Minutes of the 6th meeting of State Level Expert Appraisal Committee(SEAC) held on 20.04.09 from 10:00 am to 6:00 pm in the Conference Room of DPCC

The 6th meeting of State Level Expert Appraisal Committee (SEAC) was held on 20-04-09 in the conference room of DPCC. The meeting was held under the Chairmanship of Professor C.R. Babu. The following members of SEAC were present in the meeting:

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

Dr. T.K.Joshi and Dr. D.D. Basu also attended the meeting as special invitee. Dr. Anil Kumar of the Departmant of Environment and Dr. M.P George of DPCC also assisted the Committee.

The Chairman welcomed all members of the Committee. Before starting of the meeting, the committee discussed the minutes of the 4th meeting of the SEAC and the same was confirmed by the members.

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

Case No. 14

Project Name : Construction of Office cum Shopping Mall, at Plot No.7, Jasola, Delhi.

Project Proponent : M/s. Brightways Housing and Land Development Ltd.

The proposal was re-considered by the Committee and the proponent made a presentation on the information sought by the Committee. The proposal is for grant of Environmental Clearance for the Construction of Office cum Shopping Mall, at Plot No.7, Jasola, Delhi, on plot area of 5,198 sq.mt; the total built-up area is 21,776.073 sq.mt with G + 6 Floors. The FAR of the project is 10360.669 sq.mt. and the total basement area is 10,733.184 sq.mt (3 levels). The proposed project will have 3 level basement parking of 210 cars and 153 T/W. The total daily domestic water requirement is 71.85 KLD and fresh water requirement is 23.95 KLD, the requirement of which will be met from DJB. The total wastewater generated is 64.669 KLD which will be treated through proposed STP of 80 KL capacity to be developed within the premises. The treated wastewater i.e., 58.19

KLD will be recycled for flushing (47.9 KLD), HVAC (11.29 KLD), and horticulture (7.5 KLD). The proposed project has provision for storage of roof rain water for meeting the domestic non-flushing during rainy days. The roof water after filtration and disinfection will be used for meeting the non-flushing requirement. Total power requirement is 57600 KVA/day which will be supplied by BSES. DG sets of 1 x 500 KVA + 1 x 750 KVA + 1x 1500 KVA is included for power backup. The total solid waste generation during operation phase will be 274 Kg/day. The total cost of the project is Rs. 65.95 crores.

Based on the information furnished, presentation made and discussions held, the Committee decided to recommend the proposal to SEIAA for Environmental Clearance subject to making available following documents to the Member Secretary SEAC and their verification:

i) Proof of linkage for water and power requirement.
ii) Detailed design of rain-water harvesting system.
iii) Confirmation of the data submitted on the surface and Sub-surface water quality.
iv) Building Envelope Design details with U & R values.
v) Affidavit for no use of bore-well water.
vi) Agreement with the CPCB empanelled recyclers for disposal of hazardous waste oil used in D.G Sets.
vii) Details of green belt development with native trees.
viii) Confirmation of Corporate Social Responsibility of 1.5 Lakh as capital grant and Rs. 75,000 as annual recurring grant.

The above details were made available to the member secretary on 23.04.2009 and were in order hence Committee recommended the case to SEIAA for EC with following conditions:

i) Hazardous waste should be identified and stored and managed as per Hazardous Waste (Management and Handling) Rules 2000 and as amended to date.
ii) Air, water and noise quality data should be monitored as per schedule given in the EMP.
iii) Disposal of e-waste as per MoEF/CPCB norms.
iv) Zero Discharge of effluent.
v) Suitable penalty for violating the environmental laws for not taking EC prior to construction. The matter is subjudice in court with DPCC and case has been considered in SEAC as per court direction.

Case No. 20

Project Name **:** Internal Renovations of the existing Hotel Ashok Yatri Niwas built by India Tourism Development Corporation Ltd.

from 1979 to 1982 at Plot No. 19, Ashok Road, New Delhi-110001.

Project Proponent : M/s. Hotel Queen Road Pvt. Ltd., 19 Ashoka Road, New Delhi

The name of project has been changed from Hotel Queen Road Pvt. Ltd. to Internal Renovations of the existing Hotel Ashok Yatri Niwas built by India Tourism Development Corporation Ltd. from 1979 to 1982 at Plot No. 19, Ashok Road, New Delhi-110001. The proposal was re-considered by the Committee and the proponent, as per information submitted in Form-1 for Environmental Clearance, gave point wise clarification to the information sought by the Committee in its 3rd meeting held on 30.01.2009. The proposal is for grant of Environmental Clearance for Internal Renovations of the existing Hotel Ashok Yatri Niwas built by India Tourism Development Corporation Ltd. From 1979 to 1982 at Plot No. 19, Ashok Road, New Delhi-110001 on plot area of 7120.70 m^2. The total built up area for the proposed project is 20,991 m^2. Total water requirement will be 75 KLD which will be met through municipal supply. Sewage and wastewater is treated through STP. About 1 kg/day dried sludge is generated from STP within complex and this sludge passes through filter process and then used as manure in green area. Electric load of 1940 KW existed before the internal renovations were undertaken in 2002. Since, there is hardly any power failure at the complex, DG Sets are very rarely used. 50 kg/day of municipal waste is expected to be generated during operation phase.

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 requirements for Environmental Clearance. The Committee sought the following information from the project proponent for re-consideration of the project in the next meeting: -

i) Details of trees/shrubs to be planted.
ii) Details of Landscape plan.
iii) Layout Plan for Roof top area.
iv) Detailed plan of Rain Water Harvesting System.
v) Detailed plan of Solid Waste Management.
vi) Details of LED's used for lighting purpose.
vii) Details of Noise Monitoring Data.
viii) Details of Environment Management Plan.
ix) Details of Disaster Management Plan.
x) Project cost details.
xi) Details of Water Balance.
xii) Details of E-waste Management.

The Committee also decided that the following conditions should be laid down at the time grant of Environmental Clearance to the project: -

i) Zero Discharge of effluent.

ii) Investment of Rs. 2 lakhs/annum as Capital Grant and Rs. 50,000 as Annual Grant for activities under Corporate Social Responsibility Scheme.

iii) Enhancement of Solar Water Heating Capacity from 2000 LPD to 7000 LPD during next six months.

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., 6th Floor, Vikrant Tower, 4 Rajendra Palace, New Delhi-110008

The proposal was re-considered by the Committee and the proponent made a presentation on the proposal. The proposal is for the grant of Environmental Clearance for 'Park Square'(Formally: Green Acres) Residential complex at Manohar Lal Khurana Marg, (Gaushala Marg). Kishan Ganj. The plot area of the project is 10,8861 sq mt with total built-up area (including basement) of 1,35,373.65 sq mt and proposed F.A.R. of 1,24,093.27 sq mt. The group housing project will have 1077 number of dwelling units in 14 no. of blocks/towers. Area proposed under green belt is 44,607.26 sq mt. The total power requirement of this proposed complex is 9000 KVA. 12 DG Sets of 750 KVA will be provided for power back-up during electricity failure. The total water requirement is 776 KLD. About 572 KLD of estimated wastewater (sewage) to be generated from the proposed project will be treated at the on-site STP of 715 KLD. Treated wastewater of 458 KLD will be utilized for horticulture, flushing and other recreational activities. The total solid waste generation will be 2496 kg/day. Wet garbage will be subjected to in-vessel vermicomposting. Parking facility is provided on surface, in the basement and under stilts for total of 2481 ECS. The total cost of the project is Rs 173 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 requirements for Environmental Clearance. The Committee sought the following information from the project proponent for further consideration: -

i) Re-examination of the surface water quality data.

ii) Re-examination of Noise Level Data.
iii) Details of Fire Evacuation
iv) Approval of Urban Arts Commission.
v) Linkage for power supply.
vi) CGWA approval for extraction ground water.
vii) Details of Corporate Social Responsibility Scheme.

The Committee also decided that the following conditions should be laid down at the time of issuing EC to the project:-

i) Project boundary should be at least 500 mtrs away from the railway line.

Case No. 31

Project Name **:** Proposed Max Hospital at FC-50, Shalimar Bagh, C&D Block, Delhi

Project Proponent : M/S Max Healthcare Institute Ltd., Max House, Okhla, New Delhi-110020

The proposal was re-considered by the Committee and the proponent made a presentation on the information sought by the Committee. The proposal is for the grant of Environmental Clearance for the proposed Max Hospital having 300 beds, at FC-50, Shalimar Bagh, C&D Block. The plot area of the project is 10,000 sq mt with total built-up area (including basement) of 27,447 sq mt and proposed F.A.R. of 18,886.40 sq mt. The building will have two basements + ground + 9 floors (maximum). Height of the building is 37 mtrs. Area proposed under green belt is 1503 sq mt. The total power requirement of this proposed complex is 2200 KVA. Two DG Sets of 1000 KVA and one 500 KVA will be provided for power back-up during electricity failure. The total water requirement is 293 KLD. About 157 KLD of estimated wastewater (sewage) to be generated from the proposed project will be treated in the on-site STP of 190 KLD. Treated wastewater of 141 KLD will be utilized for flushing (51 KLD), horticulture (4 KLD), and HVAC Cooling (86 KLD). The total solid waste will be 670 kg/day including 113 Kg/day of bio-medical waste. Parking facility is provided on surface as well as in two basements for total of 378 ECS. The total cost of the project is Rs 136.14 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) Details of the fauna of the area.
ii) NOC from the Chief Fire Officer.
iii) Linkages for water supply.

iv) Detailed plan of STP.

v) Details of Green belt.

vi) CGWA permission for extraction of ground water.

vii) Details of e-waste management.

The Committee also decided that the following conditions should be laid down at the time of EC to the project: -

i) Project boundary should be 500 mtrs away from railway line and minimum 200 mtrs away from urban settlement.

ii) Zero discharge of effluent.

iii) Greening of building through development of terrace/roof garden and energy conservation FACADS.

iv) Investment of Rs. 20 lakhs as 'One-time' Grant and Rs. 10 lakhs as Recurring Grant for activities under Corporate Social Responsibility Scheme.

Case No. 32

Project Name **:** Proposed Medical College and Extention of E.S.I.C. Hospital at Basai Darapur, Ring Road, New Delhi-110015

Project Proponent : Medical Superindent, Employees's State Insurance Hospital, Basaidarpur, Ring Road, New Delhi-110015

The proposal was re-considered by the Committee and the proponent made a presentation on the information sought by the Committee. The proposal is for grant of Environmental Clearance for the proposed Medical College and Extension of Employees State Insurance Corporation (E.S.I.C) Hospital at Basaidarapur, Ring Road, on a plot area of 31.61 acres with total built-up area of 2,34,490.51 sq mt. Proposed F.A.R. for the project is 1,98,573.10 sq mt. The project will have provision of 1,148 no. of beds. The proposed number of floors includes lower basement + upper basement + ground floor + 13 floors. Maximum height of the building is 49.30 mts. The proposed green area is 52,649.07 sq mt. Total daily water consumption for A+B+C+D Blocks is 677.28 KL and for Residential Block is 386.10 KL and this makes total water requirement as 1063.38 KLD. The total wastewater from A+B+C+D Blocks is 609.55 KL and from Residential Block it is 347.49 KL and this makes total waste water generated from the project as to total of 957.94 KLD. The wastewater will be treated at the on-site proposed STP of 1100 KLD capacity. The total power requirement for the hospital block is 9,565 KVA and residential block is 3,244 KVA. The total domestic solid waste of 2.6 MT/day and bio-medical waste of 0.5 MT/day will be generated from the proposed complex. The project will have provision for DG sets of 1010 KVA, 160 KVA X2, 125 KVA X2 and 63 KVA for standby

arrangement of electricity. Parking facility will be provided on surface as well as in both the basements for a total of 988 ECS in hospital block and for 1084 ECS in Residential Block. The total cost of the project is Rs 637 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 project proponent:-

i) Details of Landuse.
ii) Details of Landscape Plan and green belt.
iii) Linkages for water and power.
iv) Details of Solid waste and Bio-medical waste management.
v) Re-examination of the parking area.

The Committee also decided that the following conditions should be laid down at the time of issuing EC to the project: -

i) Zero discharge of effluents.
ii) Monitoring of water quality used for drinking.
iii) Monitoring of Ambient Air Quality once in a week during the demolition period.

Case No. 39

Project Name **:** Expansion of Hotel Project at Plot No.1, Community Centre, Okhla, Phase-I, New Delhi- 110020

Project Proponent : M/s Today Hotels (New Delhi) Pvt. Ltd. 16th Floor Statesman House, Barahkhamba Road, New Delhi.

The proponent made a presentation on the proposal. The proposal is for grant of Environmental Clearance for Expansion of Hotel Project at Plot No.1, Community Centre, Okhla, Phase-I, New Delhi-110020, on plot area of 8970 m^2 consisting of 3 basements + 10 floors. Basement area will be 16036.72 m^2. The number of rooms in a Hotel will be 219 and number of restaurants will be 2. The built up area is 36,588 m^2 .The proposed parking facility is for 607 cars. Total car parking area is 15101.63 m^2. The total green area will be 719 m^2. The landscape area for the project will be 2691 m^2. The total power requirement for the project is 3200 KVA. 2 DG sets of 1650 KVA capacity will be provided for 100% power back up. The total water requirement is estimated to be 250 KLD which will be supplied by municipal water supply. The wastewater generated will be treated in STP of 280 KLD capacity based on FAB Technology. 178 KLD of recycled waste water will be used in cooling, flushing, gardening and horticulture. Sludge from STP (1.18 kg/day) shall be used as manure for the gardening puposes. Expected quantum of solid waste generated due to the project operation is 608 kg/day. The rainwater harvesting will be done to recharge the ground water through 3

recharge pits. Total recharge will be 3115.42 KL/yr. The total cost of the project Rs. 123.83 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 requirements for Environmental Clearance. The Committee sought the following information from the project proponent for re-consideration of the project in the next meeting: -

i) Details of Conceptual Plan.
ii) Details on Ground water quality.
iii) Details of Environment Monitoring Plan with budget for construction and operation phase.
iv) Details of Disaster Management Plan (Emergency Plans).
v) Details of Baseline data on Air and water quality and Nose level.
vi) Details of Water Balance.
vii) Details of Environment Management Plan.

Case No. 40

Project Name **:** Construction of Deen Dayal Upadhyaya College Project at Sector-3, Dwarka, New Delhi

Project Proponent : Deen Dayal Upadhyaya College, Shivaji Marg, Karampura, New Delhi- 110015

The proponent made a presentation on the proposal. The proposal is for grant of Environmental Clearance for Construction of Deen Dayal Upadhyaya College Project at Sector-3, Dwarka, New Delhi on plot area of 30909.97 m^2. The proposed coverage area of buildings at ground floor is 6599.757 m^2. The project includes the construction of 6 floors above ground level for college building and 1 level basement. The proposed maximum height achieved will be 33.15 m. Proposed FAR is 41556.023 m^2. The total built up area (including basement area) for the proposed project is 51,027.853 m^2. Proposed landscape and green area will be 18128.219 m^2. It is proposed to provide as total ECS of 617 in the 1 level basement and surface in the complex. The total area covered under one level basement is 5800 m^2 and under surface parking is 10028 m^2. Total water requirement during the operation phase will be 342 m^3/day, which will provided by DJB. Only in case of non-supply of municipal water, use of ground water will be made after treating it in RO purifiers. Non-potable use of water for toilet flushing, gardening and cooling tower will be partly met through treated recycled water from the proposed STP to be commissioned on-site. Waste water generation is estimated to be 14700 litres/day and will be treated in on-site STP of capacity 150 m^3/day .The sludge generated from the STP (60-75 kg/day) will

be taken through filter press and used for the horticulture purpose within and outside the campus. Power demand is estimated to be about 2960 KW. As per the BSES, 11 KV HT city power supply is provided for the projects in Dwarka for demand load up to 5.5 MVA and 66 KV for larger requirements. 2 DG sets of 500 KVA will be provided for power back up. Total solid waste generation will be 310 kg/day. The estimated cost of the project including construction and machinery is expected to be Rs.100 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) Re-examination of Ambient Air and Noise Quality Data.
ii) Re-examination of the windrose Diagram and related data.
iii) Details on e-waste management.
iv) Linkage for power.
v) Information on the Basement Parking area.
vi) Details on the compensation for workers.
vii) List of trees to be planted.

The Committee also decided that the following conditions should be laid down at the time of issuing EC to the project: -

i) Zero discharge of effluents.
ii) Construction of small R.C.C Tank, for collection of wastewater from chemistry laboratories for necessary pre-treatment.
iii) Collection of storm water for use in non-drinking purpose.

Case No. 41

Project Name : Laying of Interceptor Sewer along Najafgarh, Supplementary and Shahdara Drains for Abatement of Pollution in River Yamuna

Project Proponent : M/s Delhi Jal Board, Govt. of NCT Delhi, Varunalaya Phase-II, Jandewalan, Delhi-110005

The proponent made a presentation on the proposal. Delhi Jal Board is implementing the Interceptor Sewer System along Najafgarh, Supplementary and Shahdara, in Delhi. The project planned for abatement of pollution in River Yamuna as per the recommendations of Expert Committee appointed by Hon'ble Supreme Court in the 'Maily Yamuna' case. **The project, essentially, consists**

of commissioning of wastewater intercepting chambers on the sub-drains of three major drains, laying interceptor sewers using trenchless technology for conveyance of the intercepted wastewater and then its pumping via rising mains from pumping stations up to sewage treatment plants. The major construction like the Interceptor Sewers (0.1 Ha), Intercepting Chambers (2.9 Ha) and New Pumping Stations (9.9 Ha) covering total of 12.9 hectares will be done along the corridors of main drains in designated land use areas only of the selected drains. Intercepting Chambers consist of sub components like Float booms/Trash Racks, Adjustable weir structure at sub-drain outfall, Intercepting Sewer Connector; Interceptor Sewers and Manholes consist of sub components like Interceptor Sewers and manholes along alignment of Interceptor Sewers; and Pumping Stations and Rising mains consist of Pumping Stations and Rising mains. Chamber construction includes float boom systems for trapping floatables, adjustable weirs, overflow chambers, screen chamber with screen cleaning system, grit chamber for grit removal, outlet chamber, and intercepting sewer connection. Interceptor sewer costs are based on micro-tunneling and pipe-jacking.

This project includes the installation of new sewer lines where sewage network does not exist to trap sewage flows in surface drains and augmentation of new sewage treatment plants (STP) and construction of pumping stations (NPS) for conveyance of the intercepted flows into the STPs. Interceptor Sewers are predominantly aligned along the main drains, within the embankment boundaries, away from residential areas. Stakeholders involved with implementation/planning & operation of this project are: Irrigation & Flood Control Deptt., MCD, DDA, DSIIDC, DPCC, Delhi police and Traffic Police. Although government of Haryana and government of U.P are also the stakeholders but the present project does not cover both the States. Monitoring of project will be done by DJB. Land for laying of Interceptor Sewers and Intercepting Chambers along banks of main drain is from I & FC Deptt and for New Pumping Stations construction designated land from DJB/DDA shall be utilized. For crossing of railways, metro lines and highways falling within proposed project site, clearances from the authorities responsible for these areas will be taken. The construction work has been divided in to 6 packages, namely Package 1– Dwarka; Package 2 – Nilothi Keshopur; Package 3 – Coronation Pillar; Package 4 – Rithala Rohini; Package 5 – Shahdara North and Package 6 – Shahdara South. The construction will proceed concurrently on all locations. The interceptor length is 58 kms with 132 numbers of Intercepting chambers, 16 kms of Rising Mains and 7 numbers of Sewage Pumping Stations. DG set to be used during power failure. The total expected cost of the project is Rs 1726 Crores.

Before the presentation by the project proponent, the committee confirmed from the project proponent cleared that it is not an inter-state project and is exclusively for NCT Delhi.

The Committee constituted a sub-committee consisting of Dr. R.K.Khandal, Professor Subir Kr. Saha, and Dr. D.D. Basu to make a site visit for further assessment of the practical feasibility of the project. The sub-committee is expected to submit its observations in the next meeting of the Committee.

The Committee desires to have the following information:

i) Details of STP augmentation.
ii) Examine the feasibility to separate drain water from storm water.
iii) Detailed method of disposal of de-silted material.
iv) Details of Location for dumping of excavated soil.
v) Details of Health and Safety Plan.
vi) Details of Environment Management Plan with budget.
vii) Clarification on the details of project cost.

Based on the documents submitted, presentation made and discussion held, the committee decided to recommended the project to SEIAA for EC subject to submission of the additional documents asked for and final outcome of the site visit by the sub-committee.

The Committee also decided that the following conditions should be laid down at the time of issuing Environmental Clearance to the project: -

i) Regular monitoring and inspection to be carried out during laying down of pipelines.
ii) Checking norms of quality/ codes i.e. BIS and Japanese Standards.
i) Plantation near the main-hole points.
ii) Waste should not be dumped in the low-lying areas.
iii) Submission of water quality monitoring data to DPCC.
iv) Preparation of work and Quality manual.

It was decided by the Committee that the next meeting of SEAC will be held on 15/05/2009.

The meeting ended with vote of thanks to the Chair.

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