

STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC)-DELHI

OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006

F.No. DPCC/MS/SEAC-IV/33/129/2021-22/ 577-583

Dated: 15/06/2023

MINUTES OF MEETING

Please find enclosed herewith the Minutes of Meeting of 129th Meeting of the State Level Expert Appraisal Committee (SEAC) held on 14.06.2023 in Conference Room of DPCC at 5th Floor, ISBT Building, Kashmere Gate, Delhi-110006 for information and necessary action, if any.



(Pankaj Kapil)
Member Secretary
SEAC, Delhi

To,

1. **Mr. Sarvagya Kumar Srivastava (Chairman, SEIAA)**, 370, Asiad village complex, Siri Fort, New Delhi 110049
2. **Special Secretary (Environment), Member Secretary, SEIAA**, Department of Environment, GNCTD, Level-6, C-wing, Delhi Secretariat, I P Estate, New Delhi-110002
3. **Sh. Vijay Garg, Chairman (SEAC)**, Plot No. 21, D-Block, Pankha Road, Institutional Area, Janakpuri, Delhi-110058

Copy to:

1. **PS to Chairman, DPCC**- for kind information.
2. **PA to Member Secretary, DPCC**- for kind information.
3. **EIA Cell, DPCC**
4. **IT Cell, DPCC** for placing the minutes on website



(Pankaj Kapil)
Member Secretary
SEAC, Delhi

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

Minutes of the 129th Meeting of State Level Expert Appraisal Committee (SEAC) held on 14.06.2023 at 11:00 AM in the Conference Room of DPCC, at 5th Floor, ISBT Building, Kashmere Gate, Delhi 110006.

The 129th Meeting of State Level Expert Appraisal Committee (SEAC) was held on 14.06.2023 in the Conference Room of DPCC under the Chairmanship of Sh. Vijay Garg. The following Members of SEAC were present in the Meeting:

- | | | |
|---------------------------|---|------------------|
| 1. Sh. Vijay Garg | - | In Chair |
| 2. Dr. Sumit Kumar Gautam | - | Member |
| 3. Sh. Ashish Gupta | - | Member |
| 4. Sh. Gopal Mohan | - | Member |
| 5. Sh. Ankit Srivastava | - | Member |
| 6. Sh. Pankaj Kapil | - | Member Secretary |

Following SEAC Members could not attend the Meeting:

- | | | |
|-------------------------------|---|--------|
| 1. Sh. Pranay Lal | - | Member |
| 2. Ms. Jyoti Mendiratta | - | Member |
| 3. Ms. Paromita Roy | - | Member |
| 4. Sh. Chetan Agarwal | - | Member |
| 5. Dr. Sirajuddin Ahmed | - | Member |
| 6. Dr. Kailash Chandra Tiwari | - | Member |

The DPCC Officials namely Sh. Amit Chaudhary (EE, DPCC), Sh. S.K. Goyal (EE, DPCC), Sh. Rohit Kumar Meena, (JEE, DPCC) and Sh. Manish Awasthi (JEE, DPCC) assisted the Committee.

The Minutes of the 128th SEAC Meeting held on 20.05.2023 were confirmed by the Members.

Sumit *Ashish* *Compliment* *Manish*
Amit *Gopal*

Agenda: 01

Case No C-428

Name of the Project	EC 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	Mr. Muthukumaran (EIA Coordinator) Mrs. Richa Aggarwal
Representatives of PP present during Meeting	Mr. Ajay Pathania (Authorized signatory)
Proposal No.	SIA/DL/INFRA2/401931/2022
File No.	DPCC/SEIAA-IV/C-428/DL/2022

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of EC for Group Housing at Plot 67, Kirti Nagar, West Delhi, Delhi by M/s TARC Projects Limited and details have been updated/ modified in view of appraisal by SEAC.
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 2,21,677.63 sqm. The Proposed FAR Area is 86,274.34 sqm and Proposed Total Non-FAR Area is 135,403.291 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 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 building is 116.1 m.

4. Water Details:

During Construction Phase,

Total water requirement will be 30 KLD out of which 20 KLD of water will be required for domestic purpose which will be sourced through tanker supply and 4 KLD of water will be required for construction use and 6 KLD of water will be required for 4 Nos. of ASGs which will be taken from Keshopur STP.

During Operational Phase (after conservative measures), 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

Sumit *Ashish* *Amrinder* *Sanjay* *Sanjay*

Swimming Pool. Total Waste water generated will be 370 KLD which will be treated in-house STP of 550 KLD capacity. Treated Water from STP will be 333 KLD, out of which 322 KLD which will be recycled and reused for Flushing (138 KLD), Gardening (44 KLD), DG Cooling/HVAC (138 KLD), Miscellaneous (2 KLD) and excess treated water i.e. 11 KLD will be discharged into sewer.

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 22.5 kg/day out of which 11.5 kg/day will be biodegradable which will be disposed off at solid waste disposal sites and 11.0 kg/day will be non-biodegradable waste and will be given to authorized recyclers.

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 01 Nos. OWC of capacity 1250 Kg/day and 666 kg/day of Non-Biodegradable Waste (Recyclable and Non-Recyclable) will be given to approved recyclers. Sludge generation will be 227.54 kg/day.

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 8751 kW (including E-vehicle power load) 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.

384.3 KW of total energy demand will be met through solar energy.

7. Parking Facility Details: Total Proposed Parking is 1420 ECS including electrical car parking provision of 426 ECS.

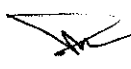
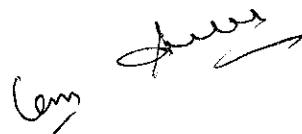
8. Eco-Sensitive Areas Details: Distance of Okhla Wildlife Sanctuary from project site is 19.01 Km SE and from Asola Wildlife Sanctuary is 20.20 Km SSE.

9. Plantation Details: The proposed Green Area is 14,706.58 sqm. out of which soft green area is 6370.58 sqm & and hard green is 8336 sqm.. Total no. of existing trees at site is 8 nos, which will be retained and no. of existing shrubs are 62 nos. Total no. of trees proposed is 310 nos.

10. Cost Details: Total Cost of the project is Rs 300 Crores.

The TOR was issued to the project proponent by SEIAA, Delhi vide letter no. DPCC/SEIAA-IV/C-381(ToR)/DL/2021/4015-4018 dated 08.07.2022. Accordingly the PP submitted the EIA report.

After due deliberations, the SEAC in its 119th Meeting held on 25.11.2022, 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 03.03.2023 vide letter dated 02.03.2023 which is as follows:.

Sanit Adish Chaudhary  

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S.No.	Information Sought by SEAC during SEAC Meeting dated 25.11.2022	Reply dated 02.03.2023 submitted on 03.03.2023
1.	Traffic plan approval by Unified Traffic and Transportation Infrastructure (Planning & Engineering) Centre (UTTIPEC).	PP has attached reply letter of UTTIPEC dated 16.12.2022 received in response of their application for traffic plan approval by UTTIPEC.
2.	Assurance for supply of Treated Sewage during Construction Phase. 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.	PP has attached request letter to DJB during the construction phase. PP has attached characteristics of STP treated water and standards for construction water.
3.	Water assurance from DJB for meeting the quantum of water supply during operational phase with following details. - Water assurance specifying the quantity of water to be supplied to the project. - Total water supply availability as per approved scheme of the command area in which the project is proposed to be developed. - The quantity of water already committed and after the quantity of water allotted to the project, the balance water available.	PP has attached DJB letter dated 10.08.2021 regarding submission of IFC charges calculated by DJB for issuance of NOC.
4.	Power supply assurance from TPDDL/ BSES or the application submitted to the concerned agencies.	PP has attached power feasibility report from TPDDL dated 29.12.2022.
5.	Break up of green area duly demarcating road area, green area, soft green area and hardscape area and Revised landscape plan with design of natural storm water retention capacity in green areas by marginal lowering and gradient management which can enhance natural percolation and indicate the same in m3 with due demarcation.	PP has informed that Total green area provided is 14,706.580 sqm out of which soft green area is 6370.58 sqm & and hard green is 8336 sqm. PP has attached Revised landscape plan with design of natural storm water retention capacity in green areas by marginal lowering and gradient management. PP has informed that there are 8 nos. of existing trees present at site with 62 nos. of shrubs. PP has attached details of the same.
6.	Revised calculation for solid waste generation figures accounting for the	PP has attached revised solid waste generation figures including STP sludge



	sludge generated from STP and its disposal methodology.	which are as follows: <table><tr><th>Type of waste</th><th>Quantity (kg/day)</th></tr><tr><td>Biodegradable waste</td><td>998</td></tr><tr><td>Non-Biodegradable waste</td><td>666</td></tr><tr><td>STP Sludge</td><td>227.54</td></tr><tr><td>Total Waste</td><td>1891.4</td></tr></table> PP has informed that 1 no. of OWC is proposed of total capacity 1250 kg/day.	Type of waste	Quantity (kg/day)	Biodegradable waste	998	Non-Biodegradable waste	666	STP Sludge	227.54	Total Waste	1891.4																																
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7.	Revised water mass balance chart with reduced fresh water demand reviewing demand reduction strategies, recycling/ reuse.	PP has attached revised water mass balance after water conservation measures which is as follows: During Operation Phase (After taking conservation measures): <table><tr><th>S.No.</th><th>Particulars</th><th>Quantity</th></tr><tr><td>1.</td><td>Total Water Requirement</td><td>605 KLD</td></tr><tr><td>2.</td><td>One time Fresh Water Requirement (Source: DJB)</td><td>283 KLD</td></tr><tr><td></td><td>Fresh water requirement (daily)</td><td>273 KLD</td></tr><tr><td></td><td>Swimming Pool</td><td>10 KLD</td></tr><tr><td>3.</td><td>Treated Water Requirement (Source: in House STP)</td><td>322 KLD</td></tr><tr><td></td><td>Flushing</td><td>138 KLD</td></tr><tr><td></td><td>Cooling</td><td>138 KLD</td></tr><tr><td></td><td>Misc.</td><td>2</td></tr><tr><td></td><td>Gardening</td><td>44 KLD</td></tr><tr><td>4.</td><td>Waste Water Generated</td><td>370 KLD</td></tr><tr><td>5.</td><td>STP Capacity</td><td>550 KLD</td></tr><tr><td>6.</td><td>Treated Water Generated</td><td>333 KLD</td></tr><tr><td>7.</td><td>Treated water discharged into sewer</td><td>11 KLD</td></tr></table>	S.No.	Particulars	Quantity	1.	Total Water Requirement	605 KLD	2.	One time Fresh Water Requirement (Source: DJB)	283 KLD		Fresh water requirement (daily)	273 KLD		Swimming Pool	10 KLD	3.	Treated Water Requirement (Source: in House STP)	322 KLD		Flushing	138 KLD		Cooling	138 KLD		Misc.	2		Gardening	44 KLD	4.	Waste Water Generated	370 KLD	5.	STP Capacity	550 KLD	6.	Treated Water Generated	333 KLD	7.	Treated water discharged into sewer	11 KLD
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8.	Revised solar energy utilization to achieve atleast 10 % of power load requirement.	PP has informed that they will provide 5% of the total power load (7686 KW) through renewable resources i.e 384.3 KW.
9.	Revised parking proposal to achieve 30 % of the ECS for electric vehicle. In addition, provision should be made to allow extension of electric charging facility to all parking slots in the future.	PP has informed that they will provide 30% of the total parking provision of 426 ECS for electric vehicles in parking.
10.	Revised details with respect to point no. 31 of ToR related to trees by submission of revised landscape plan showing the details (species and girth) of existing trees.	PP has attached Revised landscape plan showing the details (species and girth) of existing trees.
11.	Revised details with respect to point no 35 & 36 of ToR related to water requirement and STP.	PP has attached outlet parameters of proposed STP.
12.	PP is required to submit heat island effect supported with modeling.	PP has attached heat island effect with modeling
13.	Air pollution abatement plan for the air pollutants like PM2.5 , PM10, SOx , Nox etc.	PP has attached air pollution abatement plan.

After due deliberations, the SEAC in its 125th Meeting held on 18.03.2023, 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 25.05.2023 vide letter dated 22.05.2023 which is as follows:

S.No.	Information Sought by SEAC during SEAC Meeting dated 18.03.2023	Reply dated 22.05.2023 submitted on 25.05.2023
1.	Tree report of the site with details of physical tree count of all trees including shrubs on site alongwith tree girth with local and scientific names of trees.	PP informed that total 08 numbers of trees exists at site. PP attached report on tree survey conducted by Foundtech Consultants (P) Limited dated 05.05.2023 on the site with details of physical tree count including shrubs on site along with tree girth with local & Scientific names of trees along with photographs of 08 trees..
2.	Site map with locations of existing trees color coded to show trees that will be preserved.	PP stated that total 08 numbers of trees exists at site which will be retained at site. PP attached location of trees with green color demarcated on the site plan.
3.	Revised realistic quantification of STP sludge.	PP informed that total wet sludge produced per day will be 169.59 kg/day & total dry sludge produced will be 59.36 kg/day.
4.	Revised details of power load in view	PP informed that 30% of electrical vehicle



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	of provisioning of charging of e-vehicles.	charging points (i.e. 426 numbers) will be provided which consist of a power load of 1065 kW that has been taken into total electrical load calculation. PP also informed that revised power load will be 8751 kW after taking the load of EV charging point.
5.	Using output of the simulation tools demonstrate that the lowest habitable floor has the exposure of direct sunlight atleast of 2 hrs as on 21st December.	PP attached detailed study of Urban Heat Island effect demonstrating the lowest habitable floor that has exposure of direct sunlight atleast of 2 hrs as on 21st December.
6.	Revised air pollution abatement plan for air pollutants like PM _{2.5} , PM ₁₀ , SO _x , NO _x , etc with realistic pollution load from traffic/ car parking.	PP attached revised air pollution abatement plan for air pollutants like PM _{2.5} , PM ₁₀ , SO _x , NO _x , etc with realistic pollution load from traffic/ car parking
7.	Details of pervious and impervious area.	PP informed that: Total green area: 14,706.580 sqm Pervious area: 1998.0 sqm Impervious area: 12708.58 sqm

B. After due deliberations, the SEAC in its 129th meeting held on 14.06.2023 recommended as follows:

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

1. Revised plan for installation of Solar PV to save at least 5% of total power.
2. Revised Air Pollution quantification and its abatement plan is required to be resubmitted with detailed calculation and reference.
3. Area should be quantified with quantification of day light hours.
4. Revised estimation for STP sludge.
5. Assurance received from DJB regarding supply of STP treated water during construction phase.
6. The Project Proponent should explore the possibility of providing the grass pavers for fire tender movement and pervious area shall be increased and maintained as 20% of the total green area committed.
7. Status of infrastructure charges levied/to be levied by MCD for land use conversion.

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Agenda No: 02

Case No. C-448

Name of the Project	EC for Proposed Expansion of Commercial Complex (IT enabled Services) located at Plot No.34 Rama Road, Najafgarh Industrial area, New Delhi.
Project Proponent	Mr. Abhijit Chakraborty, M/s MIRKANA ENGINEERING PVT LTD at A2, Udyog Nagar, Industrial area, Peeragarhi Rohtak Road, New Delh
Consultant:	Gaurang Environmental Solutions Pvt. Ltd
EIA Coordinator present during Meeting	Mr. Abhishek Gautam (EIA Coordinator) Mr. Vimal (JEO)
Representatives of PP present during Meeting	Mr. Abhijit Chakraborty (Head HR& Admin) Mr. Anil
Proposal No.	SIA/DL/INFRA2/428375/2023
File No.	DPCC/SEIAA-IV/C-448/DL/2023

A. Details of the proposed project are as under:

1. The Proposal is for grant of EC for Proposed Expansion of Commercial Complex (IT enabled Services), at Plot No.34 Rama Road, Najafgarh Industrial area, New Delhi by M/s MIRKANA ENGINEERING PVT LTD.

The existing project accorded with the environmental clearance MoEF&CC vide letter no. F.No.21-16/2020-IA-III dated 02.07.2020 for the Gross built up area 31822.17 sq.m including 2 towers and maximum height upto 27.45 m. As of now 25,746.99 sq. m built up area has been constructed at the site having 2 floors only as mentioned in EMP.

2. The Project is located at **Latitude:** 28°39'39.27"N to 28°39'41.58"N; **Longitude:** 77°9'12.24"E to 77°9'10.80"E.

3. **Area Details:**

The Total Plot Area of the project is 6959.280 sqm (Net Plot area is 6694.480 sqm) after expansion it will remain the same. The Total Built-up Area of the project will increase from 31822.17 sq.m to 37916.01 sq.m (proposed BUA is 6093.84 sq. m.). The FAR of the project will increase from 15,656.75 sq. m to 20,042.65 sq.m (proposed FAR area is 4385.9 sq. m). and the Non-FAR area will be 17873.36 sq. m. The Ground Coverage will decrease from 3327.64 sq. m. to 2949.12 sq. m. The Basement area is 13,615.05 sqm. The no. of tower will remain same i.e. 2 nos (Adobe Block & Mirkana Block) and no. of floors will increase from 3B + S + G + 5F to 3B + S + G + 7F. The Population will increase from 1766 to 2255. The Max. Height of the Building will increase from 27.45 m to 34.9 m.

4. **Water Details:**

During Construction Phase, water requirement is expected to be 5 KLD which will be met by through pipelines of DJB supply.

During Operational Phase (existing), Total Water requirement of the project will 81 KLD which will be met by 43 KLD of Fresh water from Delhi Jal Board and 38 KLD of Treated water from in house STP. Total Waste water generated will be 69 KLD which will be treated in house STP of 2 X 40 KLD capacity. Treated Water from STP will be 62 KLD will be recycled and

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reused for Flushing (34 KLD), Gardening (4 KLD). Excess treated water (24 KLD) will be given to nearby construction sites and roadside green areas. Number of Rain Water Harvesting (RWH) Pits is 2 nos.

During Operational Phase (after expansion), Total Water requirement of the project will 103 KLD which will be met by 55 KLD of Fresh water from Delhi Jal Board and 48 KLD of Treated water from in house STP. Total Waste water generated will be 88 KLD which will be treated in house STP of 100 KLD (2 X 50 KLD) capacity. Treated Water from STP will be 79 KLD which will be recycled and reused for Flushing (44 KLD), landscaping (4 KLD). Excess treated water (31 KLD) will be supplied to open drain. Number of Rain Water Harvesting (RWH) Pits will remain same i.e. 2 nos.

5. Solid Waste Details

During Construction Phase, About 370 MT of the construction waste generated will be managed as per the norms of Construction & Demolition Waste Management Rules, 2016 and Excavated soil will be reused within the site at the maximum extend. Other construction waste will be sent to C & D waste recycling facilities

During the Operation Phase (after Expansion), Total solid waste generation from the project will increase from 435 kg/ day to 560 kg/day which will consist of 224 kg/day bio degradable waste and the same will be sent to organic waste converter of capacity 250 kg/day. 12.9 kg/ day STP Sludge will be generated.

6. Power Details:

During Operation Phase (after Expansion), Total demand load will be 3858.87 kW (1924.58 kW for Adobe Block and 1934.29 kW for Mirkana Block) which will be supplied from TATA Power Limited. For Power Back up, DG set of capacity 2320 kVA (1x1250 kVA, 1x750 kVA and 1x320 kVA) will be installed.

7. Parking Facility Details:

Total proposed parking will increase from 316 ECS to 448 ECS (*Stilt Parking: 52 ECS & Basement Parking: 396 ECS*).

8. Eco-Sensitive Areas Details: Not details submitted.

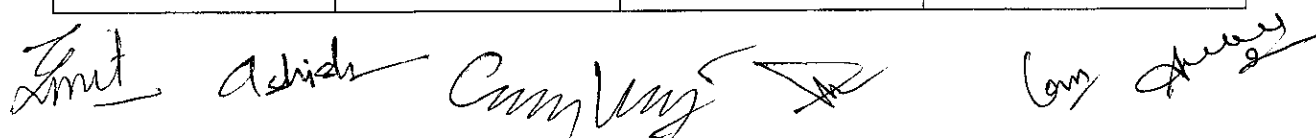
9. Plantation Details:

The Green Area will remain unchanged i.e. 1,005.55 sqm (15.02 %). Total trees proposed are 85 numbers. The project involves the vertical expansion only thus, no cutting and transplantation of trees envisaged at the site.

10. Cost Details: The project cost will increase from 125.12 crore to 141.07 crore.

Comparative table for silent features of the project:

	As per previous EC	Proposed	Total
Total Plot area	6959.280 sq. m	No change	6959.280 sq.m
Road Widening	--	--	264.88 sq.m.
Net Plot area	--	--	6694.480 sq.m.
Gross Built up area	31822.17 sq.m	6093.84 sq. m.	37916.01 sq.m
Permissible FAR	--	- (4425.06 sq. m.)	3.0 (20083.44 sq.m)
Proposed FAR	--	- (4385.9 sq. m.)	2.99 (20042.65 sq.m.)
Green Area	--	--	1005.55 sq.m (15.02 %)
Ground Coverage Permissible Achieved	--	No change (-378.52 sq.m)	50 % (3347.24) 44.05 % (2949.12 sq m)



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No. of Towers	2 nos. Adobe Block Mirkana Block	No change	2 nos. Adobe Block Mirkana Block
No. of Floors	--	2 floors	3 B + S + G + 7 Floors
Height of Building up to terrace	27.45 m	7.45 m	34.9 m
Project facilities	IT Offices	IT Offices	IT Offices
Power Requirement	3354.92 kVA (TPDDL)	Connected Load : 5128.31 KW Demand Load : 3858.87 KW	Connected Load : 5128.31 KW Demand Load : 3858.87 KW
Power backup	--	DG set: - 1250 kVA (1 no.) 750 kVA (1 no.) 320 kVA (1 no.)	DG set: 1250 kVA (1 no.) 750 kVA (1 no.) - 320 kVA (1no.)
Water Requirement	81 KLD	22 KLD	103 KLD
Fresh water	o 43 KLD	o 12 KLD	o 55 KLD
Recycled water	o 38 KLD	o 10 KLD	o 48 KLD
Source	o DJB Supply	o DJB Supply	o DJB Supply
Waste water generation	69 KLD	19 KLD	88 KLD
Treated water for reuse	62 KLD	17 KLD	79 KLD
Flushing:	34 KLD	10 KLD	44 KLD
Gardening:	4 KLD	0 KLD	4 KLD
Disposal of excess treated water	24 KLD (Will be given to nearby construction sites and road side green areas)	7 KLD	31 KLD
STP Numbers	2 nos.	To be enhanced	2 Nos.
Capacity	40 KLD each		100 KLD (50+50)
Technology	MBR		MBR
Parking Requirement			
Required parking	o 314 ECS	o 88 ECS	o 402 ECS
Proposed parking	o 316 ECS	o 132 ECS	o 448 ECS
Solid waste	435 Kg/day	125 kg/day	560 kg/day
Rain water Harvesting	2 nos.	No change	2 nos.
Project cost	Rs.125.12 Crores	Rs. 15.95 Crores	Rs. 141.07 Crores

[Handwritten signatures: Amit, Ashish, Anurag, and others]

The PP has submitted the certified compliance report of previous Environment Clearance from the Regional Office of MoEF&CC issued vide Letter dated 23.02.2023. As per the aforesaid Compliance Report most of the EC conditions have been reported to be complied/ agreed for compliance or being complied except the following:

1. *The company shall draw up and implement corporate social responsibility Plan as per the Company's Act of 2013.*
2. *The quantity of fresh water usage, water recycling and rain water harvesting shall be measures and recorded to monitor the water balance as projected by the project proponent.*
3. *Occupational health surveillance of the workers shall be done on a regular basis.*
4. *The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.*
5. *The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.*
6. *The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.*

B. After due deliberations, the SEAC in its 129th meeting held on 14.06.2023 recommended as follows:

Before proceeding for appraisal of the expansion proposed the project proponent is required to submit the action taken report on the non-compliances reported in certified compliance report of Regional office of MoEF&CC, GOI.

Sumit Ashish Anil Kumar Singh

Minutes of Meeting of 129th SEAC Meeting dated 14.06.2023

Agenda No.: 03

Case No. C- 447

Name of the Project	EC for Construction of Married Accommodation, Officers Mess, Unit MI Room, Religious Institute and Allied Infrastructure for BRO Personnel from QMG to DGBR at A-1, Defence Land (Survey No.-268) near Village Todapur, New Delhi by M/s Border Road Organization under Ministry of Defense
Project Proponent	Mr. Surendra Kumar, Junior Engineer, M/s Border Road Organization, HQ DGBR Seema Sadak Bhavan Naraina, New Delhi, Delhi, 110028
Consultant	M/s Oceao Enviro Management Solutions India Pvt Ltd.
EIA Coordinator present during Meeting	Mr. Himanshu Goel (Director) Ms. Priya Chaudhary (Assistant Manager)
Representative of PP present during Meeting	Col. G.R. Vasisht Mr. Anant Kumar Singh (EE)
Proposal No.	SIA/DL/INFRA2/427310/2023
File No.	DPCC/SEIAA-IV/C-447/DL/2023

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of EC for Construction of Married Accommodation, Officers Mess, Unit MI Room, Religious Institute and Allied Infrastructure for BRO Personnel from QMG to DGBR at A-1, Defence Land (Survey No.-268) near Village Todapur, New Delhi by M/s Border Road Organization under Ministry of Defence.
2. The Project is located at **Latitude:** 28°37'29.03"N; **Longitude:** 77°09'17.42"E.
3. **Area Details:**
The Plot Area of the project is 36,017.02 sqm. The Proposed Total Built-up Area is 79,044.11 sqm. The Proposed FAR Area is 49,800.70 sqm. The Proposed Non FAR Area is 29,243.41 sqm. The Proposed Ground Coverage is 11,926 sqm. The total no. of residential towers will be 6 nos. and other buildings will consist of Multipurpose Hall, MI room & Shopping complex, Officers Club, ESS. Maximum number of floors will be 22. The total no of expected population is 2074 persons. No. of dwelling units will be 329 nos.
4. **Water Details:**
During Construction Phase, Water requirement will be met through private tankers and waste water generated will be treated and disposed through septic tanks with soak pits.
During Operational Phase, Total Water requirement of the project will be 352 KLD which will be met by 174 KLD of Fresh water from Delhi Jal Board/ MCD and 178 KLD of Treated water from in house STP. Total Waste water generated from the project will be 222 KLD which will be treated up to tertiary level in house STP of 250 KLD capacity. Treated Water from STP will be 178 KLD which will be reused for Flushing (83 KLD), Horticulture (37 KLD), OWC (0.5 KLD), Sprinkling & Road Wash (57.7 KLD).

[Signatures]

Minutes of Meeting of 129th SEAC Meeting dated 14.06.2023

Number of Rain Water Harvesting (RWH) Pit proposed is 7 nos.

5. Solid Waste Details

During Construction Phase, the construction waste from the site will be used to the extent possible at the site and rest will be disposed at designated government approved dumping site through authorized vendors.

During the Operation Phase, Total solid waste generated from project will be 932 kg/day. Out of which 466 kg/day will be Biodegradable waste, 372.8 kg/day will be Recycled waste, 83.8 kg/day will be Inert Waste and 9.32 kg/day will be e-waste. The biodegradable wastes will be composted in an onsite OWC with minimum capacity of 50 kg/batch or 600 kg/shift. The recyclable wastes will be disposed through a government approved agency to recycling industry and non-recyclable waste will be disposed through govt. approved agency.

6. Power Details

During Operation Phase, Total power requirement will be 2410 kVA and will be met from nearby existing MES Power Station. For Power Back up, DG sets of Capacity 650 KVA (1x400 kVA + 1x250 kVA) will be installed.

7. Parking Facility Details: Total Proposed Parking is 467 ECS.

8. Eco-Sensitive Areas Details: Distance of Okhla Wildlife Sanctuary from project site is 13.8 km ESE and from Asola Wildlife Sanctuary is 14.3 km SSE.

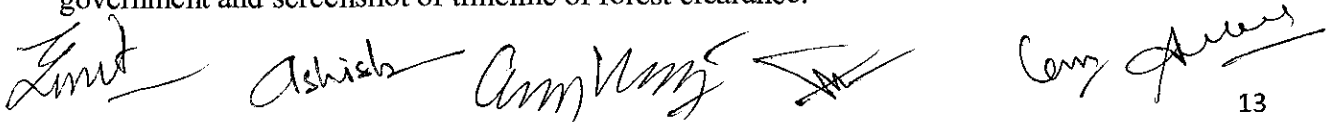
9. Plantation Details: The proposed Green Area is 12300 sqm. (34.15 % of total plot area). The Project site has 779 nos. of trees out of which 6 trees will be retained, 773 trees will be felled. Total no. of trees proposed is 450 nos.

10. Cost Details: Total Cost of the project is Rs 300 Crores.

PP has submitted request letter dated 14.03.2023 to DJB for issue of permission for provision of water supply to the project.

OM dated 09.09.2011 *inter-alia* envisages that At the stage of consideration of proposals for EC in respect of projects involving forestland, the project proponent would inform the respective EACs about the status of their application for forestry clearance along with necessary supporting documents from the concerned Forest Authorities. It will clearly be informed to the EAC whether the application is at the State level or at the Central level. The EAC will take cognizance of the involvement of forestland and its status in terms of forestry clearance and make their recommendations on the project on its merits. After the EAC has recommended the project for environmental clearance, it would be processed on file for obtaining decision of the Competent Authority for grant of environmental clearance. In the cases where the Competent Authority has approved the grant of environmental clearance, the proponent will be informed for the same and a time limit of 12 months, which may be extended in exceptional circumstances to 18 months, a decision on which will be taken by the competent authority, will be given to the proponent to submit the requisite stage-I forestry clearance. The formal environmental clearance will be issued only after the stage-I forestry clearance has been submitted by the proponent.

PP in application form has stated that application for forest clearance has been submitted on 03.02.2023 at Parivesh portal along with all the requisite documents and the present status of the proposal is – recommended from state government and pending at IRO head. PP has uploaded an undertaking regarding the same enclosing the recommendation of state government and screenshot of timeline of forest clearance.



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The SEAC deliberated the Notification S.No. 1886 (E) dated 20.04.2022 amending the provision of EIA Notification, 2006 envisaging as follows:

...(iii a) Such Category 'B' projects, relating to the National defence or strategic or security importance or those as notified by the Central Government on account of exigencies such as pandemics, natural disasters or to promote environmentally friendly activities under National Programmes or Schemes or Missions or such projects which are inordinately delayed beyond the stipulated timeline as laid down in this notification and also meet the criteria as laid down in this regard from time to time, shall be considered at the Central level as Category 'B' projects;

B. After due deliberations, the SEAC in its 129th meeting held on 14.06.2023 recommended as follows:

As the project belongs to Border Road Organisation and coming up on a defence land the committee recommended for delisting the case in SEIAA, Delhi for resubmission at Parivesh Portal to MoEF&CC, GoI.

Amr Ashish Cum Mr. [Signature] [Signature]

Agenda No.: 04

Case No. C-449

Name of the Project	EC for The Proposed Expansion of "The Address" at Plot No. – 4B, Mayur Vihar, Phase-I Extension, New Delhi, 110091 by M/s Antarctica Properties Company Limited
Project Proponent	Mr. Ankit Bansal, Authorized Signatory, M/s Antarctica Properties Company Limited, Plot No. 4B, Mayur Vihar, Phase-I Extension, New Delhi
Consultant	M/s IND TECH HOUSE CONSULT
EIA Coordinator present during Meeting	Mr. Soumya Driwedi (EIA Coordinator) Mr. Indra Sharma (FAE)
Representative of PP present during Meeting	Mr. Atul Prakash Sharma (Project Manager)
Proposal No.	SIA/DL/INFRA2/432667/2023
File No.	DPCC/SEIAA-IV/C-449/DL/2023

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of EC for The Proposed Expansion of "The Address" at Plot No. – 4B, Mayur Vihar, Phase-I Extension, New Delhi, 110091 by M/s Antarctica Properties Company Limited.

The existing project was a non EC project as existing built up area is 18786.95 sqm which is less than 20,000 sqm and does not attract EIA notification, 2006 and now PP has proposed expansion of 5,527.11 sqm in the existing project and applied for EC as proposed total built up area after expansion will be 24314.060 sqm which is greater than 20,000 sqm.

CTO to the project was issued on 11.01.2023 which is valid upto 15.04.2027.

Occupancy cum Completion Certificate was issued to the existing project on 11.08.2021 vide file no. 13(119)2008/BLDG_OCC.

2. The Project is located at **Latitude:** 28°35'39.85"N; **Longitude:** 77°17'55.03"E.
3. **Area Details (after expansion):**

The Plot Area of the project is 4536 sqm which will remain same. The Total Built-up Area will increase from 18786.95 sqm to 24314.060 sqm. The FAR Area will increase from 8898.289 sqm to 11347.815 sqm. The Non FAR Area will be 12966.245 sqm. The Ground Coverage will be 1358.34 sqm. The total no. of residential towers will be 2 nos.. The maximum number of floors will be 3B+G+16. The total no of expected population will be 1136 persons.

4. **Water Details:**

During Construction Phase, treated water requirement will be 20 KLD which will be met through tankers. Sewage from toilets at construction site will be collected in a sump and disposed common STP through authorized tankers.

During Operational Phase (after expansion), Total Water requirement of the project will be 206 KLD which will be met by 32 KLD of Fresh water from Delhi Jal Board and

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174 KLD of Treated water from in house STP and nearby STP through tankers. Total Waste water generated from the project will be 41 KLD which will be treated in house STP of 50 KLD capacity. Treated Water from STP will be 38 KLD and 136 KLD from nearby STP will be reused for Flushing (16 KLD), Horticulture (1 KLD), DG Cooling (7 KLD) and HVAC (150 KLD). 4.4 kg/day of sewage sludge generated from the STP will be used in horticulture as manure.

Existing number of Rain Water Harvesting (RWH) Pit is 2 nos which will remain same.

5. **Solid Waste Details**

During Construction Phase, The construction waste will be reused within the site for various constructions filling work. In addition to that there will be generation of small quantity of municipal waste from construction labors which will be handled as per solid waste management rules 2016.

During the Operation Phase (after expansion), Total solid waste generated from project will be 280 kg/day. Out of which 110 kg/day will be Biodegradable waste, 170 kg/day will be Non-Biodegradable waste. The biodegradable wastes will be composted in an onsite OWC and will be used as manure. The non-biodegradable will be disposed through authorized vendors.

6. **Power Details**

During Operation Phase (after expansion), total power requirement will increase from 1432 kW to 1900 kW which will be met from BSES. For Power Back up, DG sets of Capacity 2020 KVA [1x1010 kVA (existing) + 1x1010 kVA (proposed)] will be installed.

Solar photovoltaic power panels of 30 kwp capacity will be provided

7. **Parking Facility Details (after expansion):** Total Proposed Parking will be 229 ECS (Surface: 25 ECS, Basements: 204 ECS).

8. **Eco-Sensitive Areas Details:** Distance of Okhla Wildlife Sanctuary from project site is 2.53 km SE and from Asola Wildlife Sanctuary is 11.44 km SW.

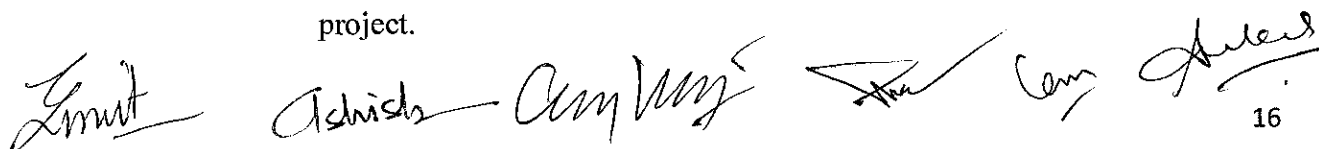
9. **Plantation Details (after expansion):** The proposed Green Area is 103.85 sqm. (Including green walls/ vertical surfaces). No tree cutting and clearance of vegetation involved as proposed project involves vertical expansion only.

10. **Cost Details:** Total Cost of the project is Rs 194.34 Crores (Existing: 172.34 crore and proposed: 22 crores).

B. After due deliberations, the SEAC in its 129th meeting held on 14.06.2023 recommended as follows:

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

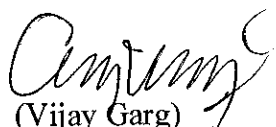
1. Self-Certified compliance report of the Consent to Operate supported with all requisite latest Effluent test report of STP, Noise and Stack emission reports of DG sets from DPCC/ CPCB/ MoEF&CC/ NABL accredited labs.
2. Assurance for supply of Treated Sewage during Construction Phase. PP is required to clarify the arrangement for reusing the aforesaid treated water along with the mechanism proposed for making this water fit for use in construction.
3. Water assurance from DDA including the following details:
 - Water assurance specifying the quantity of water to be supplied to the project.

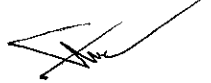


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- Total water supply availability as per approved scheme of the command area in which the project is proposed to be developed.
 - The quantity of water already committed and after the quantity of water allotted to the project, the balance water available.
4. Proposal for a provision of toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia) detectors for STP area.
 5. 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 sensors for monitoring PM 2.5, PM 10.
 6. Revised solar energy utilization to achieve atleast 05 % of power load requirement as per deliberation in meeting.
 7. Specify name and numbers of the post to be engaged by the proponent for implementation and monitoring of environmental parameters.
 8. Parking proposal to achieve 30 % of the ECS for electric vehicle. In addition, provision should be made to allow extension of electric charging facility to all parking slots in the future.
 9. The Capital and Recurring cost of EMP with inclusion of cost of environmental monitoring during construction and operation phase needs to be submitted.
 10. 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 with detail of increasing temperature and mitigation measures.
 11. Air pollution abatement plan with quantification of pollution load for the air pollutant like PM 2.5, PM 10, SOx, NOx etc. due to proposed development.
 12. Tree report of the site with details of physical tree count of all trees including shrubs on site alongwith tree girth with local and scientific names of trees.

Meeting ended with the vote of thanks to the Chair

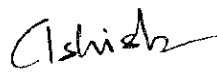

(Vijay Garg)
Chairman


(Pankaj Kapil)
Member secretary


(Ankit Srivastava)
Member


(Gopal Mohan)
Member
(online)


(Sumit Kumar Gautam)
Member


(Ashish Gupta)
Member