

Minutes of the 24th meeting of State Level Expert Appraisal Committee (SEAC) held on 29.10.2010 from 10:00 am to 6:00 pm in the Conference Room of DPCC

The 24th meeting of State Level Expert Appraisal Committee (SEAC) was held on 29-10-2010 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. | Dr. A.K. Ambasht | - | Secretary |
| 2. | Professor Subir Kr. Saha | - | Member |
| 3. | Professor Mihir Deb | - | Member |
| 4. | Sh. Amarjeet Singh | - | Member |
| 5. | Prof. Malarvizhi | - | Member |

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

The Chairman welcomed members of the Committee. The minutes of the 23rd meeting of the SEAC was confirmed by the members.

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

Case No. 93

Project Name: Environmental Clearance for "Proposed Prefab EWS Housing" at Pocket-8, Sector-23B, Dwarka, New Delhi.

Project proponent: M/s DDA

Project Consultant: Shri Environmental Technology Institute

The proposal is for grant of Environmental Clearance for the proposed Prefab EWS housing at Pocket-8, Sector 23B, Daraka, New Delhi, on the total plot area of 54500 sq. meters and Net plot area (housing) is 50000 sq.mt. The proposed built up area is 78488 sq. meters. The Permissible maximum FAR is 100000 sq.mt. The proposed FAR is 78488 m² (156.98%). The number of dwelling units proposed is 2420 that provide shelter to 12100 persons. Number of building blocks proposed is 41. The proposed density achieved is 484 m². The Permissible maximum Ground Coverage is 20000 sq.mt. The proposed ground coverage is 15697.6 m² (31.40%). The proposed height of the building is 14.475 m. The proposed total green area is 21191 m². It proposes to provide parking of 396 ECS. The total water requirement is 2828.5 KLD (Drinking-907.5KLD+ Domestic-1815 KLD+ Horticulture-105.955 KLD). The source of water is Ground water extraction and also DDA/DJB. In case STP is installed, treated effluent from STP will be recycled and used for horticulture but as per DDA guidelines

permission will be granted for discharge in sewer by DJB. The quantity of wastewater generated would be 2400 KLD. 2 No. of underground tank of 225 KL are proposed for storing drinking water and 2 no. of 450 KL are proposed for storing domestic water. The power requirement for the project is about 2894 KVA and will be supplied by BSES/NDPL. A DG Set of 50 KVA is proposed as back-up for the purpose of water supply. Total Solid waste generation from the proposed project is 4840kg/day. No. of RWH pits proposed is 6.

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 from the project proponent for its further consideration:

- (i) Zonal Development Plan of Dwarka along with its Environmental Clearance status.
- (ii) Present sector-wise scenario with respect to population density, constructed projects, solid waste generation & management, green area, sewerage plans, road network etc.
- (iii) Revised Form 1&1A with change in project title and contact details.
- (iv) Cost of Project.
- (v) Conceptual Plan.
- (vi) Information of existing features within 10 km radius of the site.
- (vii) Prefab Technology details with information of projects where applied.
- (i) Details of Layout Plans for infrastructure and social facilities.
- (ii) A-1 size Building (floors wise) plans.
- (iii) Number of Floors.
- (iv) Revised Green belt and landscape Plans.
- (v) Clearance from Airport Authority of India for building height and DGCA regarding development.
- (vi) Solid waste generation and management plans.
- (vii) Geotechnical Report.
- (viii) Revised ambient Noise monitoring report with date and season of monitoring.
- (ix) Ambient Air and water quality monitoring report with date and season of monitoring
- (x) Comparison of Ambient Air quality monitored data with available secondary data.
- (xi) Revised EMP with budget.
- (xii) Power demand and its linkage
- (xiii) Revised Water balance chart.
- (xiv) STP details with location and capacity and plan for recycle and reuse of treated wastewater.

- (xv) Disaster mitigation plans.
- (xvi) DG set details with location and stack height.

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

- (i) Storage of roof top runoff in underground tanks for reuse after treatment.
- (ii) No groundwater usage during construction and operation phase.
- (iii) Organic waste generated should be converted to compost or biogas by appropriate technology.
- (iv) Zero discharge of waste water.
- (v) Adoption of Energy Conservation Building Code.

Case No. 94

Project Name: Environmental Clearance for Proposed Prefab EWS Housing” at Pocket III, Sector- G8, Narela, New Delhi.

Project proponent: M/s DDA

Project Consultant: Shri Environmental Technology Institute

The proposal is for grant of Environmental Clearance for the proposed Prefab EWS housing at Pocket-III, Sector G 8, Narela, New Delhi, on the Total Plot area of 98300 sq. meters and Net plot area (housing) is 90800 sq.mt. The proposed built up area is 138163.95 sq. meters. The Permissible maximum FAR is 181600 sq.mt. The proposed FAR is 138163.95 m² (152.16%). The number of dwelling units proposed is 4260 that provides shelter to 21300 persons. Number of building blocks proposed is 72. The proposed density achieved is 469.16 m². The Permissible maximum Ground Coverage is 36320 sq.mt. and the proposed ground coverage is 27632.79 m². The proposed height of the building is 14.475 m. The proposed total green area is 39317 m². It is proposed to provide parking space for 697 ECS. The total water requirement is 4989 KLD (Drinking- 1597.5KLD+ Domestic- 3195KLD+ Horticulture-196.5 KLD). The source of water is 6 Borewells and also DDA/DJB. In case STP is installed, treated effluent from STP will be recycled and used for horticulture but as per DDA guidelines permission will be granted for discharge in sewer by DJB. The quantity of wastewater generated would be 4313 KLD. 2 No. of underground tanks of 399 KL capacity are proposed for storing drinking water and 2 no. of 799 KL underground tanks are proposed for storing domestic water. The power requirement for the project is about 5111.49 KVA and it will be supplied by BSES. For water supply purposes back up is proposed by using DG Sets of 1X140 KVA. Total Solid waste generation from the proposed project is 8520 kg/day. No. of RWH pits proposed is 12.

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 from the project proponent for its further consideration:

- (i) Zonal Development Plan of Narela subcity along with its Environmental Clearance status.
- (ii) Present sector-wise scenario with respect to population density, constructed projects, solid waste generation & management, green area, sewerage plans, road network etc.
- (iii) Revised Form 1&1A with change in project title and contact details.
- (iv) Cost of Project.
- (v) Conceptual Plan.
- (vi) Information of existing features within 10 km radius of the site.
- (vii) Prefab Technology details with information of projects where applied.
- (viii) Details of Layout Plans for infrastructure and social facilities.
- (ix) A-1 size Building (floors wise) plans.
- (x) Number of Floors.
- (xi) Revised Green belt and landscape Plans.
- (xii) Solid waste generation and management plans.
- (xiii) Geotechnical Report.
- (xiv) Revised ambient Noise monitoring report with date and season of monitoring.
- (xv) Ambient Air and water quality monitoring report with date and season of monitoring
- (xvi) Comparison of Ambient Air quality monitored data with available secondary data.
- (xvii) Windrows diagram and Ground level Concentrations with reference to upcoming TPS at Bawana.
- (xviii) Revised EMP with budget.
- (xix) Power demand and its linkage
- (xx) Revised Water balance chart.
- (xxi) STP details with location and capacity and plan for recycle and reuse of treated wastewater.
- (xxii) Disaster mitigation plans.
- (xxiii) DG set details with location and stack height.

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

- (i) Storage of roof top runoff in underground tanks for reuse after treatment.
- (ii) No groundwater usage during construction and operation phase.

- (iii) Organic waste generated should be converted to compost or biogas by suitable technology.
- (iv) Zero discharge of waste water.
- (v) Adoption of Energy Conservation Building Code.

The Committee also took note of the following pending projects of the Narela Subcity and suggested that project proponent should first get EC for Zonal Development Plan and then apply for ECs for section-wise projects:

1. Case No.13: Zonal Development plan, Narela Sub-City by M/s Delhi Development Authority.
2. Case No. 21: Rapid Environmental Impact Assessment for Development Plan of Sector G2 & G6, Narela, New Delhi by M/s Delhi Development Authority.
3. Case No. 06: Zonal Development Plan of G-7 & G-8, at NDZ-XII, Narela, Delhi by M/s Delhi Development Authority.
4. Case No. 08: Integrated Freight complex Narela at NDZ-XII, New Delhi by M/s Delhi Development Authority.
5. Case No. 30: Proposed Area Development Project at Sector G-3 and G-4, Sub- City Narela, Delhi by M/s Delhi Development Authority.

Case No. 95

Project Name: Environmental Clearance for Proposed Prefab EWS Housing” at Plot 1 & 2, Sector-34, Rohini, New Delhi

Project proponent: M/s DDA

Project Consultant: Shri Environmental Technology Institute

The proposal is for grant of Environmental Clearance for the proposed Prefab EWS housing at Plot 1 & 2, Sector- 34, Rohini, New Delhi, on the Total Plot area of 101900 sq. meters which includes 247100 m² area for plot-1 and 54800 m² area for plot-2. Total Net plot area (housing) is 94400 m² which includes 44100 m² area for plot-1 and 50300 m² area for plot-2. The proposed total built up area is 145942.5 m² which includes 70052.40 m² for plot-1 and 75890.10 m² for plot-2. The Permissible maximum FAR is 188800 sq.mt which includes 88200 sq.mt for Plot-1 and 100600 sq.mt for Plot-2. The proposed FAR of plot-1 is 70052.40 m² (158.85%) and of plot-2 is 75890.10 m² (150.87%). The number of dwelling units proposed is 4500 which includes 2160 for plot-1 and 2340 for plot-2 providing that provide shelter to approx. 22500 persons. Number of building blocks proposed is 75 which includes 36 for plot-1 and 39 for plot-2. The proposed density achieved is 955.01 m² which includes 489.90 m² for plot-1 and 465.21 m² for plot 2. The permissible maximum Ground Coverage is 37760 sq.mt. which includes 17640 sq.mt for Plot-1 and 20120 sq.mt for Plot-2. The proposed ground

coverage is 29188.5 m² which includes 14010.48m² (31.77 %) for plot-1 and 15178.02 m² (30.17 %) for plot-2 .The proposed height of the building is 14.475 m. Proposed total green area is 39576m² which includes 18144 m² for plot-1 and+ 21432 m² for plot-2. The parking space for 745 ECS is provided and this includes of 350 for plot-1 and 389 for plot-2. The total water requirement is 5260.5 KLD (Drinking-1687.5KLD+ Domestic- 3375KLD+ Horticulture-198 KLD).The source of water is 6 Borewells and also DDA/DJB. The quantity of wastewater generated would be 4556 KLD. In case STP is installed, treated effluent from STP will be recycled and used for horticulture but as per DDA guidelines permission will be granted for discharge in sewer by DJB. 2 No. of underground tanks of 202 KL & 220 KL are for proposed for storing drinking water and 2 no. of 405 KL & 439 KL underground domestic water storage tanks are proposed. The power requirement for the project is about 5750.7 KVA and will be supplied by BSES/NDPL. 2 D.G. sets of capacity 1X40 KVA +1X75 KVA are proposed as back-up for water supply. Total Solid waste generation from the proposed project is 9000 kg/day. No. of RWH pits proposed is 12.

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 from the project proponent for its further consideration:

- (i) Zonal Development Plan of Rohini.
- (ii) Present adjacent sector-wise scenario with respect to population density, constructed projects, solid waste generation & management, green area, sewerage plans, road network etc.
- (iii) Revised Form 1&1A with change in project title and contact details appropriate technology.
- (iv) Cost of Project.
- (v) Conceptual Plan.
- (vi) A-1 size Building (floors wise) plans.
- (vii) Number of Floors.
- (viii) Details of Layout Plans for infrastructure and social facilities.
- (ix) Revised Green belt and landscape Plans.
- (x) Information of existing features within 10 km radius of the site.
- (xi) Prefab Technology details with information of projects where applied.
- (xii) Solid waste generation and management plans.
- (xiii) Geotechnical Report.
- (xiv) Revised ambient Noise monitoring report with date and season of monitoring.

- (xv) Ambient Air and water quality monitoring report with date and season of monitoring
- (xvi) Comparison of Ambient Air quality monitored data with available secondary data.
- (xvii) Revised EMP with budget.
- (xviii) Power demand and its linkage
- (xix) Revised Water balance chart.
- (xx) STP details with location and capacity and plan for recycle and reuse of treated wastewater.
- (xxi) Disaster mitigation plans.
- (xxii) DG set details with location and stack height.

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

- (i) Storage of roof top runoff in underground tanks for reuse after treatment.
- (ii) No groundwater usage during construction and operation phase.
- (iii) Organic waste generated should be converted to compost or biogas by appropriate technology.
- (iv) Zero discharge of waste water.
- (v) Adoption of Energy Conservation Building Code.

Case No. 96

Project Name: Environmental Clearance for Proposed Prefab EWS Housing” at Plot-3, Sector- 34, Rohini, New Delhi

Project proponent: M/s DDA

Project Consultant: Shri Environmental Technology Institute

The proposal is for grant of Environmental Clearance for the proposed Prefab EWS housing at Plot-3, Sector-34, Rohini, New Delhi, on the Total Plot area of 60200 sq.mt. and net plot area (housing) is 55700 sq.mt. The proposed built up area is 8691.55 sq.mt. The permissible maximum FAR is 111400 sq.mt. The proposed FAR is 86918.55 m² (156.04%). The number of dwelling units proposed are 2680 that provide shelter to 13400 persons. Number of building blocks proposed is 45. The proposed density achieved is 481.15 m². The Permissible maximum Ground Coverage is 22280 sq.mt. The proposed ground coverage is 17383.71 m². The proposed height of the building is 14.475 m. Proposed total green area is 23205 m². Parking space will be proposed for 437 ECS. The total water requirement is 3131 KLD (Drinking-1005 KLD+ Domestic-2010 KLD+ Horticulture-116 KLD). The source of water is 3 Borewells and also DDA/DJB. In case STP is installed, treated effluent from STP will be recycled and

used for horticulture but as per DDA guidelines permission will be granted for discharge in sewer by DJB. The quantity of wastewater generated would be 2713 KLD. 2 No. of underground tanks of 251 KL is proposed for storing drinking water. 2 no. of 502 KL underground domestic water storage tanks are proposed. The power requirement for the project is about 3189.92 KVA and will be supplied by BSES/NDPL. A DG Set 1X75 KVA is proposed as back-up for the purpose of water supply. Total Solid waste generation from the proposed project is 5360 kg/day. No. of RWH pits proposed is 6.

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 from the project proponent for its further consideration:

- (i) Revised Form 1&1A with change in project title and contact details.
- (ii) Cost of Project.
- (iii) Conceptual Plan.
- (iv) Information of existing features within 10 km radius of the site.
- (v) Prefab Technology details with information of projects where applied.
- (vi) Details of Layout Plans for infrastructure and social facilities.
- (vii) A-1 size Building (floors wise) plans.
- (viii) Number of Floors.
- (ix) Revised Green belt and landscape Plans.
- (x) Solid waste generation and management plans.
- (xi) Geotechnical Report.
- (xii) Revised ambient Noise monitoring report with date and season of monitoring.
- (xiii) Ambient Air and water quality monitoring report with date and season of monitoring
- (xiv) Comparison of Ambient Air quality monitored data with available secondary data.
- (xv) Revised EMP with budget.
- (xvi) Power demand and its linkage.
- (xvii) Revised Water balance chart.
- (xviii) STP details with location and capacity and plan for recycle and reuse of treated wastewater.
- (xix) Disaster mitigation plans.
- (xx) DG set details with location and stack height.

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

- (i) Storage of roof top runoff in underground tanks for reuse after treatment.
- (ii) No groundwater usage during construction and operation phase.
- (iii) Organic waste generated should be converted to compost or biogas by appropriate technology.
- (iv) Zero discharge of waste water.
- (v) Adoption of Energy Conservation Building Code.

Case No. 97

Project Name: Environmental Clearance for Proposed Prefab EWS Housing” at Plot-5, Sector- 35, Rohini, New Delhi

Project proponent: M/s DDA

Project Consultant: Shri Environmental Technology Institute

The proposal is for grant of Environment Clearance for the proposed Prefab EWS housing at Plot-5, Sector-35, Rohini, New Delhi, on the Total Plot area of 38036 sq.mt. and Net plot area (housing) is 35036 sq.mt. The proposed built up area is 54485.20 sq.mt. The Permissible maximum FAR is 70072 sq.mt. The proposed FAR is 54485.20 m² (155.51%). The number of dwelling units proposed are 1680 that provide shelter to 8400 persons. Number of building blocks proposed is 28. The proposed density achieved is 479.51 m². The permissible maximum Ground Coverage is 14014.4 sq.mt. The proposed ground coverage is 10897.04 m². The proposed height of the building is 14.475 m. Proposed total green area is 11610 m². Parking space is proposed for 276 ECS. The total water requirement is 1948 KLD (Drinking- 630 KLD+ Domestic- 1260 KLD+ Horticulture-58 KLD).The source of water is 3 Borewells and also DDA/DJB. In case STP is installed, treated effluent from STP will be recycled and used for horticulture but as per DDA guidelines permission will be granted for discharge in sewer by DJB. The quantity of wastewater generated will be 1701 KLD. 2 No. of underground tanks of 157 KL are proposed for storing drinking water and 2 no. of 315 KL underground domestic water storage tanks are proposed. The power requirement for the project is about 2002.14 KVA and will be supplied by BSES/NDPL. A DG Set of 1X40 KVA is proposed as back-up for the purpose of water supply. Total Solid waste generation from the proposed project is 3360 kg/day. No. of RWH pits proposed is 5.

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 from the project proponent for its further consideration:

- (i) Revised Form 1&1A with change in project title and contact details.

- (ii) Cost of Project.
- (iii) Conceptual Plan.
- (iv) Information of existing features within 10 km radius of the site.
- (v) Prefab Technology details with information of projects where applied.
- (vi) Details of Layout Plans for infrastructure and social facilities.
- (vii) A-1 size Building (floors wise) plans.
- (viii) Number of Floors.
- (ix) Revised Green belt and landscape Plans.
- (x) Solid waste generation and management plans.
- (xi) Geotechnical Report.
- (xii) Revised ambient Noise monitoring report with date and season of monitoring.
- (xiii) Ambient Air and water quality monitoring report with date and season of monitoring
- (xiv) Comparison of Ambient Air quality monitored data with available secondary data.
- (xv) Revised EMP with budget.
- (xvi) Power demand and its linkage
- (xvii) Revised Water balance chart.
- (xviii) STP details with location and capacity and plan for recycle and reuse of treated wastewater.
- (xix) Disaster mitigation plans.
- (xx) DG set details with location and stack height.

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

- (i) Storage of roof top runoff in underground tanks for reuse after treatment.
- (ii) No groundwater usage during construction and operation phase.
- (iii) Organic waste generated should be converted to compost or biogas by appropriate technology.
- (iv) Zero discharge of waste water.
- (v) Adoption of Energy Conservation Building Code.

With respect to all the five projects proposed by DDA, i.e., **Case No. 93, 94, 95, 96 and 97**, to avoid overcrowding of blocks, the Committee also suggested that the following should be taken in account while re-submitting all the five proposals. Examine the feasibility to provide space between the blocks and enhance Green area through following options:

Option (i) : Commercial facility may be shifted to vacant/available land in the adjacent area and the area available may be used for shifting some blocks and the vacant spaces may be used for planting trees.

Option (ii) : Reduce the number of blocks and plant trees in open areas resulting from reduction in the number of blocks.

Option (iii) : Increase the vertical height of the blocks so that the number of blocks is reduced and the resulting open area is used for planting trees.

Cases considered under the Table Agenda with approval from chair:

Case No. 18

Project Name: Construction of Integrated Station Building and Commercial Development at Games Village, Near Akshardham, New Delhi.

Project proponent: M/S Parsvnath Developer.

Project Consultant: Nil

The Secretary brought to the notice of the Committee a letter submitted by the project proponent stating that the project is exempted from EC. The Committee in its 18th meeting held on 21.04.2010 took a decision that the project does not fall within EIA Notification of 2006 on base of site inspection report by representatives of Civil Engineering Department of IIT, which states that the built up areas does not exceed 20000 sq mt. The DPCC examined the report of IIT and found that the report does not include the station building which is integrated part of commercial complex and this was brought to the notice of the Committee. The Committee decided that clarification may be sought from IIT about the built up area mentioned in its Report before taking a final decision.

Case No. 35

Project Name : Construction of Residential Flats for Delhi Armed Police Line (DAP) at Sector-9, Dwarka : A modification.

Project Proponent: Delhi Armed Police

Project Consultant: Ind Tech House Consult

The proponent did not attend the meeting and the Committee deferred the case.

It was decided by the Committee that the next meeting of SEAC will be held on 26th November, 2010.

The meeting ended with vote of thanks to the Chair.
