STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)-DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006

Minutes of the 61st meeting of State Level Environmental Impact Assessment Authority (SEIAA) held on 20.06.2022

The 61st meeting of State Level Environmental Impact Assessment Authority (SEIAA) was held on 20.06.2022 at 04:00 PM under the Chairmanship of Sh. Sarvagya Kumar Srivastava. The following members of SEIAA were present in the meeting:

1. Sh. Sarvagya Kumar Srivastava - In Chair
2. Ms. Reena Gupta - Member
3. Sh. K.S. Jayachandran - Member Secretary :Through VC

Following DPCC Officials assisted the SEIAA:

1. Sh. Amit Chaudhary (EE), DPCC
2. Sh. Rohit Kumar Meena (JEE), DPCC

(Sarvagya Kumar Srivastava)
Chairman, SEIAA

(K.S. Jayachandran)
Member Secretary, SEIAA

(Reena Gupta)
Member, SEIAA

Agenda 1

Case No C-393

Name of the Project	EC for Expansion of INT Hospital at Sector-10, Dwarka, New Delhi
Project Proponent	Dheeraj Kumar, M/s Muthoot Hospitals Private Limited, R-649,NewRajendra Nagar, New Delhi- 110060
Proposal No.	SIA/DL/MIS/267335/2022
File No.	DPCC/SEIAA-IV/C-393/DL/2022

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of EC for Expansion of INT Hospital at Sector-10, Dwarka, New Delhi by M/s Muthoot Hospitals Private Limited
2. The Project is located at **Latitude:**28°34'55.57"N; **Longitude:**77° 3'6.54"E
3. **Area Details:**
   The Total Plot Area of the project after expansion will remain the same i.e. 35007.46 sqm and The Total Built-up Area of the project will increase from 44017.99 sqm (as per previous EC dated 14.03.2018) to 63,739.43sqm. The FAR of the project will increase from 19306.36 sqm to 28,597.21 sqm and the Non-FAR area will be 35,142.22sqm. The area of Basements will decrease from 23924.82 sqm to 22,347.44sqm.There will be 3 levels of the basement in the hospital block with a basement area of 22,347.44 sqm. A bunker block is proposed which will have 3 basements with basement area of 11986.10 sqm. The no. of Towers will increase from 1 no. to 3 nos. and no. of Floors will change from3B+G+SF+8 to 3B+G+SF+10 + Utility Block + Bunker Block. The Total no of Beds will increase from 270 to 414 nos. and Population will decrease from 6770 to 6210. The Max. Height of the Building after expansion will increase from 33.6 m to 42 m (upto terrace level).
4. **Water Details:**
   During Construction Phase, Treated water requirement is 22 KLD out of which water required for construction activity is approx. 15 KLD which is being met from Pappankalan STP. Same will be followed for the proposed expansion also. Around 4 KLD of waste water will be generated which will be disposed of through septic tanks with soak pits. For Labours, Mobile toilets will be provided at the site.
   During Operational Phase (after Expansion), Total Water requirement of the project will be 403 KLD which will be met by 173 KLD of Fresh water from Delhi Jal Board and 230 KLD of Treated water from in house STP. Total Waste water generated will be 242 KLD which will be treated in house STP of 300 KLD capacity. Out of 242 KLD, The Waste water generated from Domestic and other purposes will be 227 KLD and waste water from Lab will be 18 KLD. The Waste water from Lab i.e. 18 KLD will be treated in house ETP of 25 KLD capacity and treated waste water from ETP i.e. 17 KLD will be

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send to STP for further treatment. Treated Water from STP will be 230 KLD which will be recycled and reused for Flushing (102 KLD), Gardening (18 KLD), DG Cooling/ HVAC (110 KLD).

Number of Rain Water Harvesting (RWH) Pits proposed are 10 nos. with a capacity of 1399.2 cum.

5. **Solid Waste Details**

During Construction Phase, Total 22.5 kg/day of Solid Waste will be generated which will be disposed off at Municipal solid waste site. C & D waste generated at the site will be reused to the extant possible at the site and rest will be sent to C&D Facility.

During the Operation Phase (after Expansion), Total 1056 kg/day of Solid Waste will be generated from the project. Out of which, Bio-Degradable Waste of 739 kg/day will be treated 2 number of in House OWCs and176 kg/dayof Non-Biodegradable Waste (Recyclable and Non Recyclable) will be disposed through approved Recyclers. Plastic Waste generated will be 53 kg/day which will be disposed through approved Recyclers. Bio-Medical Waste generated will be 155 kg/day which will be disposed through approved CBWTF.

6. **Power Details:**

During Construction Phase, Power requirement will be38 kVA which will be supplied through temporary connection of BSES Rajdhani. For Power backup, DG sets of capacity 1x125kVA will be installed.

During Operation Phase (after Expansion), Total Power requirement will be 4000 kVA and will be supplied by BSES Rajdhani. For Power Back up, DG sets of Capacity 1x2000 kVA and 1x1000 kVA will be installed.

2 % of the total power requirement will be met through Solar Power.

7. **Parking Facility Details:**

After Expansion, Total Parking Required will be572ECS and Total Proposed Parking will be 597 ECS and 5 no. of ambulance parking on surface & basements. Electrical vehicles provision of 119 ECS i.e. 20%of total parking provision will be provided.

8. **Eco-Sensitive Areas Details:**

Distance of Okhla Wildlife Sanctuary from project site is 23.59 Km ESE and from Asola Wildlife Sanctuary is 17.34 Km SE.

9. **Plantation Details:**

The proposed Green Area is8844 sqm. (25.3 % of total plot area). Total no. of trees required at the site are 437 nos. and Total no. of trees proposed are 440 nos. At present no trees exist at the project site

10. **Cost Details:** Total Cost of the project after expansion is Rs 352 Crores. Out of the total cost, Expansion cost is Rs 32 Crores.

The PP has submitted the certified compliance report of previous Environment Clearance from the Regional Office of MoEF&CC issued vide Letter dated 13.04.2022. The point wise compliance was deliberated during the presentation given by the Project Proponent. As per the aforesaid Compliance Report and Presentation given most of the EC conditions have been reported to be complied/ agreed for compliance or being complied except the following:

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1. PP has not submitted the traffic management plan to avoid traffic congestion near entry and exit point
2. Toilets with soak pit has been provided for labour camp instead of Packaged/ Mobile STP for labour camp during the construction phase.
3. During the inspection, the Status of compliance to the various stipulated environmental conditions and environmental safeguards were not available on the website of the unit.

The PP has submitted Potable and Non Potable Water Calculation vide letter dated 25.04.2018 issued by DJB.

B. After due deliberations, the SEAC in its 103rd Meeting held on 07.05.2022 based on the information furnished, documents shown & submitted, presentation made by the project proponent and recommended the case to SEIAA for grant of Environmental Clearance imposing the following specific conditions:

Specific Conditions

1. PP shall abide with the traffic management plan to avoid traffic congestion near entry and exit point.
2. PP shall provide Packaged/ Mobile STP for labour camp during the construction phase before taking up the construction for the proposed expansion.
3. The Status of compliance to the various stipulated environmental conditions and environmental safeguards should be made available on the website of the unit within 90 days of issuance of Environmental Clearance.
4. The PP shall provide electric charging points in parking areas for e-vehicles for at-least 20% of car park as committed.
5. Treated water of DJB STP should be used for construction purposes with tertiary treatment of treated water of DJB STP to ensure it is fit for construction use.
6. Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work. All recharge should be limited to shallow aquifer.
7. IoT based Flow Meters/ Sensors should be installed to monitor consumption of fresh water as well as treated water and log book for these flow meters be maintained in a regular manner. Flow meters shall be installed at Inlet of STP, outlet of STP, inlet of flushing tanks, inlet of cooling water tanks and reuse line for horticulture purposes and at the final outfall/ sewer connection. Calibration for all the Flow meters shall be maintained on quarterly basis.
8. Only LED lighting fixtures should be used.
9. Green building norms should be followed with a minimum 3 star GRIHA/IGBC/ASSOCHAM GEM rating and Gold rating should be followed up.
10. Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.
11. Wind- breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 metres shall be provided all around the project site before the start of construction.

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12. The Project Proponent should take measures for control of Dust Pollution during construction phase in the Environmental Management Plan by taking measures as per MoEF&CC 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/CPCB/DPCC extant statutory orders/guidelines/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.
13. The cost of Environment Management Plan should be distinctly allocated in the budget of the project and details of the same along with time frame of the implementation should be reported in six monthly monitoring reports.
14. In view of MoEF&CC Office Memorandum No. 21-270/2008-IA.III dated 19.06.2013 read with MoEF&CC Office Memorandum No. 22-154/2015-IA.III dated 10.11.2015, this environmental clearance is granted focusing only on the environment concerns. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations.
15. The Environmental Clearance is subject to the condition that concerned local civic agencies will give the permission for use/ occupation of the building only after the written assurance of DJB/ New Delhi Municipal Council / other such local civic authority (as the case may be) regarding supply of adequate water for the residents/ occupiers.
16. Grant of environmental clearance does not necessarily implies that water/ power supply shall be granted to the project and that their proposals for water/ power supply shall be considered by the respective authorities on their merits and decision taking.
17. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from water/ power supply angle shall be entirely at the cost and risk of the project proponent and SEAC/SEIAA, Delhi shall not be responsible in this regard in any manner.
18. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/ reused for flushing, AC makeup water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
19. Advanced oxidation process should be used in STP and ETP to ensure proper treatment of drug residues and its metabolites.
20. The PP shall provide toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia) detectors for STP area.
21. The Rain water harvesting pits should be increased taking into the account the recent higher flash rain data along with actual percolation rate of the soil at site and as per standard environment clearance conditions stipulating one recharge bore for 5000 sqm of Built up Area whichever is more.

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22. Bio medical waste should be segregated separately to ensure that no bio medical waste leachate should enter in the Rain water harvesting system.
23. Gas based generator sets shall be installed as committed during presentation.
24. At least 2 % of the total energy demand to be sourced from renewable energy.
25. Energy audit shall be carried out periodically to review energy conservation measures.
26. All sensor/meters based equipments should be calibrated on quarterly basis.
27. The green building consultant should be hired for yearly audit since inception of the project.
28. Proper management strategy for Bio-medical waste/ Liquid effluent as per Bio-Medical Waste Management Rules, 2016 and relevant guidelines of MoEF&CC/ CPCB.
29. The PP shall adhere to the revised figures of e-waste/ used oil generation as per information submitted during the presentation.

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022.

C. The SEIAA during its meeting took the following decisions (s):

The SEIAA approved the recommendations of SEAC taken on 07.05.2022 for issuance of Environmental Clearance (EC) to the project with the additional specific conditions as follows:

1. ***The Project Proponent should implement the guidelines issued by committee Guidelines/ mechanism for using Anti Smog Gun in construction and Demolition projects having built-up area greater than 20,000 sqm issued by Department of Environment, NCT of Delhi, vide letter no. F. No.DPCC/(12)(1)(285)lab2020/2790-2810 dated 16.09.2021 available at https://dustcontroldpcc.delhi.gov.in/Upload/GuidelinesPDF/43/FilePDF_43_723774.PDF.Besidesuse of Anti-Smog Gunn the Project Proponent shall ensure that environment friendly Dust suppresant and soil stabilising chemical would be sprayed at prescribed interval on unpaved area of the construction sites to agglomerate the fine dust particles into aggregate too large to become airborne. This must be done in all those areas where there is movement of trucks and other construction machinery at frequent intervals to prevent formations of fine dust particles.***
2. ***The Project proponent shall install reference-grade (USEPA approved system) Continuous Particulate Monitoring System consisting of three nods capable of monitoring dust emission from the construction site. The system must have the capacity for simultaneous monitoring of PM2.5 and PM10 and equip for data transfer on a real-time basis to the server of DPCC.***

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
Chairman, SEIAA	Member Secretary, SEIAA	Member, SEIAA

Agenda 2

Case No C-392

Name of the Project	EC for Proposed Commercial Cum Multiplex at Plot No.34, Pocket/Block A-2, Paschim Vihar, Delhi by Panch Tatva Promoters Pvt. Ltd
Project Proponent	Pradeep Kumar Agrawalla, Chairman, M/s Panch Tatva Promoters Pvt.Ltd, Unit No.105, First Floor, Vardhmans Sidhant Shopping Plaza, LSC Savita Vihar, East Delhi-110092,East,Delhi-110092
Proposal No.	SIA/DL/MIS/265390/2022
File No.	DPCC/SEIAA-IV/C-392/DL/2022

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of EC for Proposed Commercial Cum Multiplex at Plot No.34, Pocket/Block A-2, Paschim Vihar, Delhi by M/s Panch Tatva Promoters Pvt. Ltd
2. The Project is located at **Latitude:**28°40'9.37"N; **Longitude:** 77° 5'53.47"E
3. **Area Details:**
   The Total Plot Area of the project is 2166.00sqm. The Proposed Total Built-up Area is 23452.723 sqm. The Proposed FAR Area is 8890.914 sqm. The proposed Total Basement Area is 6393.993 sqm. The Proposed Ground Coverage is 1399.941 sqm. The total no. of Basements will be 3 nos. The total nos. of floors will be 3B+G+15+T including a Multiplex. The total no of expected population is 3339 persons. The Max. Height of the building (upto the terrace level) is 64.05 m.
4. **Water Details:**
   During Construction Phase, Total Water requirement will be 9.92 KLD including 1.54 KLD of potable water which will be met from DDA authorized water tanker supply. On-site toilets and other sanitation facilities will be provided for construction workers. Sewage from the construction site will be disposed into mobile STP of 2 KLD Capacity.
   During Operational Phase, Total Water requirement of the project will be 92.49 KLD which will be met by 32.24 KLD of Fresh water from Delhi Jal Board and 60.25 KLD of Treated water from in house STP. Total Waste water generated will be 66.95 KLD which will be treated inhouse STP of 81 KLD capacity. Treated Water from STP will be 60.25 KLD which will be recycled and reused for Flushing (41.16 KLD), Gardening (8 KLD), DG Cooling and sprinkling (11.09 KLD).
   Number of Rain Water Harvesting (RWH) Pit proposed are 2 nos.
5. **Solid Waste Details**
   During Construction Phase, Total 52 kg/day of solid waste will be generated. Construction debris will be collected and stored at earmarked place for reuse and disposal at Delhi Development Authority (DDA) designated dumping site through authorized vendors

(Sarvagya Kumar Srivastava)
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During the Operation Phase, Total 1670 kg/day of Solid Waste will be generated from the project. Out of which, Bio-Degradable Waste will be treated inhouse OWC of 1170 Kg/day capacity and Non-Biodegradable Waste (Recyclable and Non Recyclable) will be disposed through govt. approved recyclers.

6. **Power Details**
   During Construction Phase, Power requirement will be 50 kVA.
   During Operation Phase, Total Power Demand/ requirement will be 1000 kVA and will be met from Grid supply of Delhi Power Department. For Power Back up, DG sets of Capacity 2x450 kVA and 1x150 kVA will be installed.
   Solar energy will be harnessed to meet various energy requirements of project. Solar water heating system will be installed to meet 20% of the hot water demand of the building. Solar PV system will provided as per desired capacity.
7. **Parking Facility Details:** Total Parking required is 175 ECS and Total Proposed Parking is 251 ECS.
8. **Eco-Sensitive Areas Details:** Distance of Okhla Wildlife Sanctuary from project site is 22.29 Km SE and from Asola Wildlife Sanctuary is 25.52 Km SE
9. **Plantation Details:** The proposed Green Area is 648.9 sqm. (30 % of total plot area). Total no. of trees required at the site are 8 nos. and Total no. of trees proposed are 10 nos.
10. **Cost Details:** Total Cost of the project is Rs 50 Crores (approx.).

B. After due deliberations, the SEAC in its 103rd Meeting held on 07.05.2022 recommended that Project be delisted as the Project needs to be revisited/ redesigned with alteration of the Basement area to avoid/ save the cutting of the trees and for maintaining the soft green area/ construction material management area and plantation within the project site as per extant tree policies.

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022.

C. The SEIAA during its meeting took the following decisions (s):

The SEIAA decided to delist the project approving the recommendations of SEAC made on 07.05.2022.

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
Chairman, SEIAA	Member Secretary, SEIAA	Member, SEIAA

Agenda 3

Case No C-391

Name of the Project	EC for Proposed Commercial Complex at Plot No.G-1, District Centre, Netaji Subhash Place, New Delhi by M/s Panch Tatva Promoters Pvt. Ltd.
Project Proponent	Pradeep Kumar Agrawalla, Chairman, M/s Panch Tatva Promoters Pvt.Ltd, Unit No.105, First Floor, Vardhmans Sidhant Shopping Plaza, LSC Savita Vihar, East Delhi-110092,East,Delhi-110092
Proposal No.	SIA/DL/MIS/265459/2022
File No.	DPCC/SEIAA-IV/C-391/DL/2022

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of EC for Proposed Commercial Cum Multiplex at Plot No.G-1, District Centre, Netaji Subhash Place, New Delhi by M/s Panch Tatva Promoters Pvt. Ltd
2. The Project is located at **Latitude:**28°41'30.60"N; **Longitude:** 77° 9'5.09"E
3. **Area Details:**
   The Total Plot Area of the project is 3612.00 sqm. The Proposed Total Built-up Area is 24767.201 sqm. The Proposed FAR Area is 10163.865 sqm. The proposed Total Basement Area is 7055.556 sqm. The Proposed Ground Coverage is 1801.957 sqm. The total no. of Basements will be 2 nos. The total nos. of floors will be 2B+G+18+T. The total no of expected population is 1837 persons. The Max. Height of the building (upto the terrace level) is 70.95 m.
4. **Water Details:**
   During Construction Phase, Total Water requirement will be 9.94 KLD including 1.56 KLD of Potable water which will be met from DDA authorized water tanker supply. On-site toilets and other sanitation facilities will be provided for construction workers. Sewage from the construction site will be disposed into mobile STP of 2 KLD Capacity.
   During Operational Phase, Total Water requirement of the project will be 63.39 KLD which will be met by 23.50 KLD of Fresh water from Delhi Jal Board and 39.89 KLD of Treated water from in house STP. Total Waste water generated will be 44.32 KLD which will be treated in house STP of 100 KLD capacity. Treated Water from STP will be 39.89 KLD which will be recycled and reused for Flushing (25.52 KLD), Gardening (2 KLD), DG Cooling an sprinkling (12.37 KLD).
   Number of Rain Water Harvesting (RWH) Pit proposed are 3 nos.
5. **Solid Waste Details**
   During Construction Phase, Total 52 kg/day of solid waste will be generated. Construction debris will be collected and stored at earmarked place for reuse and disposal at Delhi Development Authority (DDA) designated dumping site through authorized vendors.

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Chairman, SEIAA

(K.S. Jayachandran)
Member Secretary, SEIAA

(Reena Gupta)
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During the Operation Phase, Total 918 kg/day of Solid Waste will be generated from the project. Out of which, Bio-Degradable Waste will be treated inhouse OWC of 650 Kg/day capacity and Non-Biodegradable Waste (Recyclable and Non Recyclable) will be disposed through authorized vendors.

6. **Power Details**
   During Construction Phase, Power requirement will be 100 kVA.
   During Operation Phase, Total Power Demand/ requirement will be 1700 kVA and will be met from Grid supply of Delhi Power Department. For Power Back up, DG sets of Capacity 2x700 kVA and 1x300 kVA will be installed.
   Solar energy will be harnessed to meet various energy requirements of project. Solar water heating system will be installed to meet 20% of the hot water demand of the building. Solar PV system will provided as per desired capacity.
7. **Parking Facility Details:** Total Parking Required is 307 ECS and Total Proposed Parking is 317 ECS.
8. **Eco-Sensitive Areas Details:** Distance of Okhla Wildlife Sanctuary from project site is 20.21 Km and from Asola Wildlife Sanctuary is 24.69 Km SE
9. **Plantation Details:** The proposed Green Area is 361.2 sqm. (10 % of plot area). Total no. of trees required at the site are 4.5 nos. and Total no. of trees proposed are 5 nos.
10. **Cost Details:** Total Cost of the project is Rs 60 Crores (approx.).

B. After due deliberations, the SEAC in its 103rd Meeting held on 07.05.2022 recommended that Project be delisted as the project needs to redesigned with alteration in Basement area/ planning to accommodate tree plantation as extant tree policies/ soft green area/ construction material management within the project site.

In the mean time Project Proponent has submitted withdrawal request on Parivesh Portal.

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022.

C. The SEIAA during its meeting took the following decisions (s):

The SEIAA decided to delisting / withdrawal of the project in view of the recommendations of SEAC made on 07.05.2022.

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
Chairman, SEIAA	Member Secretary, SEIAA	Member, SEIAA

Agenda No 4

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
Proposal No.	SIA/DL/MIS/238798/2021
File No.	DPCC/SEIAA-IV/C-368/DL/2021

A. Revised 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 21647.5 sq.m. Area to be demolished having built up area is 129.32 sqm. The Proposed Ground Coverage is 2099.49sqm.The Maximum Number of Floors are (B+G+10) nos. .Maximum Height of the proposed Building (up to 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 (proposed building) 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

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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. Total requirement of existing operational hospital building is 305.3 KLD including Fresh water requirement of 167.7 KLD and Treated water of 137.6 KLD is being sourced from the existing STP of 200 KD for treating the waste water of 190.24 KLD.

5. **Solid Waste Details :**
   During Operation phase of proposed expansion, 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 in addition to the 0.4-0.5 TPD of Bio medical waste being generated from the existing project which will be disposed off through authorized CBWTDF. 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 be1241 KVa and will be supplied by BSES. For Power Back up, DG sets of Total Capacity 1410 kVA (1 × 1010 kVA & 1 × 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 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 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.

As per information submitted by the PP, 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.

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
Chairman, SEIAA	Member Secretary, SEIAA	Member, SEIAA

After due deliberations, the SEAC in its 98th Meeting (1st Sitting) held on 31.01.2022,based on the information furnished, documents shown & submitted, presentation made by the project proponent recommended to seek the additional information which has been responded back by the project proponent on 06.05.2022 as follows:

<table>
<tr><th>S.No.</th><th>Information Sought by SEAC during SEAC Meeting dated 31.01.2022</th><th>Reply dated 04.05.2022 submitted on 06.05.2022</th></tr>
<tr><td>1.</td><td>Building Plan approval from DDA/ Local Body, DUAC and Delhi Fire Service.</td><td>PP has informed that Layout drawing has been submitted to South Delhi Municipal Corporation (SDMC) for approval.
PP has attached an online receipt of the same.</td></tr>
<tr><td>2.</td><td>Proposal/ Plan for shifting the existing STP/ providing the new STP at different location is required to be submitted</td><td>PP has attached a drawing indicating location of new STP and old STP as well as the lines connecting them to drain point.</td></tr>
<tr><td>3.</td><td>Revised area statement for the existing building as well as for the proposed building after expansion is required to be submitted</td><td>PP has attached an Area statement of existing and proposed building which is as follows:
<table>
<tr><th>Particulars</th><th>Existing (sqm)</th><th>Proposed (sqm)</th><th>Total (sqm)</th></tr>
<tr><td>Plot Area</td><td>85210.40</td><td>-</td><td>85210.40</td></tr>
<tr><td>Net Plot Area</td><td>81635.45</td><td>-</td><td>81635.45</td></tr>
<tr><td>Ground Coverage</td><td>16413.58</td><td>2099.49</td><td>18513.08</td></tr>
<tr><td>Built-up Area</td><td>38643.63</td><td>21647.5</td><td>60291.13</td></tr>
</table>
PP has also attached Revised Form 1, Form 1A with respect to area statement submitted.</td></tr>
<tr><td>4.</td><td>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</td><td>PP has attached a Revised Environment Management Plan (EMP) for dust mitigation measures during construction.</td></tr>
</table>

(Sarvagya Kumar Srivastava)
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(K.S. Jayachandran)
Member Secretary, SEIAA

(Reena Gupta)
Member, SEIAA

<table>
<tr><td></td><td>PM 2.5, PM 10.</td><td></td></tr>
<tr><td>5.</td><td>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.</td><td>PP has attached the Traffic Impact Assessment including the Management Plan.</td></tr>
<tr><td>6.</td><td>Authority Letter/ Board Resolution authorizing the person for signing the application of Environmental Clearance.</td><td>PP has attached Board resolution regarding authorizing of the person for signing the application of Environmental Clearance.</td></tr>
<tr><td>7.</td><td>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.</td><td>PP has attached details of the following:
1. Area Statement of existing and proposed building including details of STP, ETP, DG Sets, RWH Pits, RWH Tank, Car Parking of Existing and proposed building.
2. Water Demand Calculation for Existing and Proposed Building
<table>
<tr><th>Particulars</th><th>Existing</th><th>Proposed</th><th>Total</th></tr>
<tr><td>Total Water Requirement</td><td>305.3 KLD</td><td>198 KLD</td><td>503.3 KLD</td></tr>
<tr><td>Fresh Water Requirement</td><td>167.7 KLD</td><td>109 KLD</td><td>276.7 KLD</td></tr>
<tr><td>Treated Water Requirement</td><td>137.6 KLD</td><td>89 KLD (STP: 75 KLD) (ETP: 18 KLD) 4 KLD to be discharged into Sewer with prior permission</td><td>226.6 KLD</td></tr>
<tr><td>Waste Water</td><td>190.24 KLD</td><td>105 KLD</td><td>295.24 KLD</td></tr>
</table></td></tr>
</table>

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		Generated | | | | **STP Capacity** | 200 KLD | 100 KLD | 350 KLD **ETP Capacity** | 55 KLD | 20 KLD | 75KLD **Total Water Requirement** | 305.3 KLD | 198 KLD | 503.3 KLD 3. Bio Medical Waste generation and its Management PP has informed that on an average about 400-500 kg/ day of Bio medical waste gets generated from the existing project and about 66 kg/day additional Bio Medical waste is expected to be generated due to proposed block which is being and will be stored in a segregated manner under Red, blue and Yellow category in a designated location within the project site. PP has informed that the segregated Bio Medical waste is being and will be handed over to biotic waste solution authorized by DPCC.
8.	The date of commissioning of existing operational Hospital.	PP has informed that date of commissioning of hospital is 06.01.1956.
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.	PP has informed that out of 81635.45 sqm Net Plot Area, 37024 sqm (45.35% of the net plot area) is under landscape comprising of soft area as well as paved area having high reflective finish. PP has also attached Landscape Plan with Landscape area statement. Details of Landscape area of the complete Holy Family Hospital Campus as provided by PP is as follows: **S.No.** | | **Particulars** | **Area** 1. | A | Net Plot Area | 81635.45 sqm 2. | B | Building Area | 19866.86 sqm 3. | C | Road Area | 15553 sqm 4. | D | Surface Parking | 6019 sqm 5. | E | Mechanical Parking Area | 3173 sqm

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		6. F=A-(B+C+D+E) Landscape Area 37024 sqm 7. Landscape Area in % 45.35 % 8. Hardscape + Softscape 9. F.1 Hardscape-Paved 7405 sqm 10. F.2 Softscape-Green 29619 sqm
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.	PP has attached the Landscape Plan indicating the location of tree plantation.
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.	PP has informed that the project site currently has approx 957 nos. of trees of 37 nos. of trees will be cut down and 09 nos. of trees will be transplanted. PP has also informed that all compensatory tree plantation i.e. 370 nos. of trees will be done at project site. PP has informed that no. of required nos. of trees is 1021 nos. and no. of achieved trees is 1374 nos. PP has also informed that Application for tree cutting is in process. PP has attached Landscape plan indicating the trees to be cut, trees to be shifted, compensatory plantation and trees in road widening.
12.	Revised proposal for locating the proposed parking for different modes of transport.	PP has attached Revised Parking Plan indicating the type and location of the parking proposed.
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) Renewable, and (iv) Energy Recovery strategies. At least 2 % of total energy demand to be sourced from Renewable. Percentage reduction through each of the aforesaid strategies to be provided in a	PP has attached Proportion wise Step Diagram showing the amount of reduction in net per capita Energy Demand. PP has also informed that 150 kWp of Solar PV has been proposed in the project which will meet 4.2% of the overall annual energy demand of the project.

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	consolidated diagram format for easy comprehension	
14.	Proposal for provisioning the energy audit during operation phase.	PP has informed that Energy audit of the project will be conducted post occupancy i.e. during building's operation phase. PP has also informed that in order to facilitate the process of energy audit, digital energy meters and sub meters will be installed.
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.	PP has informed that RWH Pits is not feasible at the project site as Ground Water Table is at 4 m at that location. So, PP has proposed one rain water collection tank instead of RWH Pits having capacity of approx. 260 cum (12x10x2.2 m) PP has also informed that stored rain water will be used for irrigation and car wash. PP has also attached a Rain Water Calculation Sheet for the same.
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.	PP has informed that Slope of road designed to be maintained at 2 %. PP has also informed that the overflow from the saucer drain will have natural percolation through the soft green area as green lawn is lower than the road and saucer drain (300 mm x 600 mm x 75 mm) through which runoff water is drained. PP has attached storm water plan and also landscape plan showing the road section.
17.	Water assurance from DJB for the proposed fresh water requirement.	PP has attached an application dated 07.04.2022 for water assurance to DJB.
18.	Geotechnical Investigation Report along with details of pre and post	PP has attached Geotechnical Investigation Report for the same.

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<table>
<tr><td></td><td>monsoon water table in project area.</td><td></td></tr>
<tr><td>19.</td><td>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</td><td>PP has informed that as per the proposed plan, the project will have High SRI (Solar Reflective Index) finish material on the roof areas.
PP has informed that 55 % of proposed site area having green and high reflective finish will help in mitigating UHIE.
PP has attached summary of area statement for reference which is as below:
<table><tr><th>S.No.</th><th>Particulars</th><th>Proposed Area (sqm)</th></tr><tr><td>1.</td><td>Building Footprint Area proposed – High SRI tile + Solar PV</td><td>2483</td></tr><tr><td>2.</td><td>Green Area</td><td>898</td></tr><tr><td>3.</td><td>Hardscape</td><td>2693</td></tr><tr><td colspan="2">% of Site Area mitigating UHIE</td><td>55 %</td></tr></table></td></tr>
<tr><td>20.</td><td>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.</td><td>PP has informed that water calculation for the proposed building has been done as per National Building Code of India, 2016.
PP has proposed the following strategies in order to reduce Net water consumption in the project during the operation phase:
1. Use of Low flow fixtures. Specification of the same has been attached.
2. Plantation of Native adaptive and drought tolerant species.
3. Installation of Water efficient irrigation system such as drip irrigation (for trees and shrubs) and sprinkler irrigation (for lawns).
4. Treatment of 100 % generated waste water through on site STP and ETP. Treated waste water from STP to be used in flushing, landscape and some part of cooling tower make-up water.</td></tr>
<tr><td>21.</td><td>Plan for managing, conserving the top soil excavated during construction and for its reuse.</td><td>PP has informed that approx. 1058 cum. top soil will be utilized and spread over existing green in the campus.</td></tr>
</table>

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22.	Provision for electric charging of the e-Vehicles as per Building Bye Laws	PP has informed that 252 nos. of EV parking have been proposed. PP has also attached drawing/ parking plan for the same.
23.	Use of Ground water extraction required to be reconfirmed along with the permission from the competent authority.	PP has informed that water will be sourced from DJB. PP has also informed that Holy Family Hospital has permission for Ground water extraction though it will be done only in case of emergency.
24.	Specify name and numbers of the post to be engaged by the proponent for implementation and monitoring of environmental parameters	PP has informed that 01 post – Manager Environment and 01 post – Supervisor Environment will be engaged for implementation and monitoring of environmental parameters.

Details of Existing and Proposed Building as per Revised Form 1, Form 1A, Area Statement as provided by the Project Proponent in its reply dated 06.05.2022.

S.No.	Particulars	Existing	Proposed	Total
1.	Plot Area	85210.40	-	85210.40
2.	Net Plot Area	81635.45	-	81635.45
3.	Ground Coverage	16413.58	2099.49	18513.08
4.	Built-up Area	38643.63	21647.5	60291.13
5.	Total Water Requirement	305.3 KLD	198 KLD	503.3 KLD
6.	Fresh Water Requirement	167.7 KLD	109 KLD	276.7 KLD
7.	Treated Water Requirement	137.6 KLD	89 KLD (STP: 75 KLD) (ETP: 18 KLD) 4 KLD to be discharged into Sewer with prior permission	226.6 KLD
8.	Waste Water Generated	190.24 KLD	105 KLD	295.24 KLD
9.	STP Capacity	200 KLD	100 KLD	350 KLD
10.	ETP Capacity	55 KLD	20 KLD	75 KLD
11.	DG Sets	2015 KVA	1410 KVA	3425 KVA
12.	RWH Pits	6	-	6
13.	RWH Tank	-	1	1
14.	Parking	90 Cars and 250 two-wheelers	443	Surface: 342 Cars, 276 TW, 5 Level Puzzle Parking, 765 Cars Total: 1212 Cars

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15.	No. Trees present at the Site	957 nos.
16.	No. of Trees to be retained	920 nos.
17.	No. of Trees to be cut	37 nos.
18.	No. of Trees to be transplanted	9 nos.
19.	No. of Trees for proposed new building	14 nos.
20.	Compensatory Plantation	440 nos. (within the site)
21.	No. of Trees required at the site	1021 nos. (1 per 80 sqm)
22.	No. of Trees proposed for the site.	1374 nos.

The existing hospital is operational since 1956 and has a valid Consent to Operate (CTO) issued on 19.03.2020 by DPCC.

During the Presentation, PP submitted the Revised Water Mass Balance Diagram, Tree Plantation Plan in addition to the information submitted vide reply dated 04.05.2022/ 06.05.2022.

B. After due deliberations, the SEAC in its 104th Meeting held on 21.05.2022 Based on the information furnished, documents shown & submitted, presentation made by the project proponent and recommended the case to SEIAA for grant of Environmental Clearance imposing the following specific conditions:

Specific Conditions

1. PP shall provide IPT (auto-rickshaw, e-rickshaw and taxi halt and go) spots outside the boundary wall near campus gate within the hospital premises.
2. The PP should explore for providing the natural STP and to meet the applicable parameters. STP of 350 KLD shall be provided as committed during presentation along with ETP of 20 KLD capacity in addition to existing 55 KLD ETP..
3. The PP shall carry out the transplantation for the 80 % of the affected trees and transplant and implement all the extant tree policies.
4. Treated water of DJB STP should be used for construction purposes with tertiary treatment of treated water of DJB STP to ensure it is fit for construction use.
5. Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work. All recharge should be limited to shallow aquifer.
6. IoT based Flow Meters/ Sensors should be installed to monitor consumption of fresh water as well as treated water and log book for these flow meters be maintained in a regular manner. Flow meters shall be installed at Inlet of STP, outlet of STP, inlet of flushing tanks, inlet of cooling water tanks and reuse line for horticulture purposes and at the final outfall/ sewer connection. Calibration for all the Flow meters shall be maintained on quarterly basis.

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7. Only LED lighting fixtures should be used.
8. Green building norms should be followed with a minimum 3 star GRIHA/IGBC and Gold rating should be followed up.
9. Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.
10. Wind- breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 metres shall be provided all around the project site before the start of construction.
11. The Project Proponent should take measures for control of Dust Pollution during construction phase in the Environmental Management Plan by taking measures as per MoEF&CC 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/CPCB/DPCC extant statutory orders/guidelines/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.
12. The cost of Environment Management Plan should be distinctly allocated in the budget of the project and details of the same along with time frame of the implementation should be reported in six monthly monitoring reports.
13. In view of MoEF&CC Office Memorandum No. 21-270/2008-IA.III dated 19.06.2013 read with MoEF&CC Office Memorandum No. 22-154/2015-IA.III dated 10.11.2015, this environmental clearance is granted focusing only on the environment concerns. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations.
14. The Environmental Clearance is subject to the condition that concerned local civic agencies will give the permission for use/ occupation of the building only after the written assurance of DJB/ New Delhi Municipal Council / other such local civic authority (as the case may be) regarding supply of adequate water for the residents/ occupiers.
15. Grant of environmental clearance does not necessarily implies that water/ power supply shall be granted to the project and that their proposals for water/ power supply shall be considered by the respective authorities on their merits and decision taking.
16. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from water/ power supply angle shall be entirely at the cost and risk of the project proponent and SEAC/SEIAA, Delhi shall not be responsible in this regard in any manner.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/ reused for flushing, AC makeup water and gardening. As proposed, no treated water shall be disposed in to municipal drain.

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18. Advanced oxidation process should be used in STP and ETP to ensure proper treatment of drug residues and its metabolites.
19. The PP shall provide toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia) detectors for STP area.
20. Rainwater harvesting scheme should avoid the surface rainwater/ leachete from the bio-medical waste infected areas.
21. PP shall provide the Rainwater collection tank with the enhanced capacity so as to store atleast one day of fresh water requirement.
22. Bio medical waste should be segregated separately to ensure that no bio medical waste leachate should enter in the Rain water harvesting system.
23. At least 2 % of the total energy demand to be sourced from renewable energy.
24. Energy audit shall be carried out periodically to review energy conservation measures.
25. All sensor/meters based equipments should be calibrated on quarterly basis.
26. The green building consultant should be hired for yearly audit since inception of the project.
27. Proper management strategy for Bio-medical waste/ Liquid effluent as per Bio-Medical Waste Management Rules, 2016 and relevant guidelines of MoEF&CC/ CPCB.
28. Ground water extraction shall not be done without permission from competent authority of Delhi.
29. PP shall provide electric charging points in parking areas for e-vehicles as per Building Bye Laws.

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022

C. The SEIAA during its meeting took the following decisions (s):

The SEIAA approved the recommendations of SEAC taken on 21.05.2022 for issuance of Environmental Clearance (EC) to the project with the additional specific conditions as follows:

1. ***The Project Proponent should implement the guidelines issued by committee Guidelines/ mechanism for using Anti Smog Gun in construction and Demolition projects having built-up area greater than 20,000 sqm issued by Department of Environment, NCT of Delhi, vide letter no. F. No.DPCC/(12)(1)(285)lab2020/2790-2810 dated 16.09.2021 available at https://dustcontroldpcc.delhi.gov.in/Upload/GuidelinesPDF/43/FilePDF_43_723774.PDF. Besides use of Anti-Smog Gunn the Project Proponent shall ensure that environment friendly Dust suppresant and soil stabilising chemical would be sprayed at prescribed interval on unpaved area of the construction sites to agglomerate the fine dust particles into aggregate too large to become airborne. This must be done in all those areas where there is movement of trucks and other***

(Sarvagya Kumar Srivastava)
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construction machinery at frequent intervals to prevent formations of fine dust particles.

2. ***Project proponent shall install reference-grade (USEPA approved system) Continuous Particulate Monitoring System consisting of three nods capable of monitoring dust emission from the construction site. The system must have the capacity for simultaneous monitoring of PM2.5 and PM10 and equip for data transfer on a real-time basis to the server of DPCC.***

(Sarvagya Kumar Srivastava)
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Agenda No. 5

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
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 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.

   As per revised details submitted subsequent to the information/ clarification sought by SEAC, Total water requirement for the existing complex is 152 KLD, Total water requirement will be 169 KLD after expansion out of which 95 KLD will be from fresh water. Rest of the water requirement i.e. 74 KLD of treated water will be sufficed from in-house STP (125 KLD capacity) for flushing (4 KLD), gardening (6 KLD) and cooling (64 KLD). No Excess treated water will be there. It will be a ZLD complex. Total 4 nos. of Rain Water harvesting pits are proposed to be provided.
5. **Solid waste:**

   In Existing Complex, 373 kg/day of solid waste is being generated from the complex out of which 149 kg/day of Biodegradable waste is being sent to Municipal solid

(Sarvagya Kumar Srivastava)
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waste disposal site and 224 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.
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 in the existing operational complex. Number of tree within the complex will be enhanced to 165 number of trees.
10. **Cost of the project**: Cost of the Project is 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.

After due deliberations, the SEAC in its 98thMeeting (1st Sitting) held on 31.01.2022,based on the information furnished, documents shown & submitted, presentation made by the project proponent recommended to seek the additional information. In addition to this, SEAC also decided that a site inspection may be undertaken by a sub-committee comprising of the SEAC Members. Accordingly, a site visit was conducted by the sub-committee on 25.02.2022 and on the basis of site visit, PP were directed to provide few additional information documents.

Additional information sought by SEAC in its 98th Meeting held on 31.01.2022 was responded back by the Project Proponent on 11.05.2022 which is as follows:

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Member Secretary, SEIAA

(Reena Gupta)
Member, SEIAA

<table>
<tr><th>S.No.</th><th>Information Sought by SEAC during SEAC Meeting dated 31.01.2022</th><th>Reply dated 10.05.2022 submitted on 11.05.2022</th></tr>
<tr><td>1.</td><td>Building Plan approval from DDA/ Local Body, DUAC and Delhi Fire Service.</td><td>PP has attached Building Plans duly approved by SDMC along with Letter of Approval of Layout of DUAC dated 29.01.2020 & Delhi Fire Service dated 27.04.2021.</td></tr>
<tr><td>2.</td><td>Water assurance from DJB for the proposed fresh water requirement.</td><td>PP has informed that the project is located in a district centre developed by DDA with all the civic facilities of water, sewer, storm water lines, electrical infrastructure etc.
PP has informed that they already have a water connection from Delhi Jal Board (K.No. 390731000) but water supply in that area is less than the required quantity. So, they have to depend on water tanker supply to meet the water requirement.
PP has also pointed out that they have lodged a complaint with Delhi Jal Board in this regard (Complaint No. DJB0001124311) on 14.03.2022. After lodging the complaint, Road Restoration charges were accepted by DJB from them and an inspection/ cleaning of their water supply line was carried out on 15.04.2022. Thereafter, DJBs water supply to their building was improved significantly but was still short from full requirement.
PP has attached water bills of last one year for reference to the same.
PP has also pointed that they have no choice except to depend on water tanker supply for their balance water requirement as current DJB water supply from 19.04.2022 to 02.05.2022 (13 days) is around 16 KLD.
PP has attached last water bill dated 19.04.2022 raised by DJB on them showing the closing meter reading of 4954 and a photograph showing the meter reading on 02.05.2022 as 5162.</td></tr>
<tr><td>3.</td><td>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.</td><td>PP has informed that water requirement in the existing complex is 152 KLD. Summary of the water requirement of exiting complex is as follows:
<table>
<tr><td>S.No.</td><td>Particulars</td><td>Water Requirement</td></tr>
<tr><td>1.</td><td>Fresh Water</td><td>88 KLD</td></tr>
<tr><td>2.</td><td>Treated Water</td><td>64 KLD</td></tr>
<tr><td>3.</td><td>Waste water</td><td>73 KLD</td></tr>
</table>
</td></tr>
</table>

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(Reena Gupta)
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		generated
		4. Treated Water Generated: 69 KLD
		5. Treated water to be used in construction: 5 KLD
		6. STP Capacity: 125 KLD
		7. Water from DJB: 16 KLD
		8. Water from tanker: 72-85 KLD

PP has attached water balance diagram of the existing complex for reference.

PP has informed that water requirement in the complex after expansion is 169 KLD. Summary of the water requirement of exiting complex is as follows:

S.No.	Particulars	Water Requirement
1.	Fresh Water	95 KLD
2.	Treated Water	74 KLD
3.	Waste water generated	84 KLD
4.	Treated Water Generated	79 KLD
5.	STP Capacity	125 KLD

PP has attached Revised Form 1 & Form 1A along with revised water balance diagram and water management of the existing complex 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.	PP has informed that a STP of 125 KLD fitted with tertiary treatment methods has been installed at the site. PP has also informed that treated water from STP will be used for construction purposes. PP has also informed that the STP is fitted with tertiary treatment methods and treated water from it will meet IS 456:2000 parameters making it fit for use in construction purpose

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(Reena Gupta)
Member, SEIAA

5.	Proposal for a provision of toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide) detectors for STP area.	PP has informed that Toxic gas detectors for combustible gas, carbon dioxide and hydrogen sulphide will be installed at 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.	PP has informed that statement of total parking (1063 ECS) and public parking (500 ECS) has already been declared on the approved building plans for expansion of the project and the same has been accepted and approved by the competent authority. PP has also pointed that as per clause C(1)(6) of the perpetual lease, the PP is fully entitled to decide for parking charges for the parking area. PP has attached the Perpetual Lease for reference of the same. PP has also pointed that multi-storied parking of the project is fully open to public since its construction in year 2006, the same has been duly recorded in EPCA report of August 2006. PP has attached EPCA Report of August 2006 for reference of the same.
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.	PP has informed that the existing complex was designed with 3 RWH Pits considering 45 mm/hr of peak rainfall since its operation in 2006. PP has informed that they are proposing to replace the existing RWH Pits with 4 new RWH Pits (4.5 m dia x 4.8 m depth) considering the higher rainfall data in recent times i.e. 115 mm/hr. PP has attached building plans showing the design and location of 4 new RWH Pits.
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 VardhamanKaushik Vs. Union of India& others and Sanjay KulshreshthaVs Union of India & others/	PP has informed that all the dust mitigation measures mentioned in the query will be done after getting EC from SEIAA, Delhi and the same will be communicated to MoEF&CC Regional Office. PP has attached Revised EMP for the same.

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	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, NOx, SOx, 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.	PP has informed that cost for provisions of sensors for air quality parameters will be 3.5 Lakhs. PP has attached Revised EMP incorporating the cost of sensors. PP has also informed that feasibility for installation of sensor based equipment will be checked.
10.	PP is required to clarify as to how the storage/ stacking of construction material will be managed during construction phase	PP has informed that construction material will be stored/ stacked on the ground floor and adjacent vacant land next to the materials gate of the project. PP has enclosed Ground Floor plan for reference of the same.
11.	PP is required to quantify the no. of labours and the detailed plan for the proposed labour camps for housing them.	PP has informed that approx. 60 Nos. of local labourers will be deployed through contractors during the construction phase. PP has also informed that there will be no need for providing of labour camp within the project site as these labourers will be engaged from the adjoining areas only. However, PP has informed that drinking water and toilet facilities for the labourers will be earmarked out of existing facilities within the project site.
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.	PP has informed that difference of name is consequent to the Demerger Order passed by the Hon'ble High Court of Delhi dated 25.05.2009, whereby demerger of the parent company Nehru Place Hotels Limited into Nehru Place Hotels Ltd. (Transferor Company) and Nehru Place Hotels and Real Estates Pvt. Ltd. (Transferee Company) was approved and accordingly the EC application has been submitted in the name of the Transferee Company. PP has attached Demerger Order passed by the Hon'ble High Court of Delhi dated 25.05.2009 for the reference.
13.	Proportion wise Step Diagram to be provided showing the amount of	PP has attached various Load Reduction strategies proposed by the PP for the project.

(Sarvagya Kumar Srivastava)
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(K.S. Jayachandran)
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(Reena Gupta)
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	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.	PP has informed that currently Solar PV of 160 kWp is already installed in the existing complex. PP has also pointed that current solar power provided is 7.5 % of the existing demand load which is equivalent to 6.9 % of total load after expansion (existing + proposed). PP has attached complete plan of the solar panel indicating the location of solar panels for reference.
14.	Proposal for provisioning the energy audit during operation phase.	PP has informed that Energy audit will be done during operation phase.
15.	Geotechnical Report investigation along with details of pre and post monsoon ground water table in project area.	PP has informed that they undertake to submit Soil Investigation Report as part of compliances during construction phase. PP has informed about the details of pre and post monsoon ground water table in project area which is as follows: 1. Pre-Monsoon Depth to water level during May, 2020: 47.76 mbgl 2. Post-Monsoon Depth to water level during Nov, 2020: 46.01 mbgl (as per GWYB Report 2020-2021)
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.	PP has attached Test reports showing the inlet and outlet parameters of existing STP.
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	PP has attached detail of all outlets from the proposed building including the outlet of STP. PP has informed that Flow meters have already been installed at the STP inlet & outlet.
18.	Explanatory note with respect to source for current water demand being met for the existing building.	PP has informed that total existing population including staff and visitors of the building is around 2486 nos. PP has informed that total water requirement in the existing complex is 152 KLD out of which which Fresh Water Demand is 88 KLD and rest 42 % of water requirement is being met from in-house STP treated water. PP has informed that at present Delhi Jal Board is supplying around 16 KLD of water and rest is being met through water tanker supply.

(Sarvagya Kumar Srivastava)
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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.	PP has informed that about 25 % reduction in water will be achieved by using low water consuming fixtures like self closing faucets, flush free urinals (including re-use of treated STP water) in the premises. PP has attached water balance diagram showing reduction of water requirement by using conservation measures.
20.	Provision for electric charging of the e-Vehicles as per Building Bye Laws.	PP has informed that 124 ECS duly equipped with electric charging points have been earmarked for e-Vehicles in the parking block.
21.	Specify name and numbers of the post to be engaged by the proponent for implementation and monitoring of environmental parameters.	PP has informed that they already have a team for implementation and monitoring of environmental parameters. Details of which are as under: Name of the Post – No. of Post Maintenance in-charge – 01 Environment Officer – 01 STP Operators – 03 Technical Staff – 14 PP has also informed that during construction phase, Project In-charge along with his team will also be available to take care about the health, safety & environmental parameters.

Additional information sought during the Site Inspection conducted by SEAC's Sub-Committee on 25.02.2022 was responded by the Project Proponent on 11.05.2022 which is as follows:

S.No.	Information Sought by SEAC's Sub-Committee during Site Inspection conducted on 25.02.2022	Reply dated 10.05.2022 submitted on 11.05.2022
1.	Calibration certificate of Flow Meter.	PP has attached Calibration certificate of Flow meters.
2.	Process flow diagram of STP	PP has attached process flow diagram of STP.
3.	Provision of Sludge Discharge	PP has informed that to maintain MLSS at the MBBR tanks, activated sludge from the TS will be re-circulated to MBBR tanks and only excess will be pumped into the Sludge Holding Tank (SHT). Aeration through diffusers is made in SHT for the sludge to settle down and then the same will be pumped into a basket type centrifuge filter where the sludge will be dewatered through centrifugal motion and

(Sarvagya Kumar Srivastava)
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(K.S. Jayachandran)
Member Secretary, SEIAA

(Reena Gupta)
Member, SEIAA

		collected. Present quantity of solid sludge generation is about 5-7 kg/day which is being used in the green development at the site.
4.	Revised Water Balance	PP has attached revised water balance for the existing and proposed expansion. PP has informed that there is no-borewell in the complex.
5.	Separate energy metres to be installed on STP	PP has informed that separate energy meters have been installed on STP. PP has attached photograph of the same.
6.	Water Bills of last one year.	PP has attached water bills of DJB of last one year.
7.	Water scheme and sewage scheme with IF charges.	PP has informed that water and sewage connections for the existing complex were sanctioned in the year 2010 and at that time the IF charges were not applicable.
8.	Six monthly report of STP	PP has attached Test reports of STP.
9.	Rain water harvesting scheme with pit diagram (approved scheme) along with design.	PP has attached Rainwater Harvesting Scheme with pit diagram along with design.

B. After due deliberations, the SEAC in its 104th Meeting held on 21.05.2022 based on the information furnished, documents shown & submitted, presentation made by the project proponent and recommended the case to SEIAA for grant of Environmental clearance imposing the following specific conditions:

Specific Conditions

1. The PP should seek necessary approvals from DJB for the additional water requirement before taking up the expansion of the project.
2. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/ reused for flushing, AC makeup water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
3. The PP shall get the effluent testing monitoring of the STP every quarter from the approved lab of CPCB/ NEERI/ DJB and submission of the same shall be part of the six monthly compliance report to substantiate the satisfactory working of the installed STP.
4. Treated water of DJB STP should be used for construction purposes with tertiary treatment of treated water of DJB STP to ensure it is fit for construction use.
5. The PP shall provide toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia) detectors for STP area.
6. Four Rain water harvesting recharge pits shall be provided as commited.

(Sarvagya Kumar Srivastava)
Chairman, SEIAA

(K.S. Jayachandran)
Member Secretary, SEIAA

(Reena Gupta)
Member, SEIAA

7. Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.
8. Wind- breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 metres shall be provided all around the project site before the start of construction.
9. The Project Proponent should take measures for control of Dust Pollution during construction phase in the Environmental Management Plan by taking measures as per MoEF&CC 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/CPCB/DPCC extant statutory orders/guidelines/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.
10. PP shall provide IOT based Electro-chemical sensors in parking areas for air quality parameters i.e. CO, CO2, Temperature, NOx, SOx, PM 2.5, PM 10, VOCs, H2S, NH3, Humidity to be connected to server 24x7 with quarterly calibration and data uploading every hour.
11. The PP shall store/ stack the construction material on the ground floor and adjacent vacant land in possesion of the project proponent.
12. The PP shall maintain the Solar PV of 160 kWp already installed in the existing complex and shall ensure that at least 2 % of the total energy demand to be sourced from renewable energy
13. Energy audit shall be carried out periodically to review energy conservation measures.
14. The construction of the proposed expansion shall be undertaken only after a certified structural safety report duly correlated with geo-technical report of the existing building.
15. IoT based Flow Meters/ Sensors should be installed to monitor consumption of fresh water as well as treated water and log book for these flow meters be maintained in a regular manner. Flow meters shall be installed at Inlet of STP, outlet of STP, inlet of flushing tanks, inlet of cooling water tanks and reuse line for horticulture purposes and at the final outfall/ sewer connection. Calibration for all the Flow meters shall be maintained on quarterly basis.
16. PP shall provide electric charging points in parking areas for e-vehicles for at-least 20% of car park as committed or as per Building Bye Laws which ever is more.
17. The PP shall maintain the separate energy meter for the STP.

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022

C. The SEIAA during its meeting took the following decisions (s):

The SEIAA approved the recommendations of SEAC taken on 21.05.2022 for issuance of Environmental Clearance (EC) to the project with additional specific condition that the Project Proponent should implement the guidelines issued by committee Guidelines/

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mechanism for using Anti Smog Gun in construction and Demolition projects having built-up area greater than 20,000 sqm issued by Department of Environment, NCT of Delhi, vide letter no. F. No. DPCC/(12)(1)(285)lab2020/2790-2810 dated 16.09.2021 available at https://dustcontroldpcc.delhi.gov.in/Upload/GuidelinesPDF/43/FilePDF_43_723774.PDF for excavation work involved in expansion. Besides use of Anti-Smog Gun the Project Proponent shall ensure that environment friendly Dust suppressant and soil stabilizing chemical would be sprayed at prescribed interval on unpaved area of the construction sites to agglomerate the fine dust particles into aggregate too large to become airborne. This must be done in all those areas where there is movement of trucks and other construction machinery at frequent intervals to prevent formations of fine dust particles.

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
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Agenda 6

Case No. C-228

Name of the Project	Corrigendum in EC for Expansion of Max Superspeciality Hospital at 108-A, I.P. Extension, Patparganj, Delhi-110092 Delhi 110092
Project Proponent	PoojaJoon, Executive Trustee, M/s Max Super Speciality Hospital (A Unit of Balaji Medical And Diagnostic Research Centre), 108-A, I.P. Extension, Patparganj, Delhi-110092 Delhi 110092
Proposal No.	SIA/DL/MIS/252127/2022
File No.	SEIAA-D/C-228/EC-318/2016

A. Details of the proposed project are as under:

M/s Max Super Speciality Hospital (A Unit Of Balaji Medical And Diagnostic Research Centre) obtained Environmental Clearance from SEIAA, Delhi vide letter no. SEIAA-D/C-228/EC-318/2016 dated 01.03.2016 for the project namely "Expansion of Max Super speciality Hospital at 108-A, I.P. Extension, Patparganj, Delhi-110092 Delhi 110092".

Now, M/s Max Super Speciality Hospital (A Unit Of Balaji Medical And Diagnostic Research Centre) has applied for Corrigendum in EC for above said project with request to correct the following details:

S.No.	Description as per approved EC	Description as per Proposal during appraisal.
1.	Proposed project name is Max Super Speciality Hospital	Max Super Speciality Hospital (A Unit Of Balaji Medical And Diagnostic Research Centre)
2.	As per EC, the total proposed Ground Coverage is 3901.1 sqm	As per proposal, the proposed Ground Coverage will be 4125.37 sqm
3.	As per EC, the total population will be 1712	As per proposal, the total population will be 4216
4.	As per EC, the water management will be as below: Total Water Requirement: 295 KLD Fresh Water Requirement: 216 KLD	As per Proposal, the water management will be as below: Total Water Requirement: 547 KLD Fresh Water Requirement: 339 KLD

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	Waste Water Generation: 185 KLD (184 treated in STP of 750 KLD and 1 KLD from Lab will treat in ETP capacity 15 KLD) Treated Water Generation & Reuse: 174 (79 reuse + 95 discharged to sewer)	Waste Water Generation: 371 KLD (361 treated in STP and 10 KLD from Lab will treat in ETP capacity 15 KLD) Treated Water Generation & Reuse: 343 (208 reuse + 95 discharged to sewer)
5.	As per EC, the solid waste generated will be 1279 kg/day.	As per proposal the solid waste generated will be 365 kg/day.
6.	As per EC, No. of Rain water harvesting pits proposed will be 3	As per proposal, No. of Rain water harvesting pits proposed will be 4.
7.	As per EC, Total power requirement will be 3125 kVA	As per proposal, Total power requirement will be 2431 KW.

After due deliberations, the SEAC in its 102nd Meeting held on 09.04.2022, based on the documents submitted by the project proponent recommended to seek the additional information which has been responded back by the project proponent on 27.04.2022 as follows:

S.No.	Information Sought by SEAC during SEAC Meeting dated 09.04.2022	Reply dated 26.04.2022 submitted on 27.04.2022
1.	The case deferred in view of the request made by the PP through email dated 07.04.2022 with the instruction to PP to explain the reason for submitting the request of corrigendum after a lapse of about 6 years.	PP has informed that request for corrigendum was delayed due to change of promoters and thereafter covid pandemic. PP has also informed that their EC dated 01.03.2016 is valid for 10 years as per MoEF&CC Notification vide S.O. 1807€ dated 12.04.2022.

As per SEIAA/SEAC record PP applied for EC for above said project on 24.11.2015, subsequently the case was considered in 75th SEAC Meeting held on 16.01.2016/ 30.01.2016 presentation was given by PP with certain facts and figures in variance to those provided in the EC proposal submitted on 24.11.2015 i.e.

Total Water Requirement: 547 KLD, Fresh Water Requirement: 339 KLD,

Waste Water Generation: 371 KLD (361 treated in STP of capacity 450 KLD and 10 KLD from Lab will treat in ETP capacity 15 KLD),

Treated Water Generation & Reuse: 351 (208 reuse + 143 discharged to nearby parks through permanent pipelines),

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(Reena Gupta)
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Total proposed Ground Coverage is 4125.37 sqm (Existing: 3548.96sqm and Proposed MLCP: 576.41 sqm),

Total population will be 4216, solid waste generated will be 365 kg/day,No. of Rain water harvesting pits proposed will be 4, total power requirement will be 2431 kW .

The case was recommended for grant of Environmental Clearance in SEAC meeting dated 30.01.2016 after the presentations made by the PP in variance to the figures submitted in Form-1. However, the aforesaid figures got reflected in the EC dated 01.03.2016 as per initial fact and figures submitted in Form-1.

Comparative Table of Facts and Figures as mentioned in EC and as submitted by PP in its EC proposal and as given in presentation and replies given by the PP during the SEAC Meetings.

S.No.	Description mentioned in EC dated 01.03.2016	Description as per Proposal dated 24.11.2015	Description as per Presentation dated 16.01.2016 and Presentation dated 30.01.2016.
1.	Proposed project name is Max Super Speciality Hospital	Proposed project name is Expansion of Max Super Speciality Hospital applied by Lt. General Daljeet Singh (Authorized signatory/ Executive Trustee of Balaji Medical And Diagnostic Research Centre) (as per Form 1)	.....
2.	The total proposed Ground Coverage is 3901.1 sqm	The total proposed Ground Coverage is 3901.1 sqm	The total proposed Ground Coverage is 4125.37 sqm (Existing: 3548.96sqm and Proposed MLCP: 576.41 sqm) (16.01.2016)
3.	The total population will be 1712	The total population will be 1712	The total population will be 4216 (16.01.2016)
4.	The water management will be as below: Total Water Requirement: 295 KLD Fresh Water Requirement: 216 KLD Waste Water Generation: 185 KLD (184 treated in STP and 1 KLD from Lab will treat in ETP	The water management will be as below: Total Water Requirement: 295 KLD Water Requirement: 216 KLD Waste Water Generation: 185 KLD (184 treated in STP and 1 KLD from Lab	The water management will be as below: Total Water Requirement: 547 KLD Fresh Water Requirement: 339 KLD Waste Water Generation: 371 KLD (361 treated in STP and 10 KLD from Lab will treat in ETP capacity

(Sarvagya Kumar Srivastava)
Chairman, SEIAA

(K.S. Jayachandran)
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(Reena Gupta)
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	capacity 15 KLD) Treated Water Generation & Reuse: 174 (79 reuse + 95 discharged to sewer)	will treat in ETP capacity 15 KLD) Treated Water Generation & Reuse: 174 (79 reuse + 95 discharged to sewer)	15 KLD) Treated Water Generation & Reuse: 351 (208 reuse + 143 discharged to nearby parks through permanent pipelines) (30.01.2016)
5.	The solid waste generated will be 1279 kg/day.	The solid waste generated will be 367 kg/day.	The solid waste generated will be 365 kg/day. (16.01.2016)
6.	No. of Rain water harvesting pits proposed will be 3	No. of Rain water harvesting pits proposed will be 3	No. of Rain water harvesting pits proposed will be 4 as per layout plan (30.01.2016)
7.	Total power requirement will be 3125 kVA	Total power requirement will be 3125 kVA (2500 kW)	Total power requirement will be 2431 kW (30.01.2016)

During the presentation, the PP submitted an undertaking confirming that the information submitted in Form 10 are factually correct.

B. After due deliberations, the SEAC in its 104th Meeting held on 21.05.2022 recommended that the corrigendum of corrected fact and figures for the Environmental Clearance issued by SEIAA, Delhi to M/s Max Super Speciality Hospital (A Unit of Balaji Medical and Diagnostic Research Centre) vide letter no. SEIAA-D/C-228/EC-318/2016 dated 01.03.2016 may be issued on the same terms and conditions under which prior Environmental Clearance dated 01.03.2016 was granted which will now be valid upto 28.02.2026.

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022

C. The SEIAA during its meeting took the following decisions (s):

The SEIAA approved the recommendations of SEAC made on 21.05.2022.

(Sarvagya Kumar Srivastava)
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Agenda 7

Welcom Hotel, Sec-10,Dwarka developed by M/s Triupati Buildings and Offices Pvt. Ltd.

A representation/ complaint dated 06.02.2022 received from Sh. Shobhit Chauhan against Welcom Hotel, Sec-10,Dwarka developed by M/s Triupati Buildings and Offices Pvt. Ltd. was discussed/ apprised to the Committee (SEAC) during the 98th(third sitting) meeting dated 07.02.2022. The Project was issued Environmental Clearance on 08.07.2008 by MoEF&CC, GoI and now the complaint is related to the alleged violations being done by the project and construction work has been carried out at site even as it applied for expansion of the project before EAC (Infra-2) of MoEF&CC, GoI. As per EAC recommendation, the matter has been recommended to Ministry for necessary action as the project appears to be a case of violation of previous EC.

The project proponent also applied for expansion of EC at SEIAA, Delhi vide Proposal No: SIA/DL/MIS/251716/2022 and the application has not been accepted in SEIAA in view of the matter considered in MoEF&CC, GoI. It has been notified to Project Proponent through EDS on 29.01.2022 that In view of OM J-11013/41/2006-IA.III dated 23.10.2017, the Project Proponent is required to withdraw its application immediately in view of its application for Expansion vide proposal no. IA/DL/MIS/223780/2021 is already under consideration in MoEF&CC, GoI.

The SEAC in its meeting held on 07.02.2022 recommended as follows:

1. The matter related to violation in respect of earlier EC issued is under consideration before MoEF&CC, GoI in respect of the proposal of expansion submitted by the project proponent. Reference may be sent to MoEF&CC, GoI for getting the status report in the matter under consideration.
2. The Committee recommended that a Sub-Committee consisting of Members of SEAC namely Sh. S.K. Juneja, Ms. Paromita Roy, Ms. Jyoti Mendiratta, Sh. Ashish Gupta as a convener of the committee assisted by the officials of EIA Cell, DPCC be constituted for conducting Inspection of the project to check the veracity of the complaint. For conducting the aforesaid inspection, a note may be forwarded to SEIAA for according approval of the inspection proposed without waiting for minutes.

In view of above MoEF&CC was requested by SEAC vide letter dated 15.02.2022 that current status of the above said Environmental Clearance application filed by the project proponent and action decided by the MoEF&CC, GoI subsequent to the recommendation of EAC (Infra-2) may please be provided to SEAC, Delhi.

Subsequently, the Sub-Committee conducted the inspection on 12.02.2022 and submitted its report to SEAC on 22.02.2022 (99th SEAC Meeting) and the committee (SEAC) deliberated the provisions of the MoEF&CC Office Memorandum dated 07.07.2021 outlining the SOP

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
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for dealing with the cases of violations of EIA Notification,2006 and recommended as follows:

A. The DDA may be intimated for necessary action wrt the active construction being carried out on the front, left and right side of the existing Building which is evidently being carried out for expanding the built up area beyond the previous one for which completion was obtained without obtaining sanction from DDA and for necessary action in respect of additional deviations from the Completion Plan dated 11.06.2012 observed in respect of –
   a. Entry on the rear side of the Plot towards the pedestrian Walkway.
   b. Commercial use in some part of the First Basement.

B. The MoEF&CC, GoI be informed about the active construction being carried out on the front, left and right side of the existing Building which is evidently being carried out for expanding the built up area beyond the previous one for which completion was obtained and that deviations have been observed from the previous Completion Plan dated 18.11.2010 in the total Built up area mentioned in the Environmental Clearance issued in 2008.

C. The SEIAA may take action u/s 5 of EPA 1986 for stoppage of construction activity for active construction being carried out on the front, left and right side of the existing Building which is evidently being carried out for expanding the built up area without obtaining Environment Clearance for the expansion beyond the previous environmental clearance dated 08.07.2008, with a copy to MoEF&CC,GoI ,DDA and DPCC for necessary action.

In view of A, B and C above following actions have been taken by SEIAA:

1. Letter has been issued on 07.03.2022 to DDA
2. Letter has been issued to Joint Secretary (IA Division), MoEF&CC, GoI on 07.03.2022
3. Directions u/s 5 of EPA 1986 have been issued on 07.03.2022.

In response to the above, status of action taken the Sub-Divisional Magistrate (Dwarka) has issued an order dated 10.03.2022 for directing the project proponent to stop construction of the project with immediate effect in pursuance of directions dated 07.03.2022 issued by SEIAA u/s 5 of EPA 1986.

In response to the letter dated 15.02.2022 issued by SEAC to Member Secretary, EAC (Infra-2) , Ministry of Environment, Forest & Climate Change, GoI, Indira Paryavaran Bhawan, Jor bagh, Lodhi Colony, New Delhi, Delhi 110003 a reply dated 19.04.2022 has been received from Scientist-F/ Director, MoEF&CC, GoI reiterating the Minutes of the Meeting of EAC (Infra-2) held during 14th-15th December, 2021 in which it was found that the project appears to be a case of violation of the previous granted EC dated 08.07.2008 and EAC recommended that Ministry may take necessary action accordingly instead of action decided by the MoEF&CC, GoI subsequent to the recommendation of EAC (Infra-2).

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Chairman, SEIAA	Member Secretary, SEIAA	Member, SEIAA

After due deliberations, the SEAC in its 103rd Meeting held on 07.05.2022 recommended as follows:

The matter may be apprised to SEIAA, Delhi as the reply received from MoEF&CC does not appear to address the issue suitably.

Subsequently, the Project Proponent namely M/s Triupati Buildings and Offices Pvt. Ltd. applied for ToR vide Proposal No. SIA/DL/MIS/72149/2022 under Violation Category on PARIVESH Portal. Accordingly, the case was considered in 104th SEAC Meeting dated 21.05.2022.

After due deliberations, the SEAC in its 104th Meeting held on 21.05.2022 recommended as follows:

Case deferred for want of final decision of MoEF&CC,GoI subsequent to recommendation of EAC (Infra 2) and against the request for withdrawal submitted by the PP to MoEF&CC,GoI. The Committee recommended that a clarification may be sought from the Joint Secretary, MoEF&CC, GoI seeking advice whether the matter to be process at central level or state level in view of OM dated 23.10.2017.

The Office Memorandum No J-11013/41/2006-IA.III dated 23.10.2017 issued by MoEF&CC, GoI at clause no (iii) prescribes that in cases, the proposal is appraised by EAC due to non-existence of SEIAA/SEAC, then irrespective of whether recommended, deferred or additional information sought, it will continue to be apprised and decided at the central level , even if the SEIAA/SEAC is constituted later on.

In view of above SEAC decision taken on 21.05.2022, a communication has been issued to Joint Secretary IA-Division, MoEF&CC, GoI vide letter no. DPCC/MS/SEAC-IV/Comp./08/104/2021-22/3588-3591 dated 25.05.2022 for suitable advice.

In view of the above matter was considered in 61st SEIAA Meeting held on 20.06.2022.

The SEIAA during its meeting took the following decisions (s):

The SEIAA acknowledged the status of the matter and decided that the suitable action be recommended by SEAC after taking into consideration the response of MoEF&CC, GoI in terms of the letter issued on 25.05.2022.

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
Chairman, SEIAA	Member Secretary, SEIAA	Member, SEIAA

Agenda-8

C-394

Transfer (Name Change) of EC Case

Name of the Project	EC for Proposed Expansion of Hotel at Plot No.2, Wazirpur District Center, Delhi
Project Proponent	M/s JMJ Ganpatiji Maharaja Hospitality Private Limited
Proposal No.	SIA/DL/MIS/268093/2022
EC File No.	21-20/2019-IA-III
SEIAA Delhi File No.	DPCC/SEIAA-IV/C-394/DL/2022

A. Details of the proposed project are as under:

M/s Asrani Inns and Resorts Pvt Ltdobtained Environmental Clearance from MoEF&CC, GoI vide letter no. F. No.21-20/2019-IA-IIIdated 25.10.2019 for the Project namely "Proposed Expansion of Hotel at Plot No.2, Wazirpur District Center, Delhi" in absence of SEIAA, Delhi. Earlier Environmental Clearance vide EC Letter No. DSPCC/SEAC/200/SEIAA/73/2013 was issued on 01.08.2014.

Now, **M/s JMJ Ganpatiji Maharaja Hospitality Private Limited** has applied for transfer of EC for above said project from **M/s Asrani Inns and Resorts Pvt Ltd**to **M/s JMJ Ganpatiji Maharaja Hospitality Private Limited**. The applicant uploaded following documents in support of their request.

1. Environmental Clearance issued by MoEF&CC, GoI vide letter no. F. No.21-20/2019-IA-IIIdated 25.10.2019to M/s Asrani Inns and Resorts Pvt Ltdfor the Project namely "Proposed Expansion of Hotel at Plot No.2, Wazirpur District Center, Delhi".
2. Copy of Certificate of Incorporation for change of name of company from Asrani Inns and Resorts Pvt Ltd to JMJ Ganpatiji Maharaja Hospitality Private Limitedby office of the Registrar of Companies dated 06.09.2021.
3. Undertaking by the transferee namely M/s JMJ Ganpatiji Maharaja Hospitality Private Limitedthat they will comply with the environmental conditions prescribed by the MoEF&CC in the Environment Clearance letter to M/s Asrani Inns and Resorts Pvt Ltd and will continue to operate all Environment Management Systems efficiently.
4. Board Resolution of M/s Asrani Inns and Resorts Pvt Ltddated 29.07.2021 for authority to give intimation regarding change of name of company.
5. Board Resolution of M/s Asrani Inns and Resorts Pvt Ltddated 24.01.2022 for Authorized Person.

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Chairman, SEIAA

(K.S. Jayachandran)
Member Secretary, SEIAA

(Reena Gupta)
Member, SEIAA

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022.

B. <u>The SEIAA during its meeting took the following decisions (s):</u>

SEIAA decided to refer the matter to SEAC.

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
Chairman, SEIAA	Member Secretary, SEIAA	Member, SEIAA

Agenda-09

C-400

Transfer (Name Change) of EC Case

Name of the Project	EC for Proposed Expansion of Hotel at Plot No.1, Wazirpur District Centre, Delhi by M/s Asrani Inns & Resorts Pvt Ltd
Project Proponent	M/s JMJ Ganpatiji Maharaja Hospitality Private Limited
Proposal No.	SIA/DL/MIS/276766/2022
EC File No.	F.No. 21-19/2019-IA-III
SEIAA Delhi File No.	DPCC/SEIAA-IV/C-400/DL/2022

A. Details of the proposed project are as under:

M/s Asrani Inns and Resorts Pvt Ltdobtained Environmental Clearance from MoEF&CC, GoI vide letter no. F. No. 21-19/2019-IA-III dated 19.07.2019 for the Project namely "Proposed Expansion of Hotel at Plot No.1, Wazirpur District Center, Delhi" in absence of SEIAA, Delhi. Earlier Environmental Clearance vide EC Letter No. DSPCC/SEAC/199/SEIAA/72/2013 was issued on 01.08.2014.

Now, **M/s JMJ Ganpatiji Maharaja Hospitality Private Limited** has applied for transfer of EC for above said project from **M/s Asrani Inns and Resorts Pvt Ltd**to **M/s JMJ Ganpatiji Maharaja Hospitality Private Limited**. The applicant uploaded following documents in support of their request.

1. Environmental Clearance issued by MoEF&CC, GoI vide letter no. F. No. 21-19/2019-IA-III dated 19.07.2019 to M/s Asrani Inns and Resorts Pvt Ltdfor the Project namely "Proposed Expansion of Hotel at Plot No.1, Wazirpur District Center, Delhi".
2. Copy of Certificate of Incorporation for change of name of company from Asrani Inns and Resorts Pvt Ltd to JMJ Ganpatiji Maharaja Hospitality Private Limitedby office of the Registrar of Companies dated 06.09.2021.
3. Undertaking by the transferee namely M/s JMJ Ganpatiji Maharaja Hospitality Private Limitedthat they will comply with the environmental conditions prescribed by the MoEF&CC in the Environment Clearance letter to M/s Asrani Inns and Resorts Pvt Ltd and will continue to operate all Environment Management Systems efficiently.
4. Board Resolution of M/s Asrani Inns and Resorts Pvt Ltddated 24.01.2022 for Authorized Person.

(Sarvagya Kumar Srivastava)
Chairman, SEIAA

(K.S. Jayachandran)
Member Secretary, SEIAA

(Reena Gupta)
Member, SEIAA

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022.

B. <u>The SEIAA during its meeting took the following decisions (s):</u>

SEIAA decided to refer the matter to SEAC.

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Agenda 10

Case No C-381 (TOR)

Name of the Project	TOR for Group Housing at Plot 67, Kirti Nagar, West Delhi, Delhi
Project Proponent	DGM, M/s TARC Projects Limited, 67 Najafgarh Road, Kirti Nagar, New Delhi-110015
Consultant	M/s Perfact Enviro Solutions Pvt. Ltd
EIA Coordinator present during Meeting	Ms. AktaChugh, (EIA Coordinator) Ms. Richa Aggarwal.(EIA executive)
Representatives of PP present during Meeting	Mr. Ajay Pathania, M/s TARC Projects Limited
Proposal No.	SIA/DL/MIS/71214/2022
File No.	DPCC/SEIAA-IV/C-381(TOR)/DL/2022

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of TOR for Group Housing at Plot 67, Kirti Nagar, West Delhi, Delhi by M/s TARC Projects Limited.
2. The Project is located at **Latitude:**28°34'55.57"N; **Longitude:** 77° 3'6.54"E

After due deliberations, the SEAC in its 99th Meeting held on 22.02.2022,based on the information furnished, documents shown & submitted, presentation made by the project proponent recommended to resubmit Form1&1A with factually correct information along with clear and legible copies of statutory approvals which has been submitted by the project proponent in its ADS reply on 25.05.2022.

Details of the Proposed Project as per revised Form 1 & Form 1A are as under:

1. The Proposal is for grant of TOR for Group Housing at Plot 67, Kirti Nagar, West Delhi, Delhi by M/s TARC Projects Limited.
2. The Project is located at **Latitude:** 28°39'24.77"N; **Longitude:** 77°8'48.16"E
3. **Area Details:**

The Total (Net) Plot Area of the project is 24,793.580 sqm. The existing Built up Area is 68,142.73 sqm (as per previous EC dated 08.07.2008) which will be demolished. The Proposed Ground Coverage is 3,899.038 sqm and the Proposed Total Built-up Area (FAR + Non FAR Area) is 2,21,677.63sqm. The Proposed FAR Area is 86,274.34 sqm and Proposed Total Non FAR Area is135,403.291 sqm.The total no. of Basements will be 2 nos. The Total Basement Area is 39,372.75 sqm (Basement 1: 19,194.76 sqm and Basement 2: 20,178.00 sqm). The proposed buildings are 4 Residential tower + commercial (CSP) + EWS + club towers. The total nos. of floors will be G+S+27. Total No. of units

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(Reena Gupta)
Member, SEIAA

will be 781 (Dwelling Units: 493 nos, EWS Units: 144 nos and CSP units: 144 nos.) The total no of expected population is 3965 persons. The Max. Height of the buildingis 116.1 m

4. **Water Details:**

During Construction Phase,

Total water requirement will be 20 KLD out of which 12 KLD of water will be sourced through treated water from already existing STP for construction activities. For domestic use, 8 KLD water will be sourced through tankers.

During Operational Phase, Total Water requirement of the project will be 605 KLD which will be met by 283 KLD of Fresh water from Delhi Jal Board and 322 KLD of Treated water from in house STP.Out of 283 KLD Fresh Water, 273 KLD Fresh water will be used for Domestic Purposes and 10 KLD will be used for Swimming Pool. Total Waste water generated will be 370 KLD which will be treated inhouseSTP of 550 KLD capacity. Treated Waterfrom STP will be 322 KLD which will be recycled and reused for Flushing (138 KLD), Gardening (44 KLD), DG Cooling/HVAC (138 KLD), Miscellaneous (2 KLD).

Total 5 no. of RWH pits will be provided (4 are existing & 1 will be proposed) with a total capacity of 357.65 m3.

5. **Solid Waste Details**

During Construction Phase,Total solid waste generation from laborers will be 52.5 kg/day out of which 31.5 kg/day will be biodegradable which will be disposed off at solid waste disposal sites and 21 kg/day will be non-biodegradable waste and will be given to authorized recyclers. The C & D waste generated at the sitewill be reused to the extant possible at the site and rest will be sent to C&D waste management site.

During the Operation Phase, Approx. 1664 kg/day of domestic solid waste will be generated from the complex out of which 998 kg/day of Biodegradable waste will be treated in OWC present at site and 666 kg/day of Non Biodegradable Waste (Recyclable and Non Recyclable) will be given to approved recyclers.

6. **Power Details:**

During Construction Phase, For Power backup failure, DG sets of capacity 2x125kVA will be installed with adequate stack height.

During Operation Phase, Total Power requirement will be 7686 kW and will be supplied by BSES Rajdhani. For Power Back up, Gas based Generator Sets of Capacity 5x1500 kVA and 1x750 kVA will be installed.

2% (153.72 KW) of total energy demand will be met through solar energy.

7. **Parking Facility Details:** Total Parking required is 1226 ECS and Total Proposed Parking is 1420 ECS includingelectrical car parking provision of 284 ECS.
8. **Eco-Sensitive Areas Details:** Distance of Okhla Wildlife Sanctuary from project site is 19.01 Km SE and from Asola Wildlife Sanctuary is 20.20 Km SSE.

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9. **Plantation Details:** The proposed Green Area is 14,706.58 sqm. (59.31 % of total plot area). Total no. of trees required at the site are 310 nos. and Total no. of trees proposed are 310 nos. At present there are no major vegetation at the project site.
10. **Cost Details:** Total Cost of the project is Rs 300 Crores.

B. Based on information furnished, presentation made and discussions held, the SEAC in its 105th meeting held on 03.06.2022, committee recommended to issue following ToR:

1. ***The project proponent should obtain in-principle approval from DUAC.***
2. ***Examine details of land use as per Master plan and land use around 10km radius of the project site. Analysis should be made base on latest satellite imagery for land use with raw images. Share the elevation range of the site (minimum and maximum elevation above mean sea level) and the 10 year, 50 yr and 100 yr flood maps for the area and whether it is within the flood zone or directly on the flood plain of any river.***
3. ***Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.***
4. ***Examine baseline environmental quality along with projected incremental load due to the project.***
5. ***Water conservation scenario during monsoon period should be duly addressed.***
6. ***Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater,(c) surface water,(d) air,(e) bio-diversity,(f) noise and vibrations,(g) socio economic and health.***
7. ***Submit a copy of the contour plan with slopes, drainage pattern and low-lying area of the site and surrounding area. If there is any obstruction of the drainage lines and low-lying area proposed by the project, then the rationale for the same may be stated along with any mitigation measures.***
8. ***Submit the present land use and permission required for any conversion such as forest, agriculture etc. Submit the land type (kism) of each of the khasra numbers/plots of the site as per the revenue record/last jamabandi of the site. Is the site recorded as a low-lying area, waterbody, gairmumkinpahar, forest in the revenue record ?***
9. ***Submit Roles and responsibility of the developer etc for compliance of Environmental regulations under the provisions of EP Act.***
10. ***Ground water classification (whether over exploited, critical, semi-critical or safe) as per the Central Ground Water Authority***
11. ***Examine the details of Source of Water, water requirement, use of treated waste water and prepare a water balance chart. Segregated figures for potable and non potable water requirement during construction and operation phase.***

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12. *A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.*

13. *Rain Water Harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water, Examine details.*

    a. *Calculate runoff from (a) roof top, (b) other paved areas, and (c) green areas separately.*

    b. *Recent/Enhanced peak rainfall runoff data be used in the runoff calculation for designing storm water retention capacity, to make the site future ready – given the experience of last 5 years with extreme rainfall events and likely increase in frequency of such extreme events due to climate change.*

    c. *Prepare management strategy for runoff for each of these (a) roof top, (b) other paved areas, and (c) green areas*

    d. *Design natural storm water retention capacity in the green areas by marginal lowering, and gradient management to enhance natural retention and percolation, and indicate the natural retention capacity created in cubic metres.*

    e. *Indicate rainfall retention capacity created via storage tanks/percolation pits*

    f. *Rain water harvesting/ retention plan needs to be revised with RWH pits, taking into account the recent higher flash rain data along with actual percolation rate of the soil at site or min. 1 Recharge bore per 5000 sqm of Built up Area whichever is more along with the storage capacity of min. 1 day of total fresh water requirement along with layout and location plan.*

14. *Examine soil characteristics and depth of ground water table for rain water harvesting along with with actual percolation rate of soil at site.*

15. *Examine details of solid waste generation treatment and its disposal*

16. *Examine and submit details of use of solar energy and alternative source of Energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.*

17. *DG sets likely to be used during construction and operational phase of the Project. Emissions from DG sets must be taken into considered while estimation the impacts on air environment. Examine and submit details.*

18. *Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analyzed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.*

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19. *A detail traffic and transportation study should be made for existing and projected passenger and cargo traffic.Traffic Management Plan should take into consideration the latest traffic scenario. Detailed calculation of roads, bicycle paths, pedestrian spaces should be provided.*

20. *Examine the details of transport of materials for construction which should include source and availability.*

21. *Examine separately the details for construction and operation phases both for Environmental Management plan and Environment Monitoring Plan with cost and parameters*

22. *Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.*

23. *Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.*

24. *The Cost of the project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.*

25. *The Project Proponent should include a specific chapter for control of Dust Pollution during construction phase in the Environmental Management Plan incorporating the steps 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/CPCB/DPCC extant statutory orders/guidelines/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.*

26. *Detail of Parking (ECS) as per requirement of Building Bye Laws/ EIA Manual.*

27. *In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly.*

28. *Submit details of the trees to be conserved and trees to be felled / removed ,if any, by ground coverage, and trees to be removed for other paved areas ,for the project including their species and whether it also involves any protected or endangered species*

29. *Prepare and submit an existing tree inventory of the site listing each tree along with its species name and girth, and a tree layout plan showing the location of each tree on the site and within 10 m of the site. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation.*

30. *Explore the possibilities of utilizing the debris/waste materials available in and around the project area.*

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31. *Submit Environmental Management and Monitoring Plan for all phases of the project viz. construction and operation.*

32. *Submit NOC of Airport Authority of India for proposed height of the building.*

33. *Detail of water requirement during construction phase andits source. Project Proponent is required to clarify the arrangement for reusing the STP treated water/similar other source along with the mechanism proposed for making this water fit for use in construction phase.*

34. *Outlet parameters of proposed STP during operation phase needs to be checked for the feasibility of its reuse in flushing, horticulture, HVAC etc.*

35. *Justification to achieve the standards with the proposed technology of STP is required to be given.*

36. *Proposal should be included for a provision of toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide) detectors for STP area.*

37. *The cost of environmental monitoring projected in the proposal should be commensurate with the environmental safe guard proposed.*

38. *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.*

39. *Project is required to quantify the no. of labours and the detailed plan for the proposed labour camps and amenities for housing them during construction phase.*

40. *Landscape details to be provided with a measured impact on the micro-climate. Green area should be demarcated as per building bye laws and 25% green area and consolidated area of minimum 15 % of plot area should be kept as soft green area, so that there should be sufficient recharging of ground water.*

41. *Air quality pollution load and its negative impacts to be clarified along with mitigation options during the construction and lifetime of the project.*

42. *Give Typical Floor Plans with dimensions to demonstrate how natural ventilation & day lighting is being achieved supported with screenshots of suitable software based out puts.*

43. *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.*

44. *Proposal for provisioning the energy audit during operation phase.*

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45. *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.*
46. *Elaborated effects of the building activity in altering the microclimates with self-assessment on the likely impacts of the proposed construction on creation of heat island & inversion effects.*
47. *Give plan for managing, conserving the top soil excavated during construction and for its reuse. Give the extent of total soil excavation (in m3) proposed and where the excavated soil will be gainfully used.*
48. *Proposal should include provision for electric charging of the e-Vehicles as per Building Bye Laws.*
49. *Typical Floor Plans with dimensions to demonstrate how natural ventilation & day lighting is being achieved supported with screenshots of suitable software based out puts. Energy Simulation Modeling for the entire complex using appropriate softwares to be submitted along with the proposal.*
50. *Ideally the environmental clearance application along with EIA study should be submitted after preliminary 'In Principle Approval' from the local bodies duly rooted through development authorities in accordance with approved master plan*
51. *Any Further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model TOR available on Ministry website http://moef.nic.in/Manual/Townships.*

GENERAL GUIDELINES

1. *The EIA document shall be printed on both sides, as for as possible.*
2. *All documents should be properly indexed, page numbered.*
3. *Period/date of data collection should be clearly indicated.*
4. *Authenticated English translation of al material provided in Regional languages.*
5. *The letter/application for EC should quote the MOEF & CC file no. and also attach a copy of the letter prescribing the TOR.*
6. *The copy of the letter received from the SEAC on the TOR prescribed for the project should be attached as an annexe to the final EIA-EMP Report.*
7. *The final EIA-EMP report submitted must incorporate the issues in TOR. The index of the final EIA-EMP report, must indicate the specific chapter and page no. of the EIA-EMP report where the specific issue raised have been incorporated.*
8. *Grant of TOR does not mean grant of EC.*
9. *The status of accreditation of the EIA consultants with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.*

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10. *On the front page of EIA/EMP reports, the name of the consultant/ consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs(TOR proposed by the project proponent and additional TOR given by the MOEF) have been complied with and the data submitted is factually correct(Refer MOEF office memorandum dated 4th august,2009).*
11. *While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MOEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.*
12. *As stipulated in amendment notification No. S.O. 751(E) dated 17th February, 2020, the above ToR would be valid for a period of four years from the date of issue. The project proponent shall submit detailed final EIA Report and EMP prepared as per above ToR within the stipulated period of four years.*
13. *The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide notification of the MOEF dated 19.07.2013.*
14. *The Prescribed ToR would be valid for a period of four years for submission of the EIA/EMP Reports.*
15. *The EIA-EMP report submitted must incorporate the construction and demolition waste management plan with identification of waste disposal/ recycling site.*

In view of above the project was considered by SEIAA in its 61st Meeting held on 20.06.2022

C. The SEIAA during its meeting took the following decisions (s):

The SEIAA approved the recommendations of SEAC taken on 03.06.2022 for issuance of Terms of Reference (ToR) to the project with the additional conditions as below:

1. *The Project Proponent should implement the guidelines issued by committee Guidelines/ mechanism for using Anti Smog Gun in construction and Demolition projects having built-up area greater than 20,000 sqm issued by Department of Environment, NCT of Delhi, vide letter no. F. No.DPCC/(12)(1)(285)lab2020/2790-2810 dated 16.09.2021 available at https://dustcontroldpcc.delhi.gov.in/Upload/GuidelinesPDF/43/FilePDF_43_72377_4.PDF. Besides use of Anti-Smog Gunn the Project Proponent shall ensure that environment friendly Dust suppresant and soil stabilising chemical would be sprayed at prescribed interval on unpaved area of the construction sites to agglomerate the fine dust particles into aggregate too large to become airborne. This must be done in all those areas where there is movement of trucks and other*

(Sarvagya Kumar Srivastava)
Chairman, SEIAA

(K.S. Jayachandran)
Member Secretary, SEIAA

(Reena Gupta)
Member, SEIAA

construction machinery at frequent intervals to prevent formations of fine dust particles.

2. ***Project proponent shall install reference-grade (USEPA approved system) Continuous Particulate Monitoring System consisting of three nods capable of monitoring dust emission from the construction site. The system must have the capacity for simultaneous monitoring of PM2.5 and PM10 and equip for data transfer on a real-time basis to the server of DPCC.***

Meeting ended with the vote of thanks to the Chair.

(Sarvagya Kumar Srivastava)	(K.S. Jayachandran)	(Reena Gupta)
Chairman, SEIAA	Member Secretary, SEIAA	Member, SEIAA