 KVA capacity will be used for power back-up in the housing complex. The total cost of the project is Rs. 173crores.

During presentation it was mentioned by the project proponent that there was no agreement with MCD in response to a clarification sought by the Committee. It was decided by the committee to get details from MCD to ascertain the correctness of the statement made by the project proponent and place it before the committee in the next meeting.

Based on the informations furnished, presentation made and discussions held, the Committee decided to **recommend the project to SEIAA for EC** only after examining the details obtained from MCD, action plan for Corporate Social Responsibility with budget, mitigation measures proposed for control high levels of noise pollution and linkages for water and power.

Case No. 31

Project Name : Proposed Max Hospital Project at FC-50, Shalimar Bagh, C&D Block, Delhi
Project Proponent : M/S Max Healthcare Institute Ltd.

The proposal is for grant of Environmental Clearance for the Max Hospital Project at FC-50, Shalimar Bagh, C&D Block, Delhi. The project was earlier considered on 20.02.2009 and 20.04.2009. Plot area is 10,000sq.mt and built-up area is 27,447 sq.mt. with ground floor + 9 floors(max) and two basements. The proposed project will have 207 ECS at the surface perking and 78+86=164 ECS at the basement parking, making a total of 371 ECS. The total water requirement is 269 KLD, out of which 145 KLD will be fresh water for domestic use, and this will be met from municipal supply, and rest of 124 KLD will be from recycled treated waste water. The total wastewater generated will be 125 KLD. STP of 157 KLD capacity will be provided for wastewater treatment and treated wastewater will be utilized for toilet flushing, cooling and horticulture. 2 DG sets of 1000 KVA and one of 500 KVA will be provided for power backup. The total solid waste generation will be 522.5 Kg/day. Green Area proposed is 1503.31 sq.mt. The total cost of the project is Rs. 136.17 crores.

Based on the information furnished, presentations made and discussion held the committee decided to get the following documents by the project proponent: -

- i. Layout plan showing the location of the proposed site and existing buildings located along the railway line.
- ii. Action plan for Corporate Social Responsibility with budget.
- iii. Details of fauna in the 3 km radius buffer zone.

Case No. 33

Project Name : C/o venue for Automated Multilevel Car Parking cum Commercial Complex at Kamala Nagar

Project Proponent : M/s SMS Infrastructure Ltd

The proposal is for grant of Environmental Clearance for “C/o venue for Automated Multilevel Car Parking cum Commercial Complex” at Kamla Nagar. The project was earlier considered on 20.03.2009 and 15.05.2009. The total plot area of the project is 3195.195 m² with total built-up area of 25561.56 m². The proposed building will have Ground + 2 no. of floors and 7 basements. Total water demand during the operation stage will be 32 KLD that will generate waste water around 29 KLD. This wastewater will be drained down to MCD sewer trunk which will be treated in existing Wazirabad STP. It is proposed that the landscape and green shelterbelt will be 850 m². Total parking space proposed are for 828 cars and 200 two wheelers. The maximum power demand will be about 800 KW and will be supplied by NDPL. To serve the requirement of power back up 2 no. of 500 KVA DG sets shall be installed at terrace. Total solid waste generation (Biodegradable & Non-biodegradable) will be 115.2 kg/day, which will be disposed at nearest dumping ‘Dhalao’ of MCD. The total cost of the project is Rs.160 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. Transportation planning as approved by a Competent Transport planner.
- ii. Layout Plan for planting trees within Kamala Nagar.
- iii. Action plan for Corporate Social Responsibility with budget.

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

- i. Seventh floor of the complex, left for future expansion, to be utilized for car parking only.
- ii. Compensatory afforestation at MCD landfill site should be done.
- iii. About 400 trees to be planted within Kamla Nagar and Shakti Nagar awas.
- iv. Installation of on-site Organic Waste Converter for wet garbage management.

Case No. 34

Project Name : Redevelopment of “LADY HARDINGE” Medical College & Associated Hospital at Shaheed Bhagat Singh Marg, New Delhi

Project Proponent : Director, Lady Hardinge Medical College & Associated Hospitals, New Delhi

The proposal is for grant of Environmental Clearance for “Redevelopment of “LADY HARDINGE” Medical College & Associated Hospital” at Shaheed Bhagat Singh Marg, New Delhi on a plot area of 2,75,811.71 m². The project was earlier considered on 20.03.2009. Total built-up area (including structure to be retained) is 3,30,128.94 m². Area to be provided for Landscape is 1,42,927.67 m². Parking facility will be provided for 7198 ECS. Total power requirement for the hospital is 20.007 MW. It is proposed to install 10 DG sets out of which 8 D.G Sets (7 D.G Sets of 2000 KVA capacity + 1 D.G Set of 1000 KVA) will be provided for the entire institutional part and 2 D.G Sets of 65 KVA capacity will be provided to residential building. The total fresh water requirement of the proposed project is 1303 CMD, which will be met through the municipal water supply. This quantity of fresh water will be utilized for domestic use. Waste water generation will be 1421 CMD (1043 CMD from domestic use + 378 CMD from flushing). This waste water will be treated at the proposed STP of capacity 1500 CMD. The water recovered from the on site STP is about 1411 CMD and will be used for make up water for cooling (300 CMD), Gardening (715 CMD) and Flushing (378 CMD). The total solid waste generated will be 2521 kg/day and bio-medical waste generated will be 37,500 kg/month. 27 pits for Rain Water Harvesting have already functioning at the premises and it is proposed to provide 9 more pits at the site for harvesting the rain water. The total cost of the project is 257.48 crores.

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

- i. Resubmission of total proposed built-up area details.
- ii. Water consumption details from bore wells and NDMC water supply.
- iii. Layout Plan indicating parking area.
- iv. Details of heritage structures enlisted with ASI.
- v. Construction and Demolition Waste Management Plan.
- vi. Details of storage for Diesel & location on site plan.

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

- i. Construction to be completed within 10 years.
- ii. Installation of ETP plant along with STP.
- iii. Effective management of Bio-medical waste as per Bio-medical waste (Management and Handling) Rules, 1998.
- iv. Regular air monitoring during construction phase with the submission of monitoring report submission to DPCC quarterly.

- v. Local native species should be included in the development of green cover.

Case No. 36

Project Name : Business Hotel at Dwarka, Sector-21, Metro Station Complex, New Delhi

Project Proponent : Delhi Metro Rail Corporation Ltd.

The proposal is for grant of Environmental Clearance for “Construction of Business Hotel at Dwarka, Sector-21, Metro Station Complex, New Delhi”. The project was earlier considered on 20.03.2009 and 15.05.2009. Plot area is 29,999 m² and consists of 3 basements + GF + 6 upper floors + 1 transfer floor. There will be 400 guest rooms. The proposed built-up area as per FAR is 43,891 m² and total construction built up area (FAR + non FAR area) is 85883 m². Landscaping area is 4500 m². Parking facility will be provided in 27,658 m². Total parking proposed is for 1328 ECS + 3 Bus Parking. Parking facility is provided in 3 basements (3 level basements). Total power requirement during operation phase will be 6515 KVA and 3 DG sets of 1250 KVA will be provided for power back up during electricity failure. The total domestic water requirement will be 709 m³/day. The fresh water requirement for operation phase will be about 410 m³/day, which will be met through water supply from NDJB. About 372 m³/day of waste water to be generated during the operation phase will be treated at on-site STP of capacity 500 m³/day. The treated sewage (about 334 m³/day) from STP shall be recycled and reused for flushing, HVAC and landscaping purposes. No waste water will be discharged into sewer. Total waste generation will be 2204 kg/day. Out of this total, wet garbage of 1424 kg/day and dry garbage of 527 kg/day will be generated. Wet garbage will be passed through waste pulverizer, through which 70% of the waste is converted as liquid and rest solid residue will be used for compost. To conserve rain water, rainwater harvesting using 9 percolation pits/borewells having 0.6 x 0.6 m size & 20m depth each, is proposed. The total cost of the project is Rs. 320 crores.

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

- i. Regular air monitoring during construction phase and submission of the data to DPCC quarterly.
- ii. In lieu of high SPM & RSPM levels at site, proper mitigation measures should be adopted for controlling dust emission during construction phase.
- iii. Installation of on-site solar steam generator if it is feasible.

Case No. 38

Project Name : Construction of 240 DU's Multi-storey Housing Pocket at Pocket E, Bakkarwala

Project Proponent : Executive Engineer, DDA, Eastern Division No.3,
I-Pocket, Dilshad Garden, Delhi-95

The proposal is for grant of Environmental Clearance for the Construction of 240 DU's Multi-storey Housing Pocket at Pocket E, Bakkarwala, Loknaya Puram, New Delhi. The project was earlier considered on 20.03.2009. Plot area is 14,840 m². The proposed built up area is 24781.20 m² and FAR is 166 m². The Ground coverage for the proposed construction is 4897.2 m² @ 33%. The numbers of floors proposed are Ground + 10. The proposed parking facility is for 346 ECS. The green shelter belt will be developed in an area of 4400 m². The total power requirement for the project is 1600 KW which will be supplied by BSES. 2 DG sets of 500 KVA and 1 DG set of 750 KVA will be provided for power back up. The total water requirement will be 146 KLD which has been done on the basis of 135 lpcd. Source of water supply will be DJB and ground water. The water table in the area is 1.2m, which is quite high. DJB has granted permission for the use of ground water in case the municipal supply will not be sufficient to meet the demand. 131 KLD of waste-water will be discharged to the proposed SPS (located at Bakkarwala) housing of capacity 8.38 cusec and then finally to STP at Nilothi for further treatment. Rainwater harvesting is not proposed as the ground water level is very shallow. Expected quantum of solid waste generated due to the project operation is 117 KLD consisting of bio-degradable and degradable in the same proportion. The proposed project is likely to be completed in 2 years and cost is about Rs. 45 crores.

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

- i. Native species should be planted as a part of the greens.
- ii. Storm water and surface rainwater should be channelised into a surface water body which should be a part of landscape.
- iii. Continues monitoring of ground water quality.

Case No. 44

Project Name : Proposed Construction of Tata Communications Internet Data Center (IDC) Building at VSNL Complex at G.K.-1, New Delhi

Project Proponent : M/s Tata Communications Ltd.

The proposal is for grant of Environmental Clearance for the Construction of Tata Communications Internet Data Center (IDC) Building at VSNL Complex at G.K.-1, New Delhi. The plot area is 466,879.31 sq.mt. The built-up area of the proposed building is 18,586.116 sq.mt (17,829 sq.mt. FAR area + 756.616 sq.mt. non FAR area) and of the existing building is 12379.72 sq.mt. The maximum permissible height is 26 meters. The ground coverage area of existing buildings is 3886.85 sq.mt and that of proposed building is 4414.236 sq.mt. Open area is 86,581.444 sq.mt. The area provided for the surface parking (hardscaped) is 13,935.0 sq.mt. The construction period is about 12 months.

Floor wise area details for the proposed building are: Ground Floor area is 4414.236 sq.mt. and 1st – 5th floors have area of 2843.66 sq.mt. The Domestic Water Requirement is 13 m³/day. Flushing and Non-Domestic Water Requirement is 11 m³/day. Water Requirement for DG Cooling Tower Make-up is 10 m³/day and for Gardening it is 50 m³/day. Waste water quantity is 23 m³/day and will be treated at on-site STP with capacity of 25 m³/day. 125m³ of water will be preserved for fire fighting purpose in the premises. The total electrical connected load for the existing building is 2140.71 KW and that of proposed building is 8780 KW. The max. power demand for existing building is 1672 KW and that of proposed building is 7724 KW. The source of power for existing and proposed buildings is BSES – Rajdhani. 5 D.G. sets are used for existing building (2 sets of 350 KVA + 3 sets of 1250 KVA). The proposed building will install 5 D.G. sets of 2000 KVA. Fire Water Static Storage Requirement will be made through underground tanks – 1 No. having capacity of another 125,000lts and overhead tank on the terrace having 20,000lts capacity. Parking space required is for 590 ECS and surface parking will accomodate 606 ECS. Five rainwater collecting pits will be provided in the complex and the depth of artificial recharging pits is about 40 meter. Solid waste generation from the proposed project will be about 400 kg/day. The estimated cost of project is Rs. 65 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 proponent appraised the Committee that the said project is an expansion project at VSNL Complex. The Committee sought the following information from the project proponent for its further consideration:-

- i. Revised Form 1 & 1A.
- ii. Approval of Urban Arts Commission.
- iii. Revised Landscape Plan.
- iv. Re-examine the sheer wall structure stability.
- v. Examine the feasibility to create a surface pond within the site. All the water from Rain Water Harvesting structure to be discharged into the surface pond along with the storm water.
- vi. Revised Parking Plan.
- vii. Re-submit details of fire fighting system.
- viii. Action Plan for Corporate Social Responsibility with budget.

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

- i. No ground water extraction.
- ii. Extensive Tree plantation within the site.
- iii. Enrich the native forest species in the green areas.
- iv. False ceiling should be avoided.

The meeting ended with vote of thanks to the Chair.
