

STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC)-DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006

Minutes of the 98th meeting (1st sitting day) of State Level Expert Appraisal Committee (SEAC) held on 31.01.2022 through video conferencing.

The 98th meeting (1st sitting day) of State Level Expert Appraisal Committee (SEAC) was held on 31.01.2022 through video conferencing under the Chairmanship of Sh. Vijay Garg. The following members of SEAC were present in the meeting:

- | | |
|------------------------------|--------------------|
| 1. Sh. Vijay Garg | - In Chair |
| 2. Dr. Kailash Chand Tiwari | - Member |
| 3. Ms. Paromita Roy | - Member |
| 4. Sh. Surinder Kumar Juneja | - Member |
| 5. Sh. Chetan Agarwal | - Member |
| 6. Sh. Ashish Gupta | - Member |
| 7. Ms. Jyoti Mendiretta | - Member |
| 8. Sh. Pranay Lal | - Member |
| 9. Sh. Gopal Mohan | - Member |
| 10. Sh. Ankit Srivastava | - Member |
| 11. Dr. Sirajuddin Ahmed | - Member |
| 12. Sh. Pankaj Kapil | - Member Secretary |

Following SEAC Members could not attend the Meeting and granted leave of absence :

1. Dr. Sumit Kumar Gautam

Following DPCC Officials assisted the Committee :

1. Sh. Amit Chaudhary (EE), DPCC
2. Sh. S.K. Goyal (EE), DPCC
3. Sh. Rohit Meena (JEE), DPCC

During the Meeting it was pointed out by one of the Members namely Ms. Paromita Roy that her name in Gazette Notification dated 06.09.2021 has inadvertently mentioned as Ms. Promita Roy whereas the correct name is Ms. Paromita Roy. The Chairman SEAC desired that the same may be brought into the notice of Department of Environment, Govt. of NCT Delhi for required amendment in the said Notification by MoEF&CC, Govt. of India as well as the suitable Amendment in Govt of Delhi Notification dated 03.12.2021.

For chalking out the format of presentation and formulating a check list of indicators it was decided during the meeting that a **five member committee of SEAC expert members** consisting Dr. Kailash Chand Tiwari, Ms. Paromita Roy, Sh. Chetan Agarwal, Sh. Ankit Srivastava, Sh. Ashish Gupta will work out the check list for which **Ms. Paromita Roy will act as convener.**

The minutes of 98th meeting of SEAC held on 02.12.2021 were confirmed by the members.

Agenda No 1

Case No. C-367

Name of the Project	EC for Commercial Complex Project at Plot No-G2, Wazirpur District Centre, Netaji Subhash Place, New Delhi
Project Proponent	Ajay Kumar Jha, General Manager, M/s County Projects Private Limited, F 28, Ground Floor, Preet Vihar, East Delhi, Preet Vihar, East Delhi-110092
Project EIA coordinator present during the meeting	Ms. Mudita Tomar Singh, Grass Roots Research & Creation India (P) Ltd.
Rep. Of the PP present during the meeting	Mr. Devesh Shakya, Sh. Arun Mishra, Director, M/s County Projects Private Limited
Proposal No.	SIA/DL/MIS/233143/2021
File No.	DPCC/SEIAA-IV/C-367/DL/2021

A. Details of the proposed project are as under:

1. The Proposal is for grant of EC for Commercial Complex Project at Plot No-G2, Wazirpur District Centre, Netaji Subhash Place, New Delhi by M/s County Projects Private Limited
2. The project is located at **Latitude:** 28°41'30.60"N, **Longitude:** 77°09'1.18"E.
3. **Area detail:** The total plot area of the project is estimated 5,300 m². The total built-up area will be (FAR + Non-FAR) 52,907.79 m². The maximum permissible FAR is 16569.60Sq.m and proposed FAR is 16,559.71Sq.m. The Maximum Permissible ground coverage (@ 50% of plot area) is 2,650Sq.m and proposed ground coverage (49.08% of total plot area) is 2,601.22Sq.m. The total proposed basements are 3 &

total area in basements is 15,900Sq.m. Maximum numbers of Floors are (3B+G+25). Maximum Height of Building (up to terrace Floor level) is 113.5 m.

4. **Water Details:** During operation phase, the source of water supply will be Delhi Jal Board. The total water requirement for the project will be approx. 261 KLD out of which domestic water demand is 206 KLD. The fresh water requirement will be 128 KLD. The project will generate approx. 165 KLD of wastewater. The wastewater will be treated in onsite STP of 200 KLD capacity. The treated effluent will be reused for flushing (78 KLD), Horticulture (6 KLD), and HVAC (45 KLD). Rest of treated waste water will be used in Floor washing.
Project Proponent (PP) proposed Storage tank of capacity 25 m³ will be provided to collect rain water.
5. **Solid Waste:** During the operation phase, the solid waste generated from the project will be approx. 1009 kg per day (1099 kg/day mentioned in brief of the project). Recyclable and non-recyclable waste will be disposed through a local agency while Biodegradable waste will be processed through Organic Waste Converter
6. **Power:** The power supply will be supplied by Tata Power Delhi Distribution Limited. The total maximum demand is estimated as 1765 KW. There will be provision of 2 DG sets of total capacity 2250 kVA (1*1500 kVA & 1*750 kVA) for proposed project.
Solar power generation system of the capacity Minimum 40 Kilo Watt peak (KWp) is proposed to be installed
7. **Parking Facility:** Total parking required as per PP is 265 ECS and Proposed Parking are 348 ECS.
8. **Eco-Sensitive Areas:** The shortest aerial distance of the project from Asola Wildlife Sanctuary is 21.10 Km (S) & from Okhla Bird Sanctuary is 19.70 Km (SE) respectively. NBWL clearance is not required.
9. **Plantation:** Green belt will be developed along the periphery of the project premises along with the internal parks and lawns. Total green area is 650 m² i.e. 12.26% of the total plot area
10. **Cost of the project:** Total cost of the project is 300 Crores including land & development cost.

B. After due deliberations, the SEAC in its 98th meeting (1st Sitting) held on 31.01.2022 recommended as follows:

Based on the information furnished, documents shown & submitted, presentation made by the project proponent, SEAC sought the following information:

1. Building Plan approval from DDA, DUAC and Delhi Fire Service.
2. PP is required to clarify as to how the storage/ stacking of construction material will be managed during construction phase.
3. Specific information on the issue of ensuring the safety of nearby structures in view of proposed construction of 03 level basements.
4. Water assurance from DDA specifying the quantity of water to be supplied to this project supported by the water supply scheme approved by DJB for NSP Complex of DDA including the total water availability with the DDA, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available.
5. Proportion wise Step Diagram showing the amount of reduction in net Per Capita Water Demand achieved through (1) Each Demand reduction strategy (eg. Low flow fixtures, Xeriscaping etc.), (2) Recycling and Reuse.
6. Water requirement during construction phase is proposed to be met from the treated water of DJB STP. PP is required to clarify the arrangement for reusing the aforesaid treated water along with the mechanism proposed for making this water fit for use in construction.
7. Outlet parameters of proposed STP during operation phase needs to be revisited in order to check the feasibility of its reuse in flushing, horticulture, HVAC etc.
8. The projected cost of the proposed STP is not realistic in view of the technology being adopted. Justification to achieve the standards with the proposed technology is also required.
9. Proposal for a provision of toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide) detectors for STP area.
10. The revised realistic cost of environmental monitoring.

11. Details of all the outlets from the proposed building including the outlet of STP required to be submitted with a proposal to install flow-meters at each of the outlets.
12. Rain water harvesting/ storage/ retention arrangement needs to be revised. Recent flash rain data of New Delhi in recent times should be accounted for in the revised design.
13. The PP is required to quantify the no. of labours and the detailed plan for the proposed labour camps for housing them.
14. Air pollution load and its negative impacts to be clarified along with mitigation options during the lifetime of the project.
15. To clarify the location of the cooling towers with its noise mitigation measures.
16. Revised Traffic Management Plan taking into consideration the latest traffic scenario. Detailed calculation of roads, bicycle paths, pedestrian spaces are to be provided.
17. Details of seasonal and yearly ground water table in project area.
18. Revised EMP (Environment Management Plan) for dust mitigation measures during construction as per MoEF Notification No. GSR 94 (E) dated 25.01.2018/Hon'ble National Green Tribunal order in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & others/ CAQM Directions issued time to time including registration on Dust Pollution Control Self Assessment Portal with provision of video fencing and low cost sensors for monitoring PM 2.5, PM 10.
19. Justification for proposed Solar power generation viz-a-viz provision of Building Bye Laws.
20. Proportion wise Step Diagram to be provided showing the amount of reduction in net per capita energy demand achieved through (i) Load Reduction Strategies, (ii) Passive Strategies, (iii) Renewables, and (iv) Energy Recovery strategies. At least 2 % of the total energy demand to be sourced from renewables. Percentage reduction through each of the aforesaid strategies to be provided in a consolidated diagram format for easy comprehension.
21. Proposal for provisioning the energy audit during operation phase.
22. Provision for electric charging of the e-Vehicles as per Building Bye Laws.

23. Specify name and numbers of the post to be engaged by the proponent for implementation and monitoring of environmental parameters.

Agenda No.2

Case No. C-366

Name of the Project	EC for Expansion of Multistoried Parking cum Commercial Complex at Nehru Place.
Project Proponent	Deepak Gupta, General Manager, 8th Floor, Eros Corporate Tower, Nehru Place, New Delhi, Delhi, 110019
Project EIA coordinator present during the meeting	Ms. Akta Chugh, M/s Perfact Enviro Solutions Pvt. Ltd.
Rep. Of the PP present during the meeting	Sh. Deepak Gupta, GM, M/s Eros Corporate Tower
Proposal No.	SIA/DL/MIS/235918/2021
File No.	DPCC/SEIAA-IV/C-366/DL/2021

A. Details of the proposed project are as under:

1. The Proposal is for grant of EC for Expansion of Multistoried Parking cum Commercial Complex at Nehru Place by M/s Nehru Place Hotels And Real Estates Pvt. Ltd.
2. The project is located at **Latitude:** 28°33'1.23"N, **Longitude:** 77°15'7.57"E.
3. **Area detail:** The total plot area of the project is 12985 sqm. Total existing Built up Area is 60474.36 sqm. The total FAR Area of the project will decrease from 18106.83 sqm to 18106.657 sqm. The other Non-FAR Area (as per bye-laws) of the project will be 2557.102 sqm. The built-up area of the project will be increased to 64973.47 sqm and maximum no. of floors will be remain same i.e. G+15. The maximum height of the building will remain the same i.e. 69.9 m.

4. **Water details:**

During construction phase, Total water requirement will be 11 KLD out of which 8 KLD Water will be sourced through treated water from nearby STP for construction activities. For domestic use, 3 KLD water will be sourced through tankers. Around 3 KLD of waste water will be generated which will be disposed of via a septic tank followed by soak pits.

During Operation Phase (After Expansion), Total water requirement will be 216 KLD out of which 119 KLD will be from fresh water. Rest of the water requirement i.e. 97 KLD of treated water will be sufficed from in-house STP (125 KLD capacity) for flushing (5 KLD), gardening (8 KLD) and cooling (84 KLD). Treated water generated will be 97 KLD. No Excess treated water will be there. It will be a ZLD complex.

Total 3 nos. of Rain Water harvesting has already been provided in the project site

5. **Solid waste:**

In Existing Complex, 376.5 kg/day of solid waste from 2510 persons is being generated from the complex out of which 150.6 kg/day of Biodegradable waste is being sent to Municipal solid waste disposal site and 226 kg/day of Non-Biodegradable waste is being given to approved recycler.

After expansion, approx 410 kg/day of solid waste will be generated from the complex out of which 164 kg/day of biodegradable waste will be treated in organic waste converter and 205 kg /day of recyclable waste and 41 kg/day plastic waste will be handed over to approved vendors.

6. **Power:** Total Power Requirement during the construction phase will be met by an existing power supply from BSES Rajdhani Power Limited and total power requirement during operation phase will be 2327 kVA which will be met from BSES Rajdhani Power Limited. DG sets of Capacity 2×1500 kVA & 1×500 kVA have been already installed for power back up in the basement.

Solar PV of 160kWp has been provided in the Existing complex. Solar Power provided is 7.5% of existing demand load which is equivalent to 6.9% of total load of after expansion (existing +proposed).

7. **Parking Facility:** Existing parking provision at the complex is 998 ECS and Total Parking Provision after expansion will be 1063 ECS

8. **Eco-Sensitive areas:** Distance from Asola Bird Sanctuary is 4.06 Km SSE and Okhla Wildlife Sanctuary is 6.46 km NEE from the project site.

NBWL clearance is not required as the extant of Eco-Sensitive Zone for Okhla Bird Sanctuary ranges from 100 m – 1.27 km from the boundary of Okhla Bird Sanctuary as per Notification dated 19.08.2015 and the Boundaries of Eco-Sensitive Zone for Asola Bhatti Wildlife Sanctuary is with an extant up to 1 km from Asola Bhatti Wildlife Sanctuary as per Notification dated 11.09.2017.

9. **Plantation:** Green area already developed at site is 1,766 sqm which is 13.6 % of the plot area
10. **Cost of the project:** Cost of the Project is Rs. Rs. 110 Crores (total cost after Expansion), out of which Rs. 10 Crores is the cost for expansion part.

Existing Building i.e. Multistoried Parking cum Commercial Complex by M/s Nehru Place Hotels And Real Estates Pvt. Ltd. is in possession of Consent to Establish and valid Consent to Operate (Renewal) issued by DPCC vide Consent Order dated 24.09.2021. The project proponent informed during presentation that the water demand in the existing complex is being met from treated water brought from nearby STP from their own sources in Surajkund.

B. After due deliberations, the SEAC in its 98th meeting (1st Sitting) held on 31.01.2022 recommended as follows:

Based on the information furnished, documents shown & submitted, presentation made by the project proponent, SEAC sought the following information:

1. Building Plan approval from DDA, DUAC and Delhi Fire Service.
2. Water assurance from DJB for the proposed fresh water requirement.
3. The water requirement figures for the existing complex shown in Form and in presentation are at variance, PP is required to confirm the same with revised water mass balance and confirm figures for water management of existing building and after expansion.
4. Water requirement during construction phase is proposed to be met from the treated water from nearby STP. Detail of the aforesaid STP needs to be clarified and PP is required to clarify the arrangement for reusing the aforesaid treated water along with the mechanism proposed for making this water fit for use in construction phase.

5. Proposal for a provision of toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide) detectors for STP area.
6. As per Lease Deed of DDA only 50 % of the parking area out of the total ECS is for public parking and the balance 50 % is for the Lessee. PP to get a clarification from DDA regarding the same with specific permission that 50 % public parking can be used by the Lessee for seeking extra FAR.
7. Rain water harvesting/ storage/ retention tanks and arrangement needs to be revised, taking into account the higher flash rain data of New Delhi in recent times.
8. Revised EMP (Environment Management Plan) for dust mitigation measures during construction as per MoEF Notification No. GSR 94 (E) dated 25.01.2018/Hon'ble National Green Tribunal order in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & others/ CAQM Directions issued time to time including registration on Dust Pollution Control Self Assessment Portal with provision of video fencing and low cost sensors for monitoring PM 2.5, PM 10.
9. Cost of EMP needs to be revised with inclusion of appropriate cost for Environmental Monitoring component with the provisions Sensors for air quality parameters i.e. CO, CO₂, Temperature, NO_x, SO_x, PM 2.5, PM 10, VOCs, H₂S, NH₃, Humidity. Preferably IOT based Electro-chemical sensors connected to server 24x7 with quarterly calibration and data uploading every hour.
10. PP is required to clarify as to how the storage/ stacking of construction material will be managed during construction phase
11. PP is required to quantify the no. of labours and the detailed plan for the proposed labour camps for housing them.
12. As per Land paper submitted the Lease deed is in the name of Nehru Place Hotels Pvt. Ltd. whereas the application for Environmental Clearance has been filed by Nehru Place Hotels And Real Estates Pvt. Ltd., PP needs to clarify with supporting documents.
13. Proportion wise Step Diagram to be provided showing the amount of reduction in net per capita Energy Demand achieved as compared to base case scenario, through (i) Load Reduction Strategies, (ii) Passive Strategies, (iii) Renewables, and (iv) Energy

Recovery strategies. Atleast 2 % of total energy demand to be sourced from Renewables. Percentage reduction through each of the aforesaid strategies to be provided in a consolidated diagram format for easy comprehension.

14. Proposal for provisioning the energy audit during operation phase.
15. Geotechnical Report investigation along with details of pre and post monsoon ground water table in project area.
16. Outlet parameters of proposed STP during operation phase needs to be revisited in order to check the feasibility of its reuse in flushing, horticulture, HVAC etc.
17. Details of all the outlets from the proposed building including the outlet of STP required to be submitted with a proposal to install flow-meters at each of the outlets
18. Explanatory note with respect to source for current water demand being met for the existing building.
19. Proportion wise Step Diagram showing the amount of reduction in net Per Capita Water Demand achieved through (1) Each Demand reduction strategy (eg. Low flow fixtures, xeriscaping etc.), (2) Recycling and Reuse.
20. Provision for electric charging of the e-Vehicles as per Building Bye Laws.
21. Specify name and numbers of the post to be engaged by the proponent for implementation and monitoring of environmental parameters.

The committee decided that a site inspection may be undertaken by a sub-committee comprising of the SEAC Members Sh. Ankit Srivastava (Convenor), Sh. Ashish Gupta and Dr Sirajuddin Ahmed assisted by officer of EIA Cell, DPCC and DJB.

Scope of the committee would include examination of the proposal and the environmental data submitted by the project proponent and evaluation of site condition wrt environmental parameters including water, electricity, dust etc.

Agenda No 3

Case No. C-368

Name of the Project	EC for Proposed Super Specialty Block in existing Hospital and Nursing college of Holy Family Hospital, New Delhi
Project Proponent	P A George, Director, M/s New Delhi Holy Family Hospital Society, 2, Staff Quarters, Holy Family Hospital Campus, Okhla Road, New Delhi, Connaught Place, New Delhi, Delhi-110025
Project EIA coordinator present during the meeting	Mr. Indra Sharma, M/s Ind Tech House Consult.
Rep. Of the PP present during the meeting	Mr. P.A George, Director, M/s New Delhi Holy Family Hospital Society
Proposal No.	SIA/DL/MIS/238798/2021
File No.	DPCC/SEIAA-IV/C-368/DL/2021

A. Details of the proposed project are as under:

1. The Proposal is for grant of EC for Proposed Super Specialty Block in existing Hospital and Nursing college of Holy Family Hospital, New Delhi by M/s New Delhi Holy Family Hospital Society.
2. The project is located at **Latitude:**28°33'45.14" N, **Longitude:** 77°16'32.53" E
3. **Area Details :**
 - The Gross Plot Area of the project is 85210.40sq.m. The Net Plot Area for proposed development is 81635.45 sqm. The existing Built up Area is 38643.63 sqm and Proposed Total Built-up Area (FAR + Non FAR Area) is 22118.31 sq.m. Area to be demolished having built up area is 129.32sqm. The Max. Permissible FAR Area is 255631.20 sq.m and Proposed FAR Area is 21300.31 sqm. The Non FAR Area is 818 sq.m. The Max. Permissible Ground Coverage (40 %) is 32683.55 sq.m. and Proposed Ground Coverage (0.026 %)

is 2099.49 sqm. The Maximum Number of Floors are (B+G+10) nos. Maximum Height of the proposed Building (upto Terrace) is 44.25m.

4. Water Details :

- During Construction phase, Water requirement will be met through treated tanker water supply from Delhi Jal Board. About 4.45 KLD sewage will be generated which will be disposed through temporary connection to the on-site STP.
- During Operational phase, total water requirement of the project is expected to be 198 KLD and the same will be met by 109 KLD fresh water from Delhi Jal Board and 89 KLD Recycled Water. 83 KLD of Domestic wastewater generated will be treated upto the tertiary level in STP of 100 KLD capacity while 20 KLD of Waste water generated from Labs, OTs, Clinics, and Laundry will be treated in ETP of 25 KLD Capacity. The treated wastewater generated from the project will be 93 KLD (75 KLD from STP + 18 KLD from ETP). Out of the total treated waste water 89 KLD of treated waste water will be recycled and re-used (14 KLD for flushing, 72 KLD for Air Conditioning System, 3 KLD for DG Cooling). About 4 KLD will be discharged in Public Sewer with prior permission.
- The rain water within the project area will be collected in existing rain water harvesting pits and recharged into groundwater through recharge wells.

5. Solid Waste Details :

- During Operation phase, About 0.53 TPD solid wastes will be generated in the project. The biodegradable waste (0.25 TPD) will be processed in Organic Waste Converter (OWC) and the non-biodegradable waste generated (0.28 TPD) will be handed over to authorized local vendor. About 0.066 TPD Bio-medical wastes will be generated from the project which will be disposed off through authorized CBWTF. Hazardous waste includes Waste Oil from DG sets (1.42 Lts/Day) which will be carefully stored in HDPE drums in isolated covered space and sold to recyclers authorized by CPCB/SPCB.

6. Power Details :

- During Construction phase DG set of 1 x 100 kVA will be operated.
- During Operation phase, the total power requirement will be 1241 KVa and will be supplied by BSES. For Power Back up, DG sets of Total Capacity 1410 kVA (1 x 1010 kVA & 1 x 400 kVA) will be installed.
- Solar Photo Voltaic (PV) Power Panels of minimum 150 kWp will be provided.

7. **Parking facility:** The Proposed Total Parking for new block is 443 ECS and Total Parking Required as per building bye laws is 443 ECS.
8. **Eco-Sensitive Areas:** Distance from Asola Bird Sanctuary is 6.5 km S (8.6 Km SW) and Okhla Wildlife Sanctuary is 2.3 Km W (3.8 Km SE) from the project site. NBWL clearance is not required as the extent of Eco-Sensitive Zone for Okhla Bird Sanctuary ranges from 100 m – 1.27 km from the boundary of Okhla Bird Sanctuary as per Notification dated 19.08.2015 and the Boundaries of Eco-Sensitive Zone for Asola Bhatti Wildlife Sanctuary is with an extent upto 1 km from Asola Bhatti Wildlife Sanctuary as per Notification dated 11.09.2017.
9. **Plantation:** The project already has 27295 sqm Green area which is more than 33% of total plot area. The project site has approx. 900 nos. of trees and because of this expansion 34 nos of trees to be cut / transplanted with prior permission of forest department
10. **Cost of the project:** Total cost of the project is 88.6 Crores.
11. As per information submitted by the Expansion is proposed in existing operational Hospital. The PP has submitted the Copy of Consent to Operate issued on 19.03.2020 valid upto 31.12.2024.

B. After due deliberations, the SEAC in its 98th meeting (1st Sitting) held on 31.01.2022 recommended as follows:

Based on the information furnished, documents shown & submitted, presentation made by the project proponent, SEAC sought the following information:

1. Building Plan approval from DDA/ Local Body, DUAC and Delhi Fire Service.

2. Proposal/ Plan for shifting the existing STP/ providing the new STP at different location is required to be submitted
3. Revised area statement for the existing building as well as for the proposed building after expansion is required to be submitted.
4. Revised EMP (Environment Management Plan) for dust mitigation measures during construction as per MoEF Notification No. GSR 94 (E) dated 25.01.2018/Hon'ble National Green Tribunal order in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & others/ CAQM Directions issued time to time including registration on Dust Pollution Control Self Assessment Portal with provision of video fencing and low cost sensors for monitoring PM 2.5, PM 10.
5. Revised Traffic Management Plan including Traffic Impact Assessment considering the latest traffic scenario. Detailed calculation of roads, bicycle paths, pedestrian spaces including entry and exit to be provided. Further, PP is required to submit mitigation measures to handle critical entry and exit scenarios inside and outside the site minimizing the impact on the city roads. Distribution of mode of traffic as per MPD.
6. Authority Letter/ Board Resolution authorizing the person for signing the application of Environmental Clearance.
7. Details of existing area, water demand, waste water generation and its treatment facilities, solid waste including bio medical waste, existing RWH pits etc. has to be provided by the PP.
8. The date of commissioning of existing operational Hospital.
9. Revised landscape plan with demarcated green area with soft green area as per MPD. Landscape details to be provided with a measured impact on the micro-climate. Green area should be demarcated as per building bye laws and minimum consolidated area of 15 % of plot area should be kept as soft green area.
10. Further, wherever tree plantation being done/ proposed, tree-pit size of 6' x 6' / tree to be adopted as permeable surface of the tree.

11. Details of the compensatory tree plantation to be done in project site. Details of existing trees to be cut and to be planted with detail of species along with the approval of the Forest Department.
12. Revised proposal for locating the proposed parking for different modes of transport.
13. Proportion wise Step Diagram to be provided showing the amount of reduction in net per capita Energy Demand achieved as compared to base case scenario, through (i) Load Reduction Strategies, (ii) Passive Strategies, (iii) Renewables, and (iv) Energy Recovery strategies. Atleast 2 % of total energy demand to be sourced from Renewables. Percentage reduction through each of the aforesaid strategies to be provided in a consolidated diagram format for easy comprehension
14. Proposal for provisioning the energy audit during operation phase.
15. Rain water harvesting needs to be revised taking into account the recent flash rain data and actual percolation rate of the soil at site. Calculate runoff from (a) roof top, (b) other paved areas, and (c) green areas separately. Review peak rainfall runoff threshold used in the calculation – given the experience of last 5 years with extreme rainfall events and likely increase in frequency with climate change in the next 50 years and create adaptive strategy accordingly.
16. Prepare management strategy for each of these (a) roof top, (b) other paved areas, and (c) green areas
 - a. Design natural storm water retention capacity in the green areas by marginal lowering, and gradient management, which can enhance natural percolation, and indicate the same in m³,
 - b. Design separate storm water retention and recharge or reuse capacity for rooftop runoff and paved areas.
17. Water assurance from DJB for the proposed fresh water requirement.
18. Geotechnical Investigation Report along with details of pre and post monsoon water table in project area.
19. Elaborated effects of the building activity in altering the microclimates with revised self- assessment on the likely impacts of the proposed construction on creation of heat island & inversion effects

20. Proportion wise Step Diagram showing the amount of reduction in net Per Capita Water Demand achieved through (1) Each Demand reduction strategy (eg. Low flow fixtures, xeriscaping etc.), (2) Recycling and Reuse.
21. Plan for managing, conserving the top soil excavated during construction and for its reuse.
22. Provision for electric charging of the e-Vehicles as per Building Bye Laws
23. Use of Ground water extraction required to be reconfirmed along with the permission from the competent authority.
24. Specify name and numbers of the post to be engaged by the proponent for implementation and monitoring of environmental parameters.

Agenda No 4

Case No. C-372

Name of the Project	EC for Proposed Expansion of Hospital Project at Kaushik Enclave, Burari, New Delhi
Project Proponent	DK Shukla, EEHPDN (North), M/s Directorate Of Health Services Govt of NCT Of Delhi, DR. B.S.A. Hospital Complex, Sector-6, Rohini, Delhi-110085, Saraswati Vihar, North West, Delhi-110085
Project EIA coordinator present during the meeting	Mr. Anand Kumar Dubey, M/s Ind Tech House Consult
Rep. Of the PP present during the meeting	Sh. D. K. Shukla, EEHPDN (North), ^{PWD for} M/s Directorate Of Health Services Govt of NCT Of Delhi,
Proposal No.	SIA/DL/MIS/243547/2021
File No.	DPCC/SEIAA-IV/C-372/DL/2021

A. Details of the proposed project are as under:

1. The Proposal is for grant of EC for Expansion of Hospital project at Kaushik Enclave, Burari, New Delhi by Directorate of Health Services Govt of NCT of Delhi.
2. The project is located at **Latitude:** 28°41'31.03"N, **Longitude:** 77°09'0.03"E.

3. Area detail:

The total plot area of the project is 16000 sqm. As per previous EC dated 16.03.2011, Total Built up Area proposed was 48,175.87 sqm for 200 Beds.

PP submitted that total constructed Built up Area is 59,276.54 Sqm . The Maximum Permissible FAR Area is 48000Sq.m and proposed FAR Area is 45011.61Sq.m. The Maximum Permissible Ground Coverage (@ 40% of plot area is 6400Sq.m and Proposed Ground Coverage (35.22% of total plot area) is 5635.51Sq.m. The total no. of building blocks are three. Maximum no. of Floors are (2B+G/ST+7). Maximum Height of Building (upto terrace Floor level) is 32.55m.

4. Water Details:

During the construction stage domestic liquid effluent generation is projected as Zero without labour camps proposed at site. Wastewater generated from construction site to be collected in a separate basin and reused after primary treatment for sprinkling on roads. Mobile toilets and potable water facilities to be provided at site for labour and staff.

During operational phase, total water requirement of the project is projected as 666 KLD and to be met by 325 KLD of fresh water from Delhi Jal Board and 334 KLD of treated Water. 417 KLD Wastewater generated (15 KLD from Residential and 402 KLD from other facilities) proposed to be treated in on site ETP of 485 KLD capacity and STP of 20 KLD capacity. 334 KLD of treated wastewater generated to be recycled and re-used (157 KLD for Flushing, 151 KLD for Air Conditioning, 20 KLD for DG Cooling and 6 KLD for Gardening). The project is a Zero Liquid Discharge (ZLD) project.

Rain Water Harvesting Pond of capacity 800 m³ is projected.

[Handwritten signatures and initials in blue ink at the bottom of the page, including "Ashish", "Suj", "Can", "17 of 30", "Com", "V", "S", "A", "Y"]

5. **Solid Waste:** During construction stage generated solid waste comprises mainly of construction waste. The construction waste to be reused within the site for various constructions filling work.

During the operation phase solid waste generated from the project is 2.10 TPD. Biodegradable waste (0.88 TPD) to be processed through Organic Waste Converter while Non-Biodegradable waste comprising of recyclable waste to be sold to vendors and Non-Recyclable waste to be disposed through authorized agency. Bio-medical waste generation is projected approximately 0.306 TPD. Hazardous waste generation projected as 4.47 LPD of waste oil from DG sets and to be sold to authorized recyclers. Quantity of Sludge produced is projected as 85 kg/day which is to be used as manure for horticulture development and surplus manure to be sold to end users: farmers/Nursery.

6. **Power:** The total power requirement during operation phase is 2675 kW and to be supplied by Tata Power Delhi Distribution Limited (TPDDL). For Power Back up, DG sets of Total Capacity 3750 kVA are proposed.
7. **Parking Facility:** Total Parking required as per building bye laws is 900.23 ECS. Provision has been kept for total Parking of 901.47 ECS (Parking on Surface: 229.79 ECS and Parking in Basement: 671.68 ECS)
8. **Eco-Sensitive Areas:** The shortest aerial distance of the project from Asola Wildlife Sanctuary is 29.42 Km & from Okhla Bird Sanctuary is 24.32 Km respectively.
9. **Plantation:** Proposed Green Area is 6301.69 sqm. (about 40%)
10. **Cost of the project:** Cost of the project (including Expansion) is 266 Crores while Cost of Expansion is 83 Crores.

Environmental Clearance was earlier obtained for 200 Beds Hospital by Directorate of Health Services, Govt. of NCT of Delhi vide letter dated 16.03.2011 from State Level Environmental Impact Assessment Authority (SEIAA) Delhi for the built-up area of 48175.87 Sqm.

As per Covering Letter dated 02.12.2021 submitted by the Project Proponent, the Project Authorities planned for expansion from 200 Beds to 765 Beds for which application for Environmental Clearance was submitted to SEIAA Delhi vide Proposal No. SIA/DL/NCP/52257/2016 on 18.10.2016 and EDS was generated. In absence of SEIAA Delhi the Project Authorities submitted their proposal to MoEF&CC, GoI vide Proposal no.

IA/DL.MIS/104159/2009 dated 02.05.2019 and the Project was considered for appraisal in 41st EAC Meeting dated 28.05.2019 but the matter could not move forward.

As per online record available on the online portal, (Parivesh) of MoEF&CC, GoI, the application of EC for expansion of 200 beds to 765 beds (BUA 48175.87 to 59281.04 sqm) was submitted by the Directorate of Health Services, Govt. of NCT of Delhi on 02.05.2019 to MoEF&CC in absence of SEIAA, Delhi. Further, as per Minutes of Meeting of Expert Appraisal Committee (EAC) dated 27-29 May, 2019, a request was made by project proponent to withdraw its application on 28.05.2019 due to some change in design of the project and EAC of MoEF&CC, GoI recommended to defer the project.

Details of expansion are as follows:

	As per EC dated 16.03.2011	As per application for Expansion
Number of Beds	200	765
Plot Area	16390.87 sqm	16000 sqmt
Total Built up Area(FAR)	48175.87 sqm	59281.04 sqm
Hospital Block, Built-up area	24528.73sqm	36504.10sqm
Ground Coverage	4784.51 sqm	5635.51sqm
Green Area	7220.81 sqm	6301.69 sqm
Maximum Height of Building	35 m	32.55 m
Hospital Block	G+6 with 2 basements	-
Essential Staff Quarters - Type 1 and Type 2	G+7	31 Nos.
Nurses and RMO Hostel	G+7	56 Nos.
Parking	548 ECS(Basemnents)+46(Surface)	671.68 ECS (Basement)+ 229.79(Surface)
Total Water requirement	316 KLD	666 KLD
Fresh Water Requirement	157 KLD	325 KLD

Minutes of the 98th SEAC Meeting dated 31.01.2022 (1st Sitting Day)

Treated Water reuse	159 KLD HVAC – 40 KLD Flushing – 49 KLD DG Set Cooling – 30 KLD Horticulture – 40 KLD	334 KLD HVAC – 151 KLD Flushing – 157 KLD DG Set Cooling – 20 KLD Horticulture – 6 KLD
Sewage Generation	98 KLD	15 KLD(from residential)
STP	110 KLD	20 KLD
Effluent from Patient use and Laundry	77 KLD	402 KLD(from other facility apart from residential)
ETP	90 KLD	485 KLD
Rain Water Harvesting Pond	-	800 cum.
Bio Medical Waste Generation	400 kg/day	306 kg/day
Total Solid Waste Generation	400 kg/day	2100 kg/day
Power Requirement	3669.45 kVA	2675 kW
Cost of Project	Rs 147 crores	Rs 266 Crores

The Project Proponent has not submitted the certified copy of the compliance of previous EC Conditions from the Regional office of MoEF&CC, GoI applicable for the Expansion Projects and has made a statement that 59,276.54 Sqm built-up area of the hospital has been constructed. As per Form 1A, Point no. 1.2, Table 1, area constructed as on date is 59,276.54 sqm implying that expansion has been carried out before filing the application for revision of Environment Clearance.

The project proponent during the presentation submitted the following:

- Firstly, Environment clearance for built-up area 48154 and 200 beds was granted by SEIAA, Delhi vide letter no. 60/DPCC/SEIAA-SEAC/10/807 dated 16.03.2011 and accordingly the construction was started on the basis of said Environment Clearance.

- MoEF&CC also issued notification vide no. 3252E dated 22/12/2014 States that *"The projects or activities shall not include industrial shed, school, college, hostel for institution, but such buildings shall ensure sustainable environmental management, solid and liquid waste management, rain water harvesting and may use recycle materials such as fly ash bricks"*.
- The project was revised from buildup area 48154 sqm to 59276 sqm including hostel & others and 200 beds to 765 beds and the plans were submitted for approval to NDMC.
- Simultaneously, application for Environment Clearance was also filed on 29.03.2016 before SEIAA Delhi vide proposal no. SIA/DL/NCP/52257/2016 and two point EDS were generated on 07/04/2016 and was closed. Again EDS was generated on 04/11/2016 and pending at PP.
- Revised building plan was approved by competent authority dated 29th August 2016.
- The Unified Building Bye Laws released on 23.03.2016 stated that the projects having built up area from 5,000 to 1,50,000sqm were not required prior environment clearance separately. MoEF&CC also issued a Notification dated 09th Dec 2016 confirming the same and states that *"The integrated environmental conditions with the building permission being granted by the local authorities and the construction of buildings as per the size shall adhere to the objectives and monitor able environmental conditions as given at Appendix-XIV"*.
- The MoEF&CC Notification dated 09th Dec 2016 was later quashed by NGT, Delhi on 8th Dec 2017.
- Project proponent was under impression that as per MoEF&CC Notification dated 22.12.2014 regarding only Hospital block required Environment Clearance not Hostels and others block, further EC was not required for Hospital block since the area was not increasing as per previous EC.
- Since the project has increased the No. of Beds from 200 to 765, the project was submitted to EAC, MOEF & CC and the project was taken up in EAC meeting dated 28.05.2019 and in between decided to change the design (internal design & others) and requested to EAC for withdraw the proposal.

- In addition to that hospital projects having built up area less than 1,50,000 sqm were exempted for Environment clearance vide MoEF&CC notification dated 15th Nov 2018 and states that "The projects or activities shall not include industrial sheds, educational institutions, hospitals and hostels for educational institutions." and quashed by NGT dated 03 Dec. 2018.
- The Structure and civil work of the project was completed within the validity period of Environmental Clearance. Reaming work like electrical, plumbing, flooring etc. was completed after expiry of EC.

During the presentation the project proponent confirmed that the environmental safeguards proposed in Environment Management Plan are in place in constructed building and STP of capacity 200 KLD along with ETP of 400 KLD (to be enhanced upto 485 KLD) has been provided.

B. After due deliberations, the SEAC in its 98th meeting (1st Sitting) held on 31.01.2022 recommended as follows:

1. The committee deliberated on the case and observed that as per Standard Operating Procedure (SOP) for identification and handling of violation cases under EIA Notification 2006 outlined in OM dated 07.07.2021 issued by MoEF&CC, GoI, although the Project is permissible but could not take revised Environmental Clearance for the proposed further expansion of the building for which Environmental clearance was obtained on 16.03.2011.
2. The committee noted that Delhi Development Authority notified the Unified Building Bye Laws (UBBL) for Delhi vide notification S.O. No. 1191 (E) dated 22.03.2016 after getting the concurrence of MOEF & CC, GOI and notifying that there will be no need for seeking EC for buildings with BUA>20,000 Sq.m and up-to 1,50,000 Sq.m after the notification is issued by MOEF & CC, GOI empowering Local Bodies to approve building plans after ensuring that the required environmental safeguards were met.
3. Notification dated 09.12.2016 issued by MoEF&CC, GOI to the above effect of UBBL 2016 was stayed/ quashed by NGT on 08.12.2017 in OA. No. 677 of 2016, inter-alia directing that till the time the Ministry comply with the directions contained

in its aforesaid order and notifies the amended provisions of Regulations of 2006; it will not implement the impugned Notifications.

4. In the mean time Revised building plan of the project was approved by the competent authority (NDMC) on 29th August 2016 as confirmed by the project proponent during presentation.

As such the stay by Hon'ble NGT vide order dated 08.12.2017 missed the much needed a wide publicity among the construction authorities and construction in this intervening period continued under an uncertain state of subjudice affairs about applicability of environment clearance and project under consideration had the environmental clearance for initially conceptualised building plans.

The hospital projects having built up area less than 1,50,000sqm were again exempted from Environment Clearance vide MoEF&CC, GoI notification dated 15th Nov 2018 but the aforesaid notifications has also been stayed by Hon'ble High Court of Delhi in Writ Petition(C) no. 12517 of 2018 titled as Society For Protection Of Environment & Biodiversity (SPENBIO) Vs Union of India, vide order dated 26.11.2018. The said writ petition is still pending consideration before the Hon'ble High Court.

Although MoEF&CC, GoI notifications dated 09.12.2016 and 15.11.2018 were quashed/ stayed by Hon'ble NGT and the Hon'ble High Court of Delhi respectively the expansion of the Hospital went ahead without seeking revised EC although after realising the lapse in the wake of frequent change in law position the project authorities approached to MoEF&CC, GoI in May, 2019 .

5. The Committee further observed that the project relates to a hospital of Govt. of Delhi and played an important role during the Covid-19, Pandemic when it was declared a Covid Care Facility in 2020 to deal with the unprecedented menace of Corona Virus in Delhi. The committee also observed that the project is for a vast benefit to the society at large providing medical care in the line with the commitment of Govt. of Delhi for the residents. There is no commercial angle in bringing up a govt hospital.
6. The Committee also noted that the violation did not seem to be willful, intentional or deliberate as there did not seem to be any intent on the part of the Project Proponent

to evade the applicable legal regime. Considering that the legal position with respect to applicability of the condition of Environmental Clearance to the Project in question during the concerned period remained in flux and is still sub-judice, the Committee is of the considered view that no coercive action should be taken in respect of the offending expansion. This is also in consonance with the ratio in the case of Goan Real Estate and Construction Ltd. Vs. Union of India, (2010) 5 SCC 388 and Judgment dated 26 November, 2021 in M/s Sai Baba Sales Pvt. Ltd. vs Union Of India Civil Appeal No. 595 OF 2021 wherein the Hon'ble Supreme Court directed that the construction already raised should be protected. It is noteworthy that in the latter case, the Hon'ble Apex Court was also dealing with the subject notifications dated 09.12.2016 and 15.11.2018 issued by MoEF&CC, GoI.

7. The Committee further observed upon examination of the Compliance Report submitted by the Project Proponent, that there was no major deviation and found that the Project Proponent had made substantial compliance in adhering to the environmental norms.
8. Accordingly, the committee taking a lenient view recommended that a notional damage assessment of 0.5% of the project cost incurred during expansion be recommended to SEIAA for issuing directions to project proponent. During the presentation the project proponent clarified that project cost indicated in its application of environmental clearance are the sanctioned project costs and the project cost actually incurred in carrying out expansion up to date of filing of application will be confirmed at the earliest. Accordingly a letter dated 05.02.2022 has been received clarifying the cost of expansion as Rs 26 Crores.(Copy enclosed as Annexure-I)
9. The committee recommended the case to SEIAA for issuance of Environmental Clearance for the expanded hospital once the damage assessed @ 0.5% of the project cost attributable to the expansion is deposited with Delhi Pollution Control Committee condoning the violation done by a health care establishment established for benefit of the society at large.

[Handwritten signatures and initials]
24 of 30

Agenda No 5

Case No. C-369

Name of the Project	EC for Development/Redevelopment of Executive Enclave at Plot No. 36 & 38, New Delhi
Project Proponent	Sudhir Kumar Tiwari, Executive Engineer, M/s Central Public Works Department (CPWD), Ministry of Housing and Urban Affairs (MoHUA), A Wing, Nirman Bhawan, New Delhi, Delhi-110002
Project EIA coordinator present during the meeting	Dr. Kamal Kishor Gangwar, M/s Kadam Environmental Consultants.
Rep. Of the PP present during the meeting	Ms. Thara D., Additional Secretary, MoHUA Sh. P. S. Chauhan, SDG, CPWD Sh. Ram Dayal, Chief Engineer, CPWD Mr. Sudhir Kumar Tiwari, Executive Engineer, CPWD Mr. Sunny Chaitiani, Mr. Kahan Vyas, Project Architect, HLP Design, Planning and Management Pvt. Ltd.
Proposal No.	SIA/DL/MIS/246726/2021
File No.	DPCC/SEIAA-IV/C-369/DL/2021

A. Details of the proposed project are as under:

1. The Proposal is for grant of EC for Development/Redevelopment of Executive Enclave at Plot No. 36 & 38, New Delhi by M/s Central Public Works Department .
2. The project is located at
Block A: Latitude: 28°36'38.29" N, Longitude: 77°12'21.93" E.
Block B: Latitude: 28°36'33.85" N, Longitude: 77°12'33.07" E.
3. **Area Details:** The total Plot Area of the project is 81,808.96 sqm. The total Built-up Area (BUA) will be 90,000sqm i.e. The Built-up Area (without basement) is 61000 sqm, Basement Area is 21600 and Contingency Area is 7400 sqm. Existing Built up Area to be demolished is 47,000 sqm. The maximum permissible Ground Coverage is 40,904.48 Sq.m and actual Ground Coverage achieved is 18900 Sqm. The total no. of proposed buildings are 05 nos. & number of floors of each building are B+G+1, B+G+1, B+G+3, B+G+3, B+G+3 respectively. Maxi. height of the building is 27m

25 of 30

Adish
Sudhir
Com
Chauhan
Kishor
Sunny
Kahan
Vyas
Sudhir
Thara
P. S.
Ram
Dayal
Sudhir
Kumar
Tiwari
Sunny
Chaitiani
Kahan
Vyas
Project
Architect
HLP
Design
Planning
and
Management
Pvt. Ltd.

4. Water Details :

- During construction phase, 291 KLD non-potable water will be required for construction purposes. This requirement will be met from Okhla STP. In addition, potable water of 324 KLD for domestic purpose will be met from NDMC supply. Waste water generated will be collected and treated in an on-site waste water/ sewage treatment plant and will be reused either in gardening, construction related works such as curing or flushing or sprinkling as required after securing necessary consents.
- During operational phase, total water requirement of the project is expected to be 462 KLD and the same will be met by 146 KLD fresh water from NDMC and 316 KLD treated water from Okhla STP. Wastewater generated (170 KLD) will be treated in 2 STPs of capacity 100 KLD each. Treated wastewater from on site STPs (162 KLD) will be recycled and re-used. Water required for HVAC (278 KLD) and Horticulture /Landscaping (200 KLD) will be met from treated water from Okhla STP and on site recycled water. The project is designed as a Zero Liquid Discharge (ZLD) project
- Rooftop rainwater of buildings will be collected in RWH tanks. For the PMO building, the harvesting tank capacity is 200 KL, and for the other buildings, the harvesting tank capacity is 100 KL.

5. Solid Waste Details :

- During Construction phase, >300 tones of C&D waste is likely to be generated during the project which will be re-used and recycled either at Proposed Site or at C&D Waste Management Facility (C&DWMF). About 720 Kg/day of Municipal Solid Waste will be generated in the project. The biodegradable waste (288 Kg/day) will be processed in Organic Waste Converter (OWC). The non-biodegradable waste (288 Kg/day) and Inert Waste (144 kg/day) will be handed over to authorized local vendor.
- During Operation phase, About 726 Kg/day of Municipal Solid Waste will be generated in the project. The biodegradable waste (311.6 Kg/day) will be processed in Organic Waste Converter (OWC). The Non-Biodegradable Waste (331.2 Kg/day) and Inert Waste (83.2 kg/day) will be handed over to authorized local vendor. C&D waste if generated will be handled in the same manner as done during construction phase.

6. Power Details :

The total power requirement during construction phase is 400 KW and will be met from NDMC and total power requirement during operational phase is 5778 KW and will be met from NDMC. For Power backup during construction phase, DG sets of Capacity 1×500 kVA and during Operational phase, DG sets of Capacity 6×2000 kVA (04 working and 02 standby) will be installed. 135 KWp rooftop PV system is proposed to harvest solar energy in the project.

7. **Parking facility:** The total proposed parking facility is 520 ECS (320 ECS within site boundary and 200 ECS are proposed in additional plots)
8. **Eco-Sensitive Areas:** Distance from Asola Bird Sanctuary is 12.79 Km SSE and Okhla Wildlife Sanctuary is 9.67 km SE from the project site.
9. **Plantation:** Total green area proposed is 28,500sqm. There are 784 trees present at the site. Out of these, 154 trees are proposed to be retained and 630 trees are proposed to be transplanted. No. of tree plantation required (1 tree per 80 m^2 of plot area for development) is 787 nos. Total no. of trees to be (retained + planted) within project area is 788 (154+634) nos.
10. **Cost of the project:** Total cost of the project is Rs. 1381 Crores.

B. After due deliberations, the SEAC in its 98th meeting (1st Sitting) held on 31.01.2022 recommended as follows:

Based on the information furnished, documents shown & submitted, presentation made by the project proponent, SEAC sought the following information:

1. Building Plan approval from NDMC, DUAC and Delhi Fire Service.
2. The trees on the site form an important part of the natural heritage of the city. While the ground coverage on the site is reducing from existing 40% to around 20%, about 80% of the existing trees are proposed to be removed. This is an excessively high proportion. An existing tree inventory with species and girth of each tree may be prepared, along with a baseline green area map, showing all trees – (a) trees to be

retained, (b) trees to be removed due to building ground coverage, (c) and trees to be removed due to additional paved area. Attempt may be made to increase the trees to be retained.

3. Revised proposal with enhanced requisite number of tree plantation. Complete plan for transplantation of trees (trees being retained and trees being transplanted) with detail of the proposal for survival of transplanted trees along with the layout indicating location of trees with reasons/ justification for not transplanting the trees within the project sites.
4. It was noted that valuable open area was being used for at-grade parking. Proponent to provide justification why all parking cannot be accommodated in basements or stilts. Also plans to be provided showing that no trees are being cut or transplanted for provision of the at-grade parking.
5. Wherever tree plantation is being taken up, preferably large shade-giving native trees should be planted and not just ornamental trees. Tree-pit size of 6'x6' to be ensured.
6. It was noted that the site has been enclosed by high boundary walls and buildings set far back from the footpaths of external Roads, which compromises safety of women on footpaths. This aspect needs to be addressed through suitable design interventions and technological measures.
7. The measurement of the area covered by the parking provision and the area covered for building use.
8. Rain water harvesting needs to be revised taking into account the recent flash rain data and actual percolation rate of the soil at site. Calculate runoff from (a) roof top, (b) other paved areas, and (c) green areas separately. Review peak rainfall runoff threshold used in the calculation – given the experience of last 5 years with extreme rainfall events and likely increase in frequency with climate change in the next 50 years and create adaptive strategy accordingly.
9. Prepare management strategy for each of these (a) roof top, (b) other paved areas, and (c) green areas

Adish

Paul

28 of 30


Compliment
Paul
W. S. J. Sh. Sa
Wong

- a. Design natural storm water retention capacity in the green areas by marginal lowering, and gradient management, which can enhance natural percolation, and indicate the same in m³,
 - b. Design separate storm water retention and recharge or reuse capacity for rooftop runoff and paved areas.
10. Justification for providing 135 KWp rooftop Solar PV System which is at lower side.
 11. Revised Geotechnical Report with cross-sectional view of rock strata along with details of pre and post monsoon water table in project area.
 12. Specific aspects relating to the project under reference are required to be submitted which are covered in Environmental Clearance dated 31.05.2021 along with the clarification on change of land use affected post EC dated 31.05.2021 in view of MoHUA Notification dated 04.08.2021 and 21.09.2021.
 13. PP is required to quantify the no. of labours and the detailed plan for the proposed labour camps for housing them.
 14. Proportion wise Step Diagram to be provided showing the amount of reduction in net per capita Energy Demand achieved as compared to base case scenario, through (i) Load Reduction Strategies, (ii) Passive Strategies, (iii) Renewables, and (iv) Energy Recovery strategies. Atleast 2 % of total energy demand to be sourced from Renewables. Percentage reduction through each of the aforesaid strategies to be provided in a consolidated diagram format for easy comprehension.
 15. Proposal for provisioning the energy audit during operation phase.
 16. Proportion wise Step Diagram showing the amount of reduction in Net Per Capita Water Demand achieved through (1) Each Demand reduction strategy (eg. Low flow fixtures, Xeriscaping etc.), (2) Recycling and Reuse.
 17. Elaborated effects of the building activity in altering the microclimates with revised self- assessment on the likely impacts of the proposed construction on creation of heat island & inversion effects
 18. Plan for managing, conserving the top soil excavated during construction and for its reuse.
 19. Provision for electric charging of the e-Vehicles as per Building Bye Laws.

20. Specify name and numbers of the post to be engaged by the proponent for implementation and monitoring of environmental parameters.

During the presentation the Additional Secretary, MoHUA and SDG, CPWD assured to review the proposal in best possible manner to implement the environmental safeguards in week.

Meeting ended with the vote of thanks to the Chair



(Vijay Garg)
Chairman


(Pankaj Kapil)
Member secretary


(Chetan Agarwal)
Member


(Ashish Gupta)
Member


(Jyoti Mendiretta)
Member


(Pranay Lal)
Member


(Paromita Roy)
Member


(Dr. Kailash Chand
Tiwari) Member


(Surinder Kumar
Juneja) Member


(Gopal Mohan)
Member


(Ankit Srivastava)
Member


(Dr. Sirajuddin
Ahmed) Member



कार्यालय कार्यपालक अभियन्ता

स्वास्थ्य परियोजना मण्डल (उत्तर)

लोक निर्माण विभाग (राष्ट्रीय राजधानी क्षेत्र दिल्ली)

डॉ० बी.एस.ए. अस्पताल परिसर सेक्टर-6, रोहिणी, दिल्ली-110085

फोन: 011-27933270

ई-मेल: eepwddelhihealthnorth@gmail.com



Office of the Executive Engineer

Health Project Division (North)

Public Work Department (GNCTD)

Dr. BSA Hospital Complex, Sector-6, Rohini, Delhi-110085

Phone: 011- 27933270

E-mail: eepwddelhihealthnorth@gmail.com

ANNEXURE (I)

SPEED POST/MAIL



संख्या 23(85)/कार्य.अभि./स्वा.परि.मं.(उत्तर)/लो.नि.वि./2021-22/122

दिनांक: 05/02/22

To,

The Chairman,
State Environment Expert Appraisal Committee, Delhi
5th Floor, ISBT Building,
Kashmere Gate,
Delhi 110006

**Sub: Environment Clearance for expansion of Hospital Project at Kaushik Enclave,
Burari, New Delhi**

Dear Sir,

With reference to above referred subject matter and the Appraisal at SEAC, Delhi meeting dated 31st Jan.2022, this is to intimate you that after expiry of the EC the expense incurred in the project was 26.62 crores.

We have already declared that the structural construction was completed during the time of valid EC period and only minor work (electrical/plumbing/ flooring etc.) and fixtures was done after expiry of the EC and we require the valid EC for obtaining Consent to Operate from Delhi State Pollution Control Committee.

Keeping in view of the ongoing covid-19 pandemic and benefit of society in large as it is a life saving government infrastructure project, we request the Hon'ble Chairman and Hon'ble Members of the SEAC to kindly take the lenient view to extend the validity of EC for the project for the purpose of obtained Consent to Operate from Delhi State Pollution Control Committee.

Thanking you.

Yours sincerely,

कार्यपालक अभियन्ता
स्वा.परि.मण्डल(उ०), लोनिवि
डॉ० बी.एस.ए. अस्पताल परिसर
सेक्टर-6, रोहिणी, दिल्ली