

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

Minutes of the 128th Meeting of State Level Expert Appraisal Committee (SEAC) held on 20.05.2023 at 11:00 AM in the Conference Room of DPCC, at 5th Floor, ISBT Building, Kashmere Gate, Delhi 110006.

The 128th Meeting of State Level Expert Appraisal Committee (SEAC) was held on 20.05.2023 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. Sh. Pranay Lal | - | Member |
| 3. Ms. Jyoti Mendiratta | - | Member |
| 4. Dr. Sumit Kumar Gautam | - | Member |
| 5. Sh. Ashish Gupta | - | Member |
| 6. Ms. Paromita Roy | - | Member |
| 7. Sh. Chetan Agarwal | - | Member |
| 8. Sh. Gopal Mohan | - | Member |
| 9. Sh. Ankit Srivastava | - | Member |
| 10. Sh. Pankaj Kapil | - | Member Secretary |

Following SEAC Members could not attend the Meeting:

- | | | |
|-------------------------------|---|--------|
| 1. Dr. Sirajuddin Ahmed | - | Member |
| 2. 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 127th SEAC Meeting held on 03.05.2023 were confirmed by the Members.

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Agenda 01: Updation of Checklist for measurable environmental indicators

Joint Meeting of SEIAA-SEAC was held on 25.04.2023 and it was discussed that the SEAC has framed a Checklist for measurable environmental indicators. The aforesaid checklist needs to be updated based on the experience gained by the expert members of the SEAC and the check list framed by SEAC will be followed for appraisal of the projects in addition to the provisions of EIA Notification.

It was decided to share the soft copy of the checklist along with the EDS checklist of EC and ToR to Sh. Ashish Gupta, Member SEAC and thereafter the same may be finalised with the assistance of Sh. Chetan Agarwal (Member), Sh. Ankit Srivastava (Member) and Ms. Paromita Roy (Member) in coordination with Chairman, SEAC.

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Sh. Ashish Gupta
Sh. Chetan Agarwal
Sh. Ankit Srivastava
Ms. Paromita Roy
Chairman, SEAC
Cam Vmgy
Cam Vmgy

Agenda: 02

Case No C-403

Name of the Project	EC for proposed IT/ITES Building At Plot No. 37, Block A, Mohan Cooperative Industrial Estate New Delhi by M/s Tejaswani Developers Private Limited
Project Proponent	Mr. Rajkumar Singh, M/s Tejaswani Developers Private Limited, C-1, Sector 3 Noida, Gautam Buddha Nagar, Uttar Pradesh-201301.
Consultant	M/s Ind Tech House Consult
EIA Coordinator present during Meeting	Mr. Anand Dubey (EIA Coordinator) Mr. Soumya Drivedi
Representative of PP present during Meeting	Mradul Srivastava (GM)
Proposal No.	SIA/DL/MIS/277695/2022
File No.	DPCC/SEIAA-IV/C-403/DL/2022

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of EC for proposed IT/ITES Building At Plot No. 37, Block A, Mohan Cooperative Industrial Estate New Delhi by M/s Tejaswani Developers Private Limited
2. The Project is located at **Latitude:**28°31'20.83"N; **Longitude:** 77°17'33.78"E.
3. **Area Details:**

The Total Plot Area of the project is 5784.04 sqm. The Proposed Total Built-up Area (FAR + Non FAR Area) is 29438.81 sqm. The Proposed FAR Area is 17346.72 sqm. The Proposed Non FAR Area is 12092.09 sqm. The Proposed Ground Coverage is 1705.36 sqm. The total no. of Basements will be 2 nos. The Total Basement Area will be 7063 sqm. The total no. of Buildings Blocks will be 1 nos. The total nos. of floors will be 2B+ST+9. The total no of expected population (all floating) is 2031 persons. The max height of the building (upto the terrace) will be 40 m.

4. Water Details:

During Construction Phase, Water requirement will be met from through water tanker authorized by DJB Authority and about 6.81 KLD sewage will be generated which will be treated in mobile STP.

During Operational Phase, Total Water requirement of the project will be 109 KLD which will be met by 65 KLD of Fresh water from Delhi Jal Board and around 44 KLD of Treated water from in house STP. Out of 65 KLD of Fresh Water, 63 KLD will be used for Domestic Purposes and 2 KLD will be used for Filter Backwash. Total Waste water generated will be 95 KLD which will be treated in house STP of 115 KLD capacity. Treated Water from STP will be 90 KLD, out of which approx. 44 KLD will be recycled

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and reused for Flushing (43 KLD), Horticulture (1 KLD). Excess treated water (46 KLD) will be discharged into Public Sewer.

Number of Rain Water Harvesting (RWH) Pits proposed is 4 nos.

5. Solid Waste Details

During Construction Phase, about 36.00 kg/day of municipal solid waste will be generated which will be disposed to MCD designated site through authorized vendor. Construction wastes will be recycled and excess construction debris will be disposed at designated places in tune with the local norms.

During the Operation Phase, Total 0.54 TPD of Solid Waste will be generated from the project. Out of which, Bio-Degradable Waste (0.21 TPD) will be composted in onsite composting unit and the manure will be used for landscaping and Non-Biodegradable Waste (0.33 TPD) will be disposed at MCD designated site through authorized vendors as per local norms.

6. Power Details

During Operation Phase, Total Power requirement will be 2975 KW which will be supplied by BSES Rajdhani. For Power Back up, DG sets of Capacity 3600 KVA (2 x 1500 + 1 x 600 KVA) will be installed.

Proposed Roof Top SPV Power Generation is 60 KWp.

7. Parking Facility Details: Total Proposed Parking is 352 ECS (Stilt Parking: 65 ECS and Parking in Basements: 287 ECS).

8. Eco-Sensitive Areas Details: Distance of Okhla Wildlife Sanctuary from project site is 4.04 Km NE and from Asola Wildlife Sanctuary is 3.02 Km SW.

9. Plantation Details: The proposed Green Area is 601.4 sqm. (10.04% of plot area). Total no. of trees required are 72 nos. and Total no. of trees proposed are 75 nos. The site is having some shrubs and trees but as per survey plan there is no tree to be cut.

10. Cost Details: Total Cost of the project is 117 Crores.

After due deliberations, the SEAC in its 107th Meeting held on 01.07.2022, 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 28.07.2022 vide letter dated 26.07.2022 which is as follows:

S.No.	Information Sought by SEAC during SEAC Meeting dated 01.07.2022	Reply dated 26.07.2022 submitted on 28.07.2022
1.	Assurance for supply of Treated Sewage during Construction Phase along with identification of nearest STP of DJB. 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 informed that STP treated water will be used for construction purpose which will be sourced from DJB STP plant located at Okhla, Delhi. PP has attached an undertaking regarding the same.
2.	Fresh water mass balance is required to be submitted with	PP has attached Revised water calculations after taking conservation measures which

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revised figures after making efforts to conserve the water by maximizing the reuse to achieve zero treated waste water discharge along with 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.

are as follows:

S.No.	Particulars	Quantity
1.	Total Water Requirement	75 KLD
2.	Fresh Water Requirement (Source: DJB)	42 KLD
3.	Treated Water Requirement	33 KLD
	Flushing	32 KLD
	Horticulture	1 KLD
4.	Treated water discharged into Drainage System	31 KLD
5.	Waste Water Generated	64 KLD
6.	STP Capacity	80 KLD

PP is also proposing an Under Ground Tank whose details is as follows:

S.No.	Particulars	Quantity
1.	Total UGT Capacity	300 KLD
	For Domestic Use (24 hrs storage)	50 KLD
	For Fire Fighting (as per NBC)	200 KLD
	For water curtain (as per NBC)	50 KLD

PP has attached revised water balance diagram and calculation showing the same.

3. Technical feasibility/ justification of treatment units of STP supported by simulation model study.

PP has attached technical feasibility along with simulation model study.

4. Revised landscape plan with demarcated green area with soft green area. Landscape details to be provided with a measured impact on the micro-climate. Green area

PP has informed that they are now proposing 867.98 sqm (15 % of plot area) as green.

PP has attached revised landscape plan

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Yogendra

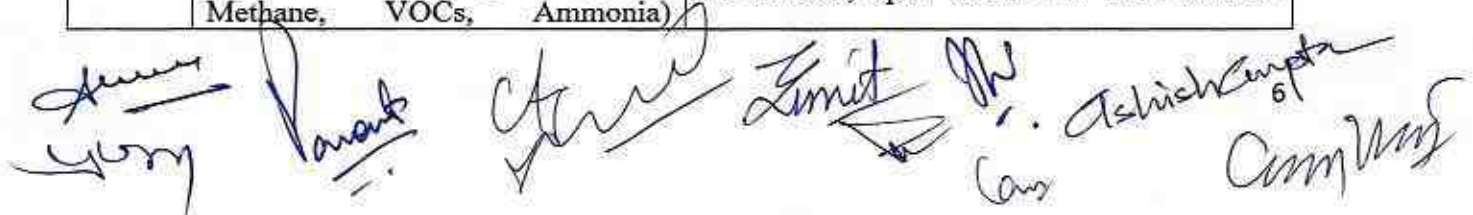
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Amit

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Amit

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Ashish Kumar
Om Singh

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	should be demarcated as per building bye laws and minimum consolidated area of 15 % of plot area should be kept as soft green area. Further, wherever tree plantation being done/ proposed, tree-pit size of 6' x 6' / tree to be adopted as permeable surface of the tree.	showing the location of pre-existing trees and the proposed trees along with the detail of green area proposed.
5.	There is already excavation existing at site in which shrubs growth has taken place. An existing tree inventory with species and girth of each tree may be prepared, along with a baseline green area map, showing all trees supported by videography.	PP has attached revised landscape plan showing the location of pre-existing trees and the proposed trees PP has also informed that videography has also been done which will be presented during the meeting.
6.	Plan for managing, conserving the top soil excavated during construction and for its reuse.	PP has informed that the soil will be collected separately and preserved in stacks with side slopes not exceeding 3:1 and efforts will be made to reinstate the soil for backfilling purposes. PP has also informed that top soil will be excavated and preserved and the same will be preserved by proper covering or by seeding temporary grass.
7.	Water assurance from DDA/DJB/NDMC/DCB including the following details: <ul style="list-style-type: none"> 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 informed that at present there is no water and sewer connection in the area. PP has also informed that building will be operation only after getting the water/ sewer connection or approval from competent authority. PP has attached an undertaking for the same.
8.	Proposal for a provision of toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia)	PP has informed that proposed capacity of STP is 80 KLD which will be installed on the surface, open to air and there will be



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	detectors for STP area.	small quantities of gases which will be discharged directly to the atmosphere.
9.	Rain water harvesting/ retention plan needs to be provided with numbers of RWH pits, taking into account the recent higher flash rain data along with actual percolation rate of the soil at site supported by a test report with layout and location plan.	PP has informed that they are proposing 4 RWH Pits. PP has attached RWH calculation for the same.
10.	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/ 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.	PP has attached revised EMP in response to the query raised.
11.	Provision for electric charging of the e-Vehicles as per Building Bye Laws.	PP has informed that they are proposing 5 % of Total ECS i.e. 18 EV charging points. PP has attached parking plan showing EV charging points.
12.	The revised realistic cost of environmental monitoring.	PP has attached revised Environment Budget for the construction and operation phase During construction phase, Capital cost will be 23.15 Lacs and Recurring cost will be 10.55 Lacs/ annum. During operation phase, capital cost will be 73.57 Lacs and Recurring cost will be 19.29 Lacs/ annum.
13.	Revised Geotechnical investigation report is required to be submitted.	PP has attached Geotechnical Soil Investigation report.
14.	Examine and resubmit the proposal for cleaner fuel generator sets.	PP has informed that they will install DG sets as per latest norms of GRAP/ NGT/ DPCC guidelines.



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The project proponent gave presentation and showed the videography of the site wrt existing vegetation.

After due deliberations, the SEAC in its 110th Meeting held on 08.08.2022 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 project proponent shall obtain water supply permission/ assurance before operation of the project.
2. The project proponent shall adhere to the revised total water requirement – 75 KLD, Fresh water requirement – 42 KLD, Treated water requirement – 33 KLD (for recycling in flushing – 32 KLD, Horticulture – 1 KLD). The project shall follow principle of Zero Liquid Discharge (ZLD). Excess treated water from the STP will not be discharged to sewer line but the same shall be utilized for reuse purposes after adequate up-gradation of treated water to reuse standards.
3. PP shall start operation only after getting sewer connection from competent authority as committed. PP shall maintain sewer line for emergency case to discharge wastewater generation into public sewer.
4. Treated water of DJB STP should be used for construction purposes only after tertiary treatment of the same to ensure it is fit for construction use.
5. The project proponent should adhere to the revised cost of Environmental Management Plan as committed during the presentation i.e. capital cost of Rs. 133.57Lacs & Recurring cost of Rs. 10.55 Lacs/ year during construction phase and capital cost of Rs. 133.57 Lacs & Recurring cost of Rs. 19.29 Lacs/ year during operation phase.
6. At least 2 % of the total energy demand to be sourced from Solar (Renewable) energy. Roof Top SPV shall be provided for 60 kWp as committed.
7. Only LED lighting fixtures should be used for energy conservation.
8. PP shall provide 352 ECS as committed.
9. PP shall provide electric charging points in parking areas for e-vehicles for at-least 20% of car parking as committed.
10. Ground water should be extracted only after the permission from the competent authority.
11. No of rain water harvesting pits shall be 04 nos. as committed. Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work. All recharge should be limited to shallow aquifer. Depth of boring should leave buffer of atleast 10 m above ground water table.
12. 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

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- final outfall/ sewer connection. Calibration for all the Flow meters shall be maintained on quarterly basis.
13. Minimum 1 tree for every 80 Sq. Mt of plot area (75 Nos.) should be planted within the project site.
 14. Green building norms should be followed with a minimum 3 star GRIHA/IGBC/ASSOCHAM GEM rating and Gold rating should be followed up.
 15. Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.
 16. Wind- breaker of appropriate height i.e. $1/3^{rd}$ of the building height and maximum up to 10 metres shall be provided all around the project site before the start of construction.
 17. 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 VardhamanKaushik Vs. Union of India & others and Sanjay KulshreshthaVs Union of India & others, CAQM/CPCB/DPCC extant statutory orders/guidelines/directions issued time to time including registration/ self audit on Dust Pollution Control Self-Assessment Portal with provision of video fencing and low cost sensors for monitoring PM 2.5, PM 10.
 18. Project proponent shall be responsible for establishment, operation and maintenance of all common facilities and also for compliance of EC conditions during operation stage.
 19. 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.
 20. 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.
 21. 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 assured water supply of DJB/ New Delhi Municipal Council / other such local civic authority (as the case may be).
 22. 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.
 23. 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.

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24. The PP shall store all the construction material within the project site as committed. Provision shall be made for providing facilities such as mobile toilets, safe drinking water, medical healthcare, crèche etc for the construction workers hired locally.
25. As proposed, fresh water requirement from municipal supply shall not exceed 42 KLD as per water assurance obtained from DJB. Occupancy Certificate shall be issued only after getting necessary permission for required water supply from DJB/ concerned Authority.
26. 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.
27. The PP shall provide toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia) detectors for STP area.
28. Possibility to install gas based generator shall be explored and the generator sets shall be operated as per extant directions of CAQM/ CPCB guidelines
29. Energy audit shall be carried out periodically to review energy conservation measures.
30. All sensor/meters based equipment should be calibrated on quarterly basis.
31. The green building audit shall be done on annual basis since inception of the project. Further, the audit report shall be included in six monthly compliance report.
32. Occupancy of the premises would be allowed only after getting Electric supply from concerned power supply agencies to restrict the use of generator sets.
33. The project proponent shall implement the revised Traffic Management Plan as committed.

The case was considered in 63rd meeting of SEIAA held on 31.08.2022 & SEIAA decided to defer the case for next meeting and the proposal was considered in 64th meeting of SEIAA dated 07.09.2022 and SEIAA took the following decisions (s):

The availability/assurance of water supply for the project during its operational phase from any government approved agency/Delhi Jal Board is not available in the area/locality where the project is located which may lead to illegal extraction of Ground water/ unauthorized supply of raw water once project completes its construction.

Therefore, SEIAA decided to refer back the matter to SEAC to examine the proposal with firm assurance of water during operational phase of the project.

The case was then considered in 115th meeting of SEAC held on 17.09.2022 and following was deliberated in the meeting

The water details of the proposal are as under:

S.No.	Particulars	Figures as submitted in Proposal	Revised Figure after appraisal
1.	Total Water Requirement	109 KLD	75 KLD
2.	Fresh Water Requirement	65 KLD	42 KLD

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	(Source: DJB)		
3.	Treated Water Requirement	44 KLD	33 KLD
	Flushing	43 KLD	32 KLD
	Horticulture	1 KLD	1 KLD
4.	Treated water discharged into Drainage System	46 KLD	31 KLD
5.	Waste Water Generated	95 KLD	64 KLD
6.	STP Capacity	115 KLD	80 KLD

PP during the appraisal informed that at present there is no water and sewer connection in the area. PP also informed that building will be operation only after getting the water/ sewer connection or approval from competent authority. PP attached an undertaking for the same.

The SEAC while recommending the Environmental Clearance to SEIAA inter-alia specified the following conditions:

1. **The project proponent shall obtain water supply permission/ assurance before operation of the project.**
2. The project proponent shall adhere to the revised total water requirement – 75 KLD, Fresh water requirement – 42 KLD, Treated water requirement – 33 KLD (for recycling in flushing – 32 KLD, Horticulture – 1 KLD). The project shall follow principle of Zero Liquid Discharge (ZLD). Excess treated water from the STP will not be discharged to sewer line but the same shall be utilized for reuse purposes after adequate up-gradation of treated water to reuse standards.
3. PP shall start operation only after getting sewer connection from competent authority as committed. PP shall maintain sewer line for emergency case to discharge wastewater generation into public sewer.
4. Treated water of DJB STP should be used for construction purposes only after tertiary treatment of the same to ensure it is fit for construction use.
5. 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 assured water supply of DJB/ New Delhi Municipal Council / other such local civic authority (as the case may be).
6. 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.
7. 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.

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8. As proposed, fresh water requirement from municipal supply shall not exceed 42 KLD as per water assurance obtained from DJB. Occupancy Certificate shall be issued only after getting necessary permission for required water supply from DJB/ concerned Authority.
9. 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.
10. Ground water should be extracted only after the permission from the competent authority.

After due deliberations, the SEAC in its 115th Meeting held on 17.09.2022 recommended that the PP doesn't have water assurance from water supplying agency. SEIAA has raised apprehensions that unavailability of water may promote unauthorized extraction of ground water. SEAC deliberated the matter at length covering various aspects and options available in such scenario. It was consensus decision that in order to have perennial availability of water, treated water from STPs should be utilized for all the purposes and appropriate technologies should be implemented for up-gradation of water. PP should submitted detailed scheme along with shortlisted technology and proposed financial expenditure for up-gradation of treated water to different reuse quality.

In response the Project Proponent has uploaded its reply on 23.09.2022 stating that their project will be completed within 4 to 5 years and by that time they assume Govt. of Delhi will supply the fresh water for domestic use, if they are unable to get permission to get fresh water from DJB/ Ground Water during operation phase then they will increase their STP capacity from 80 KLD to 95 KLD and they will install 5 m³/hr Water Treatment Plant (WTP) for treatment of STP treated water to convert Class A water quality as specified by CPCB for domestic use. For the aforesaid purposes proposal has been enclosed and the cost of EMP has been revised.

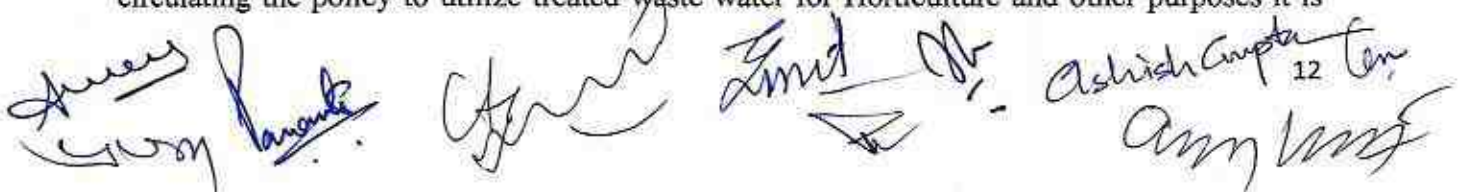
Source of STP treated water has not been identified by PP.

The case was considered in 116th SEAC meeting held on 04.10.2022 and following was deliberated during the meeting.

The committee took a note of manual on Water Supply and Treatment (CPHEEO,1999), in which it has been mentioned that the Environmental Hygiene Committee (1949) recommended that the objective of a public water supply should be to supply water "that is absolutely free from risk of transmitting diseases, is pleasing to the senses and is suitable for culinary and laundering purposes" and that "freedom from risks is comparatively more important than physical appearance or hardness" and that safety is an obligatory standard and physical and chemical qualities are optional within a range.

The committee also took a note of drinking Water specification as per IS 10500:2012 the drinking water shall comply with requirements of Organoleptic and physical parameters, general parameters concerning substances undesirable in excessive amounts, parameters concerning toxic substances and radioactive substances including pesticide residues limits, bacteriological, virological and biological requirements and as per Section 76 of Delhi Jal Board Act 1998, No person shall make any development without obtaining permission from the board to the effect that sufficient arrangement will be made for drainage, sewerage and supply of wholesome water, and every such development shall be made subject to and in accordance with any conditions laid down with such permission.

As per Delhi Jal Board D.O. No. CEO/M(Dr)/2018/1065-1090 dated 16.10.2018 issued for circulating the policy to utilize treated waste water for Horticulture and other purposes it is

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understood that Delhi Jal Board has resolved to allow lifting of sewage from their STPs at existing standards for utilizing the same for Horticulture and for the purposes other than the drinking.

After due deliberations, the SEAC in its 116th Meeting held on 04.10.2022 recommended as follows:

1. PP to obtain permission of Ground Water extraction for Fresh water from the advisory committee as per notification dated 12.07.2010.

OR

PP should submit the proposal to DJB and take permission/ consent of Delhi Jal Board for making the arrangement for supplying the treated sewage/ treated STP water which would be further upgraded by PP to meet different uses except potable use. PP must ensure supply of fresh potable water

2. Regarding disposal of excess treated water from the STP, PP submitted that DJB sewer line doesn't exist near the area hence it is recommended that PP should upgrade the water quality for different reuse purpose and ensure 100% reuse in nearby area

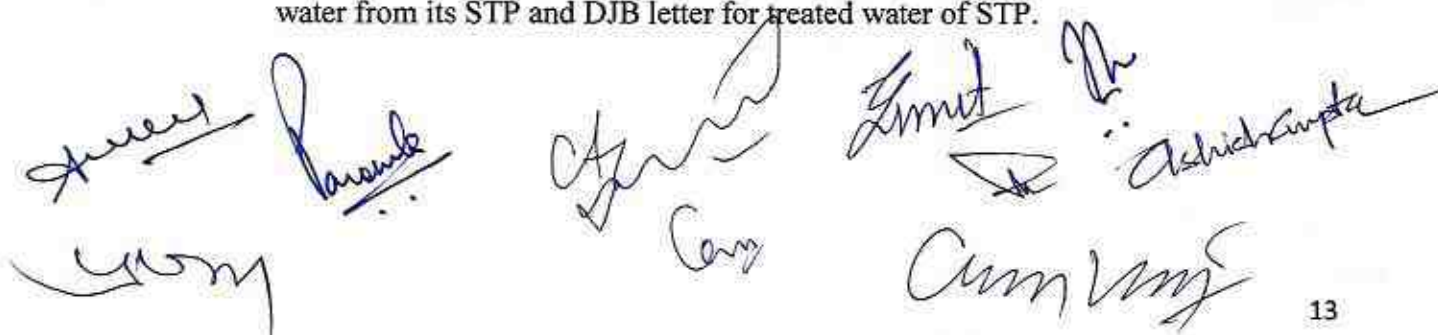
In response to the query raised by SEAC in its 116th meeting held on 04.10.2022, PP submitted its reply on 09.05.2023 stating that as letter received by DJB, water assurance can only be obtained after EC, however our building plan and fire approval has been obtained and attached following documents:

1. DJB letter dated 27.04.2023 issued by Zonal Revenue Officer – (S), DJB stating that
 1. *The proposal needs to be submitted online through OBPS system after all statutory approvals such as Environment Clearance, Height NOC etc.*
 2. *After scrutiny of your proposal as submitted, DJB would work IFC (Infrastructure Charges) as per DJB rules and conditions for said project.*
 3. *DJB shall provide the water connection for proposed commercial complex as per your requirements and technical feasibility of said commercial complex at the stage only completion after apply for the same.*
2. Building Plan sanction letter dated 02.04.2022 issued by South Delhi Municipal Corporation.
3. DFS approval letter dated 23.02.2022 issued by Directorate of Delhi Fire Service

B. After due deliberations, the SEAC in its 128th meeting held on 20.05.2023 recommended as follows:

Based on the information furnished, documents shown & submitted, presentation made by the project proponent, the committee noted that the revenue officer of DJB is not competent to issue such letters and sought the following information:

1. The project proponent is required to obtain the letter of fresh water assurance from appropriate engineering section of DJB.
2. The PP is also required to submit the proposal of reutilization of excess treated water from its STP and DJB letter for treated water of STP.

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Agenda No. 03

Case No. C-411

Name of the Project	EC for Construction of EWS Housing at Dev Nagar, Karol Bagh, New Delhi by M/s Delhi Urban Shelter Improvement Board.
Project Proponent	Mr. Kishan Pal Singh, Engineer, M/s Delhi Urban Shelter Improvement Board, Engineer C-11, DUSIB Office, Punervas Bhawan, I.P. Estate, New Delhi
Consultant	M/s IND TECH HOUSE CONSULT
EIA Coordinator present during Meeting	Mr. Anand Dubey (EIA Coordinator) Mr. Soumya Drivedi
Representative of PP present during Meeting	D.P Meena (AE, Civil) Pranzull Verma (JE, CIVIL) Mr. Gagan Garg (Architect)
Proposal No.	SIA/DL/MIS/284940/2022
File No.	DPCC/SEIAA-IV/C-411/DL/2022

A. Details of the Proposed Project are as under:

1. The Proposal is for grant of EC for Construction of Construction of EWS Housing at Dev Nagar, Karol Bagh, New Delhi by Delhi Urban Shelter Improvement Board and details have been updated/ modified in view of appraisal by SEAC.
2. The Project is located at **Latitude: 28°39'35.73"N"; Longitude: 77°11'11.65"E**.
3. **Area Details:**
The Plot Area of the project is 8460 sqm. The Proposed Total Built-up Area is 37068.174 sqm. The Proposed FAR Area is 23222.24 sqm. The Proposed Non FAR Area is 13845.94 sqm. The Proposed Ground Coverage is 2321.531 sqm. The total no. of floors will be St+14. The total no of expected population is 3466 persons. The Max. Height of the building is 42.65 m.
4. **Water Details:**
During Construction Phase, Water requirement will be met from treated water supply from Delhi Jal Board (DJB) and Waste water generated from the labour camp will be 5.57 KLD.
During Operational Phase, Total Water requirement of the project will be 286 KLD which will be met by 202 KLD of Fresh water from Delhi Jal Board and 84 KLD of Treated water from in house STP. No groundwater will be extracted. Total Waste water generated from the project will be 230 KLD which will be treated up to tertiary level in house STP of 280 KLD capacity. Treated Water from STP will be 207 KLD out of which 84 KLD treated water will be reused for Flushing (68 KLD), landscape (4 KLD) DG Cooling (1 KLD), Road Wash (11 KLD) and the rest amount of 123 KLD surplus treated water will be supplied to govt. approved water agency for uses.
Number of Rain Water Harvesting (RWH) Pit proposed is 3 nos and Rainwater collection tank of storage capacity of min. 1 day of total fresh water will be provided.

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5. Solid Waste Details

During Construction Phase, Total 29.25 kg/day of solid waste will be generated. MSW generated will be disposed at designated dumping site through authorized vendors. Municipal solid wastes from construction site will be disposed at designated dumping site through authorized vendors.

During the Operation Phase, Total solid waste generated from project will be 1.87 TPD. Out of which 1.11 TPD will be Biodegradable waste and 0.76 TPD will be Non-Biodegradable waste. Solid wastes generated will be segregated into biodegradable and non-biodegradable components and collected in separate bins. The biodegradable wastes will be composted in an onsite OWC with minimum capacity of 0.3 Kg/person/day and the manure will be used for landscaping. The non-biodegradable/ recyclable wastes will be disposed at designated site through authorized vendors.

6. Power Details

During Operation Phase, Total connected load will be 4694 kW and demand load will be 2383 kW and will be met from Grid supply of BSES Rajdhani Power Ltd. For Power Back up, GG sets of Capacity 200 KVA will be installed.

Solar photovoltaic power panels of 137.01 KWp capacity will be provided.

7. Parking Facility Details: Total Proposed Parking is 121 ECS. Electric Charging facility for 24 EV cars and 39 EV scooters will be provided.

8. Eco-Sensitive Areas Details: Distance of Okhla Wildlife Sanctuary from project site is 17.5 Km and from Asola Wildlife Sanctuary is 19.6 km.

9. Plantation Details: The proposed Green Area is 1279 sqm. (15.15 % of plot area). The Project site has 80 nos. of trees out of which 11 trees will be saved, 05 trees will be cut and remaining 64 trees will be transplanted. Total no. of trees proposed is 127 nos.

10. Cost Details: Total Cost of the project is Rs 102.28 Crores.

During presentation the PP clarified the revised tree figures and submitted information that 89 trees are existing at site out of which 69 trees will either be cut or transplanted.

After due deliberations, the SEAC in its 113th Meeting held on 29.08.2022 decided to defer the case to the next forthcoming SEAC meeting due to paucity of time.

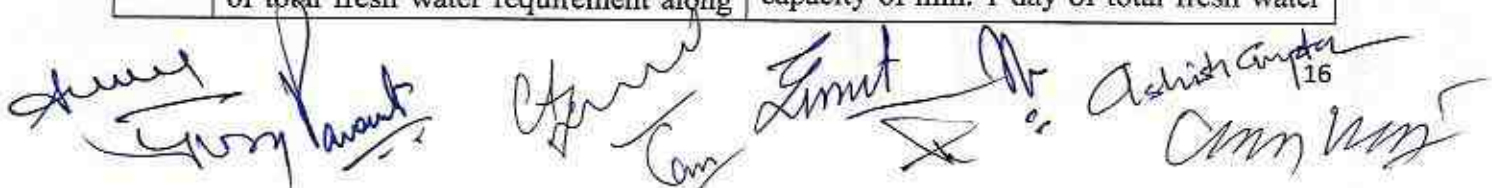
After due deliberations, the SEAC in its 114th Meeting held on 09.09.2022, based on the Information furnished, documents shown, submitted, presentation made by the project proponent recommended to seek the additional information which has been responded back by the project proponent on 03.03.2023 which is as follows:

S.No.	Information Sought by SEAC during 114 th Meeting dated 09.09.2022	Reply dated 03.03.2023
1.	Building Plan approval from competent authority and revised Delhi Fire Service clearance with revised tree planning.	PP submitted that the issue was addressed to the Delhi Fire Services Department but they denied our proposal. PP has attached copy of the letter issued by Delhi Fire Service, GNCTD dated 09.11.2022 for the same. PP further stated that the Delhi Fire Services Department, the current scheme

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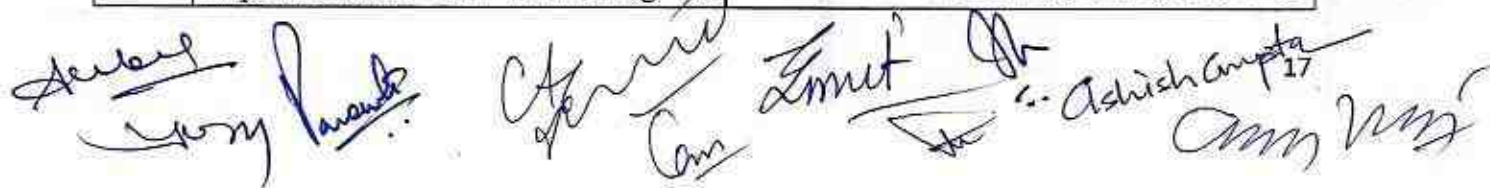
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		will be followed, for which the NOC from DFS is already received. PP has attached Fire NOC dated 08.06.2022.
2.	<p>Water assurance from DDA/DJB/NDMC/DCB including the following details:</p> <ul style="list-style-type: none"> • Water assurance specifying 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. 	<p>PP has attached a letter dated 29.04.2022 issued by DJB to submit IFC charges.</p> <p>PP has attached undertaking as annexure for depositing the IFC charges after getting EC.</p>
3.	<p>Assurance for supply of Treated water from STP 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.</p>	<p>PP submitted that during construction phase treated water for construction purpose will be sourced from Vikash Water supply agency which is approved by DJB. Copy of the same is attached as annexure.</p> <p>PP stated that 60 KLD WTP will be installed during construction phase.</p>
4.	<p>PP is required to submit provisions of necessary infrastructure and facilities made for construction labors at site such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical healthcare, crèche etc.</p>	<p>PP submitted that during construction phase all necessary facilities for labour like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical healthcare, crèche etc will be provided. Undertaking in this regard is attached as Annexure.</p> <p>PP has attached layout plan marking the location of the facilities like labour camp, medical facilities etc as Annexure</p>
5.	<p>PP is required to identify the nearby Park for using the surplus treated water and submit the proposal for connecting the same through fixed pipeline.</p>	<p>PP submitted that all surplus water from the Sewage Treatment Plant during operational phase will be supplied regularly to govt. approved water agency for uses as per relevant guidelines. Undertaking for the same is attached as annexure.</p>
6.	<p>Provision for Rainwater collection tank of storage capacity of min. 1 day of total fresh water requirement along</p>	<p>PP has submitted that they will provide Rainwater collection tank of storage capacity of min. 1 day of total fresh water</p>



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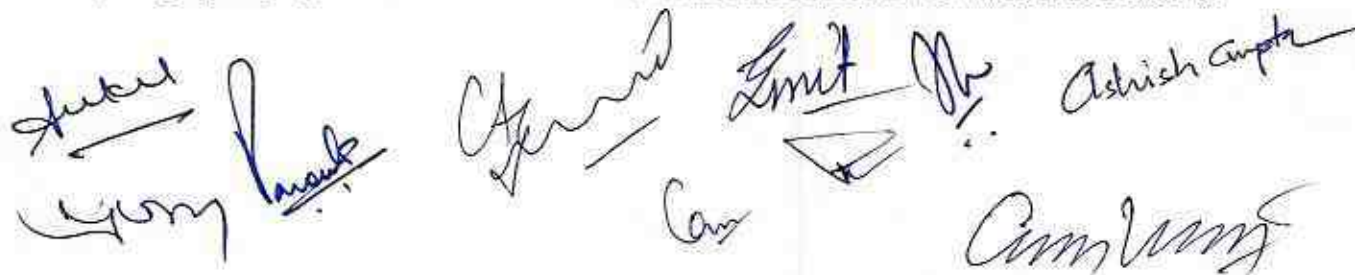
	with layout and location plan.	requirement. Location of the same is attached as annexure.									
7.	Provision for organic waste compost/vermiculture pit/ organic waste convertor (OWC) within premises with minimum capacity of 0.3 Kg/person/day.	PP has attached the undertaking dated 24.02.2023 for installation of Organic Waste Converter with minimum capacity of 0.3 Kg/person/day.									
8.	PP is required to submit power supply assurance from BSES.	PP has attached a letter dated 24.02.2023 stating that the power requirement of approx. 1608 kW for the EWS housing project will be met through the power supply agency BSES (Rajdhani).									
9.	Provision for electric charging of the e-Vehicles as per Building Bye Laws.	PP informed that they will provide 30 % electric charging i.e 36 ECS for e-vehicles of total parking (ECS). PP has attached Plan showing the location of the same as annexure.									
10.	Basis of ECS proposed needs to be justified.	PP has attached the parking plan for 121 ECS with calculation as annexure.									
11.	An existing tree inventory with species and girth of each tree may be prepared, along with a baseline green area map, showing all trees – (a) trees to be retained, (b) trees to be removed due to building ground coverage, (c) trees to be removed due to additional paved area (d) trees to be transplanted, minimum 80% of the effected trees are required to be transplanted. Attempt may be made to increase the trees to be retained.	PP informed that the issue was addressed to the Delhi Fire Services Department, and it was concluded that the current scheme will be followed, for which the NOC from DFS is already received. Enumeration list of Trees to be cut/transplanted that is applied in Delhi Forest Department. PP has attached list of trees with details of Lat. Long., Girth of the tree and Proposal of Cut/ transplant / retained as annexure. As per Enumeration list of Trees uploaded total trees present at site are 80 out of which 11 trees will be saved, 05 trees will be cut and remaining 64 trees will be transplanted.									
12.	Revised cost of EMP needs to be submitted as the same has not been found realistic. PP is required to submit the Capital and Recurring cost of EMP with inclusion of cost of environmental monitoring during construction & operation phase.	PP has attached Revised EMP (Environment Management Plan Cost) as follows: <table border="1"> <thead> <tr> <th>Phase</th><th>Capital Cost</th><th>Recurring Cost</th></tr> </thead> <tbody> <tr> <td>Construction Phase</td><td>54.23 Lakhs</td><td>25.64 Lakhs</td></tr> <tr> <td>Operation Phase</td><td>123.23 Lakhs</td><td>31.41 Lakhs</td></tr> </tbody> </table>	Phase	Capital Cost	Recurring Cost	Construction Phase	54.23 Lakhs	25.64 Lakhs	Operation Phase	123.23 Lakhs	31.41 Lakhs
Phase	Capital Cost	Recurring Cost									
Construction Phase	54.23 Lakhs	25.64 Lakhs									
Operation Phase	123.23 Lakhs	31.41 Lakhs									
13.	Specify name and numbers of the post to be engaged by the proponent for implementation and monitoring of	PP has informed that Third Party agencies for Quarterly Environment audit and for Environment Monitoring Half yearly / as									



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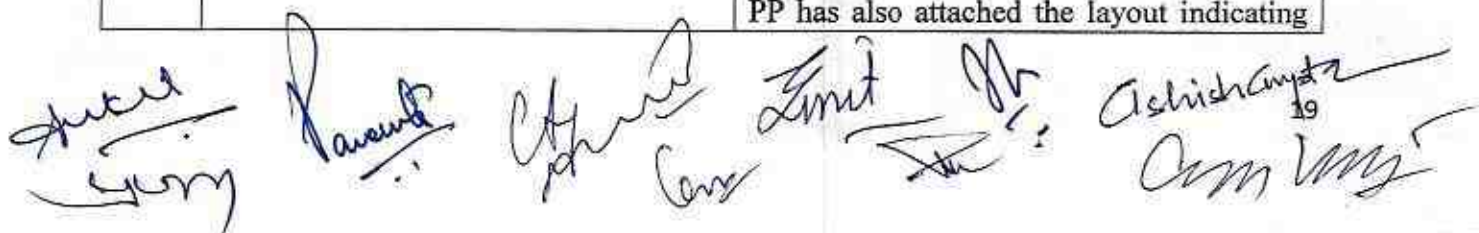
	environmental parameters.	per DPCC / CPCB guidelines will be engaged under Executive Engineer of DUSIB.
14.	Revised EMP (Environment Management Plan) for dust mitigation measures during construction as per MoEF Notification No. GSR 94 (E) dated 25.01.2018/Hon'ble National Green Tribunal order in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & others/ CAQM Directions issued time to time including registration on Dust Pollution Control Self-Assessment Portal with provision of video fencing and low cost sensors for monitoring PM 2.5, PM 10.	PP has attached revised EMP for dust mitigation measures during construction indicating some of the dust mitigation measures.
15.	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.	PP has attached strategies to be incorporated in the project to mitigate the Urban heat island effect, UHIE as annexure.
16.	Approval of Building Height from Airport Authority of India.	PP has attached NOC dated 03.06.2022 obtained from Airport Authority of India and the copy of the same is attached as Annexure
17.	Sludge generation projections from STP needs to be revisited and solid waste generation figures.	Submitted during presentation on 18.03.2023.

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 16.05.2023 vide letter dated 15.05.2023 which is as follows:



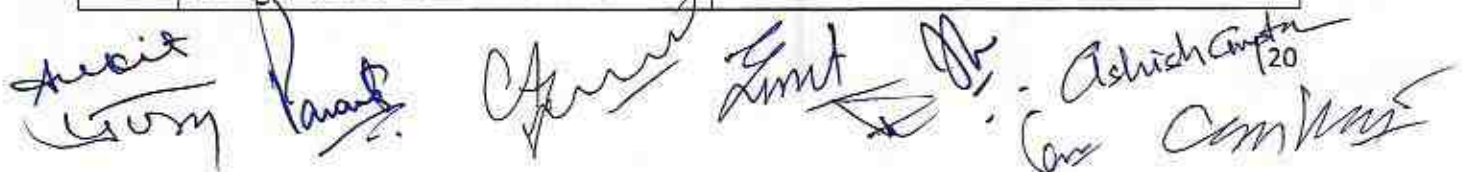
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S.NO	Information Sought by SEAC during 125 th Meeting dated 18.03.2023	Reply dated 15.05.2023 submitted on 16.05.2023
1.	PP to approach DJB to obtain assurance letter for supply of treated water from nearby DJB STP.	PP has informed that treated water required during construction phase will be sourced from Delhi Jal Board. PP has attached correspondence letter dated 27.04.2023 from DJB inter-alia stating that treated water from DJB for construction phase can be made available from Rithala and other Delhi Jal Board STP's as per DJB policy and rate/ charges.
2.	PP to explore alternative strategy to reuse/ recycle the surplus treated water to nearby potential users/ parks/ CPWD projects and submit the revised proposal in view of substantial surplus treated wastewater generated.	PP has attached correspondence letter dated 27.04.2023 from DJB inter-alia stating that after completion of the project, the surplus water generated from the onsite STP shall be used in parks with the consent of concerned department or other agencies through authorised tankers as per practical feasibility.
3.	Disposal of manure generated from Organic Waste Composter needs to be addressed with suitable proposal for its use,	PP has informed that the manure generated from the on-site OWC will be used in landscaping within the project premises and the remaining manure will be sold to nearby nursery which are as follows: 1. Balaji Nursery-50, Gali No. 10, ANand Parbat Industrial Area, Ajmeri Gate, New Delhi, Delhi-110005. 2. Shri Haryali Nursery - 1A, New Rohtak Road, Railway Officers Colony, Sarai Rohilla, New Delhi, Delhi - 110006.
4.	The power requirement needs to be revised taking into account the proposed electric charging for e-vehicle.	PP has informed that power requirement has been revised as per additional load for EV charging stations. Now, Total connected load has been revised to 4694 kW and Total Demand Load has been revised to 2383 kW. PP has attached calculations for revised load and parking of e-vehicles (24 EV cars and 39 EV scooters). PP has also attached the layout indicating



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		the location of E-vehicles parking.									
5.	Revised landscape plan showing the proposed tree plantation keeping in view the required tree pit size to be adopted as permeable surface of the tree.	PP has informed that 127 numbers of trees having minimum girth have been proposed on the periphery of the site. PP has attached tree plantation plan indicating the location of proposed trees along with their name, centre to centre spacing and numbers.									
6.	Quantification calculation for excavated earth and its disposal/ use plan with top soil conservation.	PP has informed that total 5354.21 cum of soil (including top soil) will be excavated and used for site levelling, backfilling and road development within project site. PP has informed that 713.89 cum of top soil will be preserved and used for landscaping within the project site. PP has attached layout plan showing quantification calculation for excavated earth.									
7.	Revised proposal with mobile STP to be provided for labour camp during construction phase.	PP has informed that waste water generation during construction will be 5.57 KLD and for that mobile STP of 6 KLD will be provided at site.									
8.	Revised cost of EMP to be submitted after revisiting the cost components.	PP has attached Revised EMP Cost as follows: <table border="1"> <thead> <tr> <th>Phase</th><th>Capital Cost</th><th>Recurring Cost</th></tr> </thead> <tbody> <tr> <td>Construction Phase</td><td>68.5 Lakhs</td><td>11.37 Lakhs</td></tr> <tr> <td>Operation Phase</td><td>170.43 Lakhs</td><td>52.1 Lakhs</td></tr> </tbody> </table>	Phase	Capital Cost	Recurring Cost	Construction Phase	68.5 Lakhs	11.37 Lakhs	Operation Phase	170.43 Lakhs	52.1 Lakhs
Phase	Capital Cost	Recurring Cost									
Construction Phase	68.5 Lakhs	11.37 Lakhs									
Operation Phase	170.43 Lakhs	52.1 Lakhs									
9.	Provision of solar power utilization needs to be revisited and enhanced.	PP has informed that they have enhanced that solar power utilization as per availability of terrace area. Now, proposed solar capacity is 137.01 kWp. PP has attached solar calculation and location of proposed Solar PVs as annexure.									
10.	Revised dust mitigation measures as per DPCC/ Govt. of Delhi guidelines.	PP has attached revised dust mitigation measures as annexure.									
11.	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	PP has attached daylight analysis as annexure.									



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	December.	
12.	Revised proposal for installation of gas based generator sets.	PP has informed that they will provide gas based generator sets. PP has attached undertaking for the same as annexure.
13.	Resubmission of information wrt heat island effect with due indication of rise in temperature after operationalizing the building and its remedial measures proposed to be taken.	PP has attached revised Heat Island Effect simulation report along with proposed remedial measures.

B. After due deliberations, the SEAC in its 128th Meeting held on 20.05.2023 recommended as follows:

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:

1. 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.
2. The project proponent shall adhere to the total water requirement – 286 KLD, Fresh water requirement – 202 KLD, Treated water requirement – 84 KLD (for recycling in Flushing – 68 KLD, Horticulture 04 KLD, DG Cooling – 01 KLD, Road wash – 11 KLD. Excess treated water from onsite STP of 280 KLD shall be used in nearby parks/ construction work with the consent of concerned department or other agencies through authorised tankers and detail of identified recipient areas shall be part of first six monthly report after completion of the project or operation of STP whichever is earlier.
3. The treated waste water through STP shall achieve the effluent standards: pH (5.5-9.0), BOD (10 mg/l), COD (50 mg/l), Nitrogen Total (10 mg/l), TSS (20 mg/l), Oil and Grease (10 mg/l), Dissolved Phosphate as P (1 mg/l), Ammonical Nitrogen < 5mg/l, Faecal Coliform (MPN/100 ml) – Desirable 100 permissible 230.
4. The project proponent should adhere to the Cost of Environmental Monitoring as committed i.e. capital cost of Rs. 68.5 Lacs and recurring cost of Rs. 11.37 Lacs/ year during construction phase and capital cost of Rs. 170.43 Lacs and recurring cost of Rs. 52.1 Lacs/ year during operation phase should be suitably reduced after revisiting the operational and maintenance cost of STP.
5. At least 5.7 % (137.01 kWp) of the total demand load to be sourced from Solar (Renewable) energy as committed and PP shall try to enhance it further. For cleaning and maintenance of Solar Panels, long term contract for the period of atleast 10 years should be in place before completion of building.
6. No. of Rain water harvesting pit shall be 3 nos. and storage tank of capacity of min. 1 day of total fresh water requirement. Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work. All recharge should be

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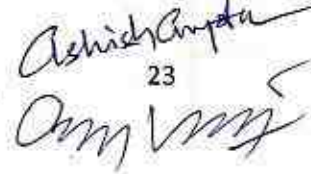


limited to shallow aquifer. Depth of boring should leave a buffer of atleast 5 m above ground water table.

7. PP shall install gas based generator as committed.
8. The Environment Management Cell under Executive Engineer, DUSIB consisting of atleast 1 Environment Officer and 1 Maintenance incharge supported by 3 monitoring assistant having specific knowledge and experience related to environmental safeguards/ air/ water pollution shall be created and made functional before commissioning of the proposed development.
9. Minimum 1 tree for every 80 Sq. Mt of plot area (127 nos.) should be planted within the project site. Efforts shall be made to transplant maximum number of trees within project site and not less than 80% of the trees 1.5 m girth or less should be transplanted within project site.
10. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places as committed. PP to ensure that this should be provided in AC/DC combination. In addition, provision should be made to allow extension of electric charging facility to all parking slots in the future.
11. 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 outfall/ sewer connection to be provided only for emergency discharge purposes with prior intimation to regulatory authority. Calibration for all the Flow meters shall be maintained on quarterly basis
12. Green building norms should be followed with a minimum 3 star GRIHA/IGBC/ASSOCHAM GEM rating and Gold rating should be followed up.
13. Construction & Demolition waste should be disposed of at authorized C&D waste collection centre/ processing unit.
14. Wind- breaker of appropriate height i.e. $1/3^{rd}$ of the building height and maximum up to 10 metres shall be provided all around the project site before the start of construction and demolition work.
15. 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 VardhamanKaushik 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/ self-audit on Dust Pollution Control Self-Assessment Portal with provision of video fencing and sensors for monitoring PM 2.5, PM 10. Atleast 04 Anti-Smog Gun shall be installed before starting the construction.
16. Project proponent shall be responsible for establishment, operation and maintenance of all common facilities and also for compliance of EC conditions during operation stage.

A series of handwritten signatures in black ink, likely representing the project proponent, the Environmental Management Cell, and other stakeholders involved in the project. The signatures are written in a cursive style and are located at the bottom of the page, below the list of conditions.

17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. As proposed, fresh water requirement shall not exceed 202 KLD. Occupancy Certificate shall be issued only after getting necessary permission for required water supply from DDA/DJB/ concerned Authority.
23. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/ reused for flushing, gardening and filter backwash..
24. The PP shall provide toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia) detectors for STP area.
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. Climate responsive design as per Green Building Guidelines in practice should be ensured to the maximum extent.
28. Vegetation should be adopted appropriately on the ground as well as over built structures such as roofs, basements, podiums etc.
29. Green belt development surrounding the campus, avenue tree planting and garden development should commence from the beginning of the construction phase. Only indigenous species should be used for green belt and avenue trees-
30. Exposed roof area and covered parking should be covered with material having high solar reflective index.
31. Building design should cater to the differently-abled citizens.
32. PP shall keep open space unpaved to the maximum extent possible so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.



33. All the vibrating parts will be checked periodically and serviced to reduce the noise generation and sound producing equipment.
34. Construction activities will be allowed only during day-time period.
35. Lubrication will be carried out periodically for plant machinery.
36. Bills/Receipt issued by DJB against purchase of treated water from STP should be part of six monthly EC compliance report. Bills issued by private agency for supply water will not be sufficient.
37. During construction phase, only drinking water required by the labourers and the other fresh water requirement for Anti-Smog Gun is allowed to be supplied through tankers

Meeting ended with the vote of thanks to the Chair


(Vijay Garg)
Chairman


(Pankaj Kapil)
Member secretary


(Chetan Agarwal)
Member


(Pranay Lal)
Member


(Gopal Mohan)
Member


(Ankit Srivastava)
Member


(Jyoti Mendiratta)
Member


(Ashish Gupta)
Member


(S.K. Gautam)
Member


(Paromita Roy)
Member