



Digital Edge DC (India) Private Ltd
(Formerly AGP DC Infra Two Private Ltd)
Registered Office address: 903, C/66, G Block, One BKC Building,
Opposite Bank of Baroda, Bandra (East), Mumbai - 400051
CIN U70109MH2019PTC415622

digitaledgedc.com

Date: 30-06-2024

To,
Regional Officer,
West- Central Zone (WCZ),
Ministry of Environment, Forest and Climate Change
East Wing, New Secretariat Building, Civil Lane,
Nagpur - 440001

Sub: Submission of six-monthly compliance report (February 2024 to June 2024) of Environment Clearance for Data Center Project "BOM" at Survey No: 238/2, Part of Village: Kalwa, Thane Belapur Road, Thane.

Ref: Environmental Clearance Letter No SEIAA- EC No: EC24B039MH149609, dated Feb 08, 2024

Respected Sir/Madam,

Your kind attention is invited to the above-cited subject and the file and environmental clearance letter under reference. In above context, we are pleased to submit the Data-Sheet and Point-wise compliance status to various stipulations, as laid down by the Ministry, in its above -cited letter, with supporting documents.

Thanking You,

For, M/s. Digital Edge DC (India) Pvt. Ltd.


Authorized Signatory

Encls: As above





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Date: 30-06-2024

To,
The Member Secretary
Maharashtra Pollution Control Board
3rd & 4th floor, Kalpataru point, Sion Matunga
Scheme Road no.8, Opp. Sion Circle, Sion (E) .
Mumbai-400 022.

Sub: Submission of six-monthly compliance report (**February 2024 to June 2024**) of Environment Clearance for Data Center Project "BOM" at Survey No: 238/2, Part of Village: Kalwa, Thane Belapur Road, Thane.

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Date: 30-06-2024

To,
The Member Secretary,
State Level Environment Impact Assessment Authority (SEIAA)
Environment Department,
Room No 217, 2nd Floor, Mantralaya,
Mumbai: 400032.
Maharashtra

Sub: Submission of six-monthly compliance report (February 2024 to June 2024) of Environment Clearance for Data Center Project "BOM" at Survey No: 238/2, Part of Village: Kalwa, Thane Belapur Road, Thane.

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Monitoring the Implementation of Environmental Safeguards
Ministry of Environment & Forests
Regional office (W), Nagpur.
Monitoring Report.
DATA SHEET

Sr. No.	Particulars	Details																		
1.	Project type : River valley/ mining/ Industry/Thermal /Nuclear/other (specify)	8(a) Building and Construction projects																		
2.	Name of the Project	Proposed Data Center Project "BOM" at Survey No: 238/2, Part of Village: Kalwa, Thane Belapur Road, Thane by M/s. Digital Edge DC (India) Pvt. Ltd.																		
3.	Clearance letter(s)/OM and Date	EC No: EC24B039MH149609 & date 08/02/2024																		
4.	Location	Survey No: 238/2, Part of Village: Kalwa, Thane Belapur Road, Thane																		
a.	District	Thane																		
b.	State	Maharashtra																		
c.	Latitude / Longitude	Latitude: 18°58'33.84"N Longitude: 73°11'40.05"E																		
5.	Address of correspondence																			
	a) Address of concerned Project Chief Executive (with pin code & telephone / telex / fax numbers)	M/s. Digital Edge DC (India) Pvt. Ltd. Assetz House' No. 30, Crescent Road, NA Bengaluru, Bangalore KA, 560001																		
	b) Address of Executive Project Engineer /Manager (with pin code /fax numbers)	Same as above																		
6.	Salient features	Building Configuration: <table border="1"> <thead> <tr> <th>Building name</th><th>Configuration</th><th>Height (m)</th></tr> </thead> <tbody> <tr> <td>Building: BOM 02</td><td>39 MW HS G+6 6MW/FLR</td><td>59.00</td></tr> <tr> <td>Building: BOM 03</td><td>39 MW HS G+6 6MW/FLR</td><td>59.00</td></tr> <tr> <td>Building: BOM 04</td><td>39 MW HS G+7 6MW/FLR</td><td>65.5</td></tr> <tr> <td>Building: BOM 05</td><td>39 MW HS G+7 6MW/FLR</td><td>65.5</td></tr> <tr> <td>Building: BOM 06</td><td>51 MW HS G+7 7.5 MW/FLR</td><td>65.5</td></tr> </tbody> </table>	Building name	Configuration	Height (m)	Building: BOM 02	39 MW HS G+6 6MW/FLR	59.00	Building: BOM 03	39 MW HS G+6 6MW/FLR	59.00	Building: BOM 04	39 MW HS G+7 6MW/FLR	65.5	Building: BOM 05	39 MW HS G+7 6MW/FLR	65.5	Building: BOM 06	51 MW HS G+7 7.5 MW/FLR	65.5
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		Building: BOM 07	51 MW HS G+7 7.5 MW/FLR	65.5	
		Building: BOM 08	51 MW HS G+7 7.5 MW/FLR*	65.5	
		Ancillary Areas	-	-	
	a) of the Project	-			
	b) of the Environmental Management Plan	Details of Environmental Management Plan is attached as Annexure			
7.	Break-up of the project area				
	a) submergence area : forest & nonforest	Not applicable			
	b) Others	Total Plot area: 172354 sq.m FSI area: 356087 sq.m Non-FSI area: 34685 sq.m BUA: 390772 sq.m			
8.	Break-up of the project affected population with enumeration of those losing houses/dwelling unit only agricultural land only, both dwelling units & agricultural land & landless laborers	-			
	a) SC, ST / Adivasis	Not applicable			
	b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey carried out gives details and years of survey)	Not applicable			
9.	Financial details:				
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs. 3000 Crore			
	b) Allocation made for environmental management plans with item wise and year wise break-up	Construction Phase O&M : Rs. 345.2 Lakhs / year Operation Phase Capital Cost: Rs. 3971.47 Lakhs Operation & Maintenance Cost: Rs. 382.312 lakhs/year			

	c)Benefit cost ratio/Internal rated of Return and the year of assessment	-
	d) Whether (c) includes the cost of environmental management as shown in the above	-
	e) Actual expenditure incurred on the environmental management plans so far	EMP – Construction phase cost is been incurred.
10.	Forest land requirement	No Forest Land Required
	a) The status of approval for diversion of forest land for non-forestry use	-
	b) The status of clearing felling	-
	c) The status of compensatory	-
	d) afforestation, if any	-
	e) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	-
11.	The status of clear felling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	
12.	Status of construction	
	a) Date commencement (Actual and/or planned)	Date of commencement: 07/07/2024
	b) Date of completion (Actual and/or planned)	Date of completion: 07/07/2030
13.	Reasons for the delay if the project is yet to start	Not applicable
14.	Dates of site visits	Not applicable
	a) The dates on which the project was monitored by the Regional office on previous occasions, if any	--
	b) Date of site visit for this monitoring report	--

Site Photos



Architect Letter

Ref:

Date: 18/09/2024

To
The Chairman
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd and 4th floor,
Opp. PVR Theatre, Sion (E), Mumbai-400022

Subject: Architect Certificate stating status of construction on site for Environmental Clearance for Proposed Data Center Project "BOM" at Survey No: 47C.48C,50 and others. of Village: Dighe, Thane Belapur Road, Thane Navi Mumbai of M/s. **Digital Edge DC (India) Pvt. Ltd.**

Reference:

- 1. Commencement Certificate vide no NRV/A /2647/ dated 25-07-24.
- 2. Environmental Clearance Letter No SEIAA- EC No: EC24B039MH149609 dated Feb 08, 2024

Dear Sir,

With reference to the above-mentioned project building permission and EC obtained, this is to inform you that construction (site levelling and mobilisation) has started on site. Total plot area is ,72,354.00 sq. m and maximum building potential including in situ FSI is 3,82,167.47 sq.m. Present status of construction on site till June 2024 is as follows:

PROPOSED BUILDING DETAILS:

SR. NO	BUILDING DESCRIPTION	BUILDING CONFIGURATION	FSI Area In Sq.m.	NON FSI Area In Sq.m.	TOTAL Approved BUA In Sq.m.	STATUS OF CONSTRUCTION (Till June 2024)
1	BOM-1	G+ 6 Floors & Lower	34,704.31	10,043.75	44,748.068	No Construction on Site yet
2	BOM-2	Terrace Fl	34,704.31	10,043.75	44,748.068	
TOTAL PROPOSED BUILDING AREA			69,408.63	20,087.50	89,496.136	

The area statement is in accordance with the CC and EC granted for this project.

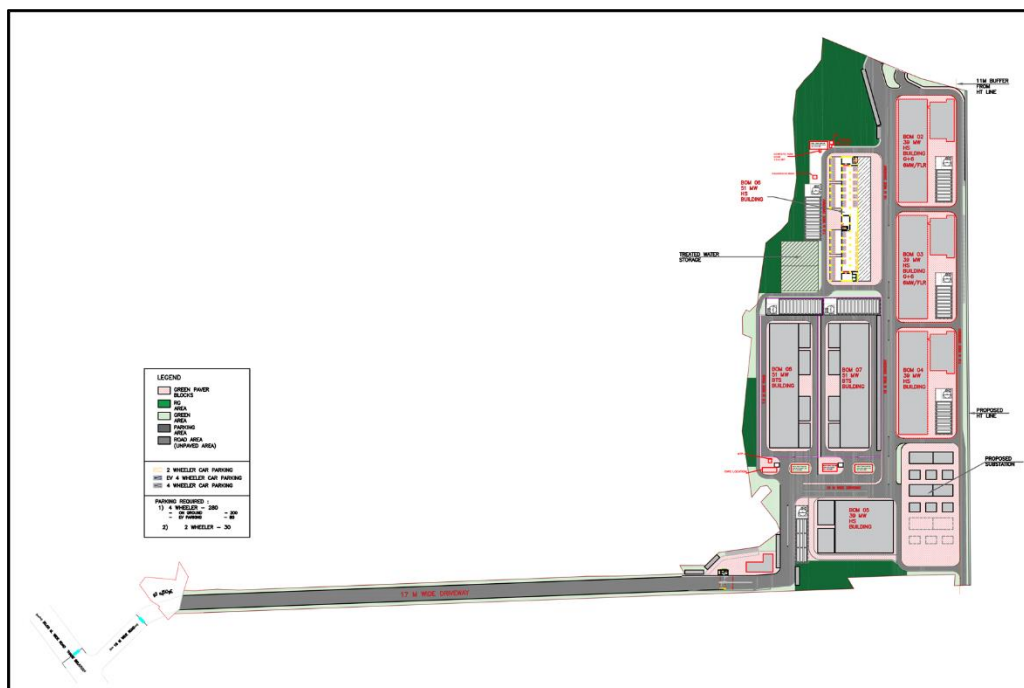
Thanking you,
FOR Edifice Consultants Pvt Ltd.

Authorized Signatory

EMP Costing

Parameter	O & M Cost (Rs. In Lakhs/year)
Water spray for dust suppression	158.05
Site Securing	4.00
Onsite AAQM Monitoring	15.0
Site sanitation and Potable Water Supply to Labour	4.5
Environmental Monitoring (As per the CPCB guidelines through MoEF Approved laboratories)	1.5
Health check-up & first aid	1.9
Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	3.2
Traffic Management (Sign Boards, Persons at entry exit and Parking area)	1.2
Safety nets	8.0
Storm water Management (SWD along plot boundary and Sedimentation Pits)	2.0
Passenger lift	0.9
Tyre cleaning and Vehicle maintenance	1.5
Safety Training to Workers (Twice in Year), Safety Officer	2.0
Disinfection	0.9
Debris & construction waste	9.0
Total Cost	213.65

Half Yearly
Compliance Report
February 2024 to June
2024



Submitted to

Maharashtra State Pollution Control Board (MPCB)

Environmental Consultant

 **buildingenvironment**
Building Environment (India) Pvt. Ltd
Sector- 11, C.B.D. Belapur – 400 614
Telefax: 022 4123 7073/2757 8554
Web: www.beipl.co.in

Submitted by

**M/s. Digital Edge DC (India) Pvt. Ltd.
Assetz House' No. 30, Crescent Road, NA
Bengaluru, Bangalore KA, 560001.**

Sr.No	Specific condition (A) SEAC Condition	Compliance
1	PP to submit IOD/IOA /Concession Document/plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provision as per the circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.	Document is attached an ANNEXURE 1
2	PP to obtain following NOCs & remarks: a) Water Supply NOC; b) Sewer Connection NOC; c) SWD NOC; d) Final CFO NOC e) Tree NOC.	NOCs are attached an ANNEXURE 2
3	PP to submit RG area calculations with triangular method; PP to submit undertaking and architect certificate mentioning that they have provided required RG on mother earth as per the Hon'ble Supreme Court order regarding RG area.	Document is attached an ANNEXURE 3
4	PP to provide 2-wheeler & 4-wheeler parking in the project as per prevailing DCR & submit revised 2-wheeler& 4-wheeler parking statement (required & provided) & parking layout: PP to ensure that minimum 25% of 2-wheeler and 4-wheeler parking are equipped with electric charging facility.	Document is attached an ANNEXURE 4
5.	PP to ensure minimum 5% energy saving from renewable sources and 20% overall energy saving in the project; PP to submit registered power purchase agreement with green energy supplier for utilizing minimum 5% green energy within the project site.	Document is attached an ANNEXURE 5
6.	PP to submit list of trees to be planted in Miyawaki plantation; PP to revise tree list with nos. of trees to be planted in Miyawaki Plantation; PP to include cost of Miyawaki plantation in EMP.	Document is attached an ANNEXURE 6
7.	PP to declare project premises as plastic free zone.	Document is attached an ANNEXURE 7
8.	PP to submit bifurcation of mitigation measures along with their cost for reducing air pollution and submit revised EMP of construction phase accordingly.	Document is attached an ANNEXURE 8
	SEIAA conditions-	

1	PP has provided mandatory RG area of 17163.12 m2 on mother earth without any construction. Local planning authority to ensure the compliance of the same.	Noted
2	This EC excludes the buildings BOM-4, BOM-5, BOM-6, BOM-7 and BOM-8 as PP has not obtained CFO NOC for the same, EC is further restricted for building BOM 2 and BOM 3 up to 53,00 m height only as per CFO NOC.	Noted and will be complied as instructed.
3	PP to keep open space unpaved 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.	Noted Attached as an annexure.
4	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	Noted
5	PP Shall comply with Standard conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-1A 111 dt.04.01.2019.	Noted.
	SEIAA after deliberation decided to grant EC for-FSI-283892.67 m2, Non FSI-34685.00 m2, total BUA-318577.67 m2. (Plan approval No-NMMC/ADTP/58/2024. dated-08.01.2024) (FSI Restricted as per approval and non FSI as per appraisal)	Noted.
	General Conditions for Construction Phase	
1	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Noted. The Solid waste Generated- Non-Biodegradable:23 Kg/day Biodegradable: 53 Kg/day Total: 76 Kg/day. Solid waste is managed by local body and disposed safely.
2	Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precaution for general safety and health aspects of people, only in the approved sites with the approval of competent authority.	Noted
3	Any hazardous waste generated during construction phase should be disposed of as	Hazardous waste viz. paints, varnishes etc. generated during

	per applicable rules and norms with necessary approvals of the Maharashtra pollution control board. .	<p>construction sent to authorize hazardous waste management site.</p> <p>Plastering waste shall be used for raft foundation and backfilling. Since this is Mivan construction. No plaster will be generated.</p> <p>Tiles waste shall be used for china mosaic water proofing of terraces.</p> <p>Aluminium cutting waste shall be sold to recyclers.</p>
4	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured. .	<p>PP has reported that hutment are provided on site for construction workers.</p> <p>Proper housekeeping and regular pest control is being carried out though construction.</p> <p>First aid and medical facilities are provided during construction.</p> <p>Site sanitation like safe and adequate municipal water for drinking and domestic purpose, toilets, bathrooms and periodic checkup facilities are provided during construction phase. Waste generated from toilets and bathrooms is collected by sewage suction tanker by local solid waste management facility for further treatment.</p> <p>Solid Waste: Waste through construction activity is being reused as per the waste management plan and rest is sold to recyclers.</p>
5	Arrangement shall be made that wastewater and storm water do not get mixed.	<p>PP has reported that, Storm water drains have been designed considering peripheral storm water discharge.</p> <p>Storm water line and sewer drainage line will be separated to avoid the contamination.</p>

6	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	PP has reported that Water demand during construction phase is reduced by recycling of water and premixed concrete.
7	The ground water level and its quality should be monitored regularly in consultation with ground water Authority.	Will be complied.
8	Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	PP has reported that No ground water is used. Project does not depend upon the direct intake from ground water table. It is fully dependent upon Municipal Water Supply. Plan approval for construction of basement has been obtained from NMMC.
9	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Will be complied.
10	The energy conservation building code shall be strictly adhered to.	Noted.
11	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Noted.
12	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	PP has reported that additional soil was used for site levelling and backfilling purpose.
13	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metal and other toxic contaminates.	PP has reported that Soil and groundwater were tested as a part of environmental clearance and were found devoid of any heavy metal and other toxic contamination. The monitoring reports are attached in Annexure hard copy for your reference as Enclosure-
14	PP to strictly adhere to all the condition mentioned in Maharashtra (Urban areas) protection and preservation of trees Act, 1975 as amended during the validity of environment clearance.	Noted.
15	The diesel generator sets to be during construction phase should be low sulphur diesel type and should conform to	No DG sets being used during construction phase. An alternative source has been used.

	Environment (protection) Rules prescribed for air and noise emission standards.	
16	Vehicles hired for transportation of raw material shall strictly comply the emission norms prescribed by Ministry of road transport & Highways department. The vehicle shall be adequately covered to avoid spillage/leakages.	<p>All the vehicles bringing construction material have valid PUC certificate which have filed for log maintenance.</p> <p>All the vehicles do comply with relevant air and noise standards. The proponent has instructed the contractors and sub-contractors to run the vehicles during nonpeak hours.</p>
17	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air the noise quality should be closely monitored during construction phase, so as to conform to the stipulated standards by CPCB/MPCB	<p>The measures mentioned in the EMP for noise abatement are being strictly followed. Site barricades of height 3.5 mt are provided to reduce noise pollution.</p> <p>Existing trees along the plot boundary are serving as permanent and natural noise barriers.</p> <p>It is also helpful in reducing the air borne particles and to absorb the vehicular emissions.</p> <p>The regular monitoring results indicate that the air and noise parameters are as per CPCB standard limits and do not show any incremental load because of the construction activity.</p>
18	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the environment (protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra pollution control Board.	<p>DG sets will be source of backup power for common area illumination and will conform to the rules made under Env. Protection Act, 1986.</p> <p>Low Sulphur diesel will be used. DG sets will be placed in an acoustic enclosure. All these DG sets will be operated for smaller period during power failure. Provision of adequate stack height as per CPCB norms.</p>

19	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell / designated person.	A qualified EHS team is working on site for monitoring of construction phase.
B)	Operation Phase	
1	A) The solid waste generated should be properly collected and segregated b) Wet waste should be treated by organic waste converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recycled material.	Noted.
2	E-waste shall be disposed through authorized vendor as per E-waste (Management and Handling) Rules, 2016.	The Project is in construction phase and there is minimal E-waste generation and disposal being carried out as per standards.
3	a) The installation of the sewage treatment plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100% treatment to sewage/Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.	Noted.
4	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the building. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging in to sewer line no physical occupation or allotment will be given unless all above said environment infrastructure is installed and made functional including water requirement.	Noted. STP, MSW disposal facility, green belt development facility will be provided prior to occupation of the building as per mentioned in the Environmental clearance copy. A full-fledged STP of capacity of 12 KLD will be installed onsite for the treatment of the entire waste water generated on the project has received water Supply From NMMC.

5	The Occupancy Certificate shall be issued by the local planning authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted.
6	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	The project has entry/exit points with sufficient width of road to avoid traffic congestion. Complete parking is internal. The site is well connected by Thane Belapur road.
7	PP to provide adequate electric charging points for electric vehicle (EVs).	Noted.
8	Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	<p>PP will comply with the same. The proponent will develop green belt of adequate density of local species along the periphery of the plot so as to provide protection against noise and air pollution and will enhance the aesthetic values of region.</p> <p>Trees with large canopy have been planted so that they can suppress dust emissions.</p>
9	A separate environment management cell with qualified staff shall be up for implementation of the stipulated environment safeguards.	The project has erected environmental management cell within the construction supervision team to supervise all aspects of the Environmental management plan.
10	Separate Funds shall be allocated for implementation of environment protection measures/ EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purpose.	<p>Noted. STP, MSW disposal facility, green belt development facility will be provided prior to occupation of the building as per mentioned in the Environmental clearance copy.</p> <p>A full- fledged STP of capacity of 12 KLD will be installed onsite for the treatment of the entire waste water generated on the project has received water Supply From NMMC.</p>
11	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven	<p>Complied.</p> <p>We published public notice in local Newspapers.</p>

	days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in	
12	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Agreed to Comply with. Developers have submitted copy of Environment clearance to local Municipal Corporation and NGO and has been uploaded the same on the website of the company.
13	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We will comply with the same. We are submitting herewith six monthly report on status of compliance of stipulated EC conditions and Environmental monitoring reports to the Regional Office, MoEF with copy to this department and MPCB.
C)	General EC Conditions	
1	PP has to strictly abide by the conditions stipulated by SEAC& SEIAA.	Yes, developer has agreed to follow the mentioned condition.
2	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution C) General EC Conditions:-Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site	CTE received on 07/06/2024. Consent No. :- 0000195735 Valid up to :- 07/06/2029
3	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Noted.
4	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective	We are submitting herewith six monthly monitoring reports to the Regional Office, MoEF with copy to this department and MPCB.


	Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	
5	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	We will comply with the Same.
6	No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any	Noted.
7	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Not Applicable.
8	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	<p>We have obtained Environmental Clearance from Environment Department, Government of Maharashtra.</p> <p>Project doesn't fall under violation of EP Act and no court case pending in the court of law.</p> <p>We will carry out the construction activity as per Environmental clearance and other approvals received.</p>
9	This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be	All other applicable permissions/ NOCs shall be Obtained before starting proposed work at site.

	obtained before starting proposed work at site.	
10	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	We understand and accepts this condition by MoEF.
11	Validity of Environment Clearance: The environmental clearance accorded as per EIA Notification, 2006, amended from time to time.	Noted.
12	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Noted and will be complied.
13	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1" Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

Annexures

Annexure 1	Submission Layout for Approval
Annexure 2	NOCs : CFO, Tree
Annexure 3	Architect Certificate
Annexure 4	Undertaking
Annexure 5	Energy Saving calculations & renewable letter
Annexure 6	List of trees in Miyawaki planation
Annexure 7	Revised EMP

Annexure 1



HSA
HITEN SETHI & ASSOCIATES

Ref. No.: HSA/P-300/1501/2023 Date: 04/10/2023

To,
The Town Planning Officer
Navi Mumbai Municipal Corporation,
Plot No-1, 2nd Floor, Sector - 15 A,
Near Kille Gaonthan, palm beach Junction
C.B.D., Belapur, Navi Mumbai-400 614.

Sub: Permission for Proposed Master Layout plan for development of Data Centre & Ancillary structures on Survey No's. 47/2 (Part), 48/2 (Part), 49/2 (Part), 51/3 (Part), 57/3 (Part), 58/2 (Part), 60, 61/2 (Part), 71/2 (Part), 74, 75/2, 76, 77, 78, 79, 80/2, 81/2, 82/2 (Part), 87/2 (Part), 88/2, 91/2 (Part), 92 (Part), 93/2 (Part), 95/2/18 (Part), 260(part), 272, 275/2 (Part), 276 (Part), 277 (Part), 279 (Part), 283/2 (Part), 50, 332 Village - Dighe, Thane, Navi Mumbai

For M/s. Digital Edge DC India Pvt. Ltd. (formerly known as M/s. AGP DC 2 Infra Pvt. Ltd.)

Sir,
As mentioned in the above mentioned subject, we M/s. Hiten Sethi and Associates on behalf of our clients apply for the development permission for the proposed master layout plan.
The following documents are enclosed herewith:

1. Appendix - 1 Form for construction of building or layout of buildings.
2. Letter of Appointment to Architect.
3. Acceptance letter from Architect.
4. Form of supervision from Architect.
5. Copy of registration with Council of Architecture.
6. Declaration of Architect on Rs. 100/- Stamp paper.
7. Letter of Appointment to Structural Engineer.
8. Acceptance letter from Structural Engineer.
9. Form of supervision from Structural Engineer.
10. Copy of registration of Structural Engineer.
11. Undertaking for Provision of Earthquake Resisting Structural Design on Rs. 100/- Stamp paper.
12. Letter of Appointment to Licensed Plumber.
13. Acceptance letter from Licensed Plumber.
14. Copy of registration of Licensed Plumber.
15. Conveyance Deed.
16. Physical Survey Drawing of the Layout.
17. Original CTS certified by TLR.
18. Latest, Original 7/12 extracts.
19. Undertaking for CESS.
20. Undertaking for Non - Stacking of Materials on Public Roads, Gutters, Footpath on Rs. 100/- Stamp paper.
21. Undertaking for Use of Silt & Terraces on Rs. 100/- Stamp paper.
22. Certificate of Incorporation pursuant to change of name.
23. Approved Subdivision letter & Layout Drawing received by NMMC vide Ref. No. NMMC/TPO/ADTP/3744/2022 dtd. 25/11/2022.
24. Copy of Gut Book.
25. Copy of Ferfar.

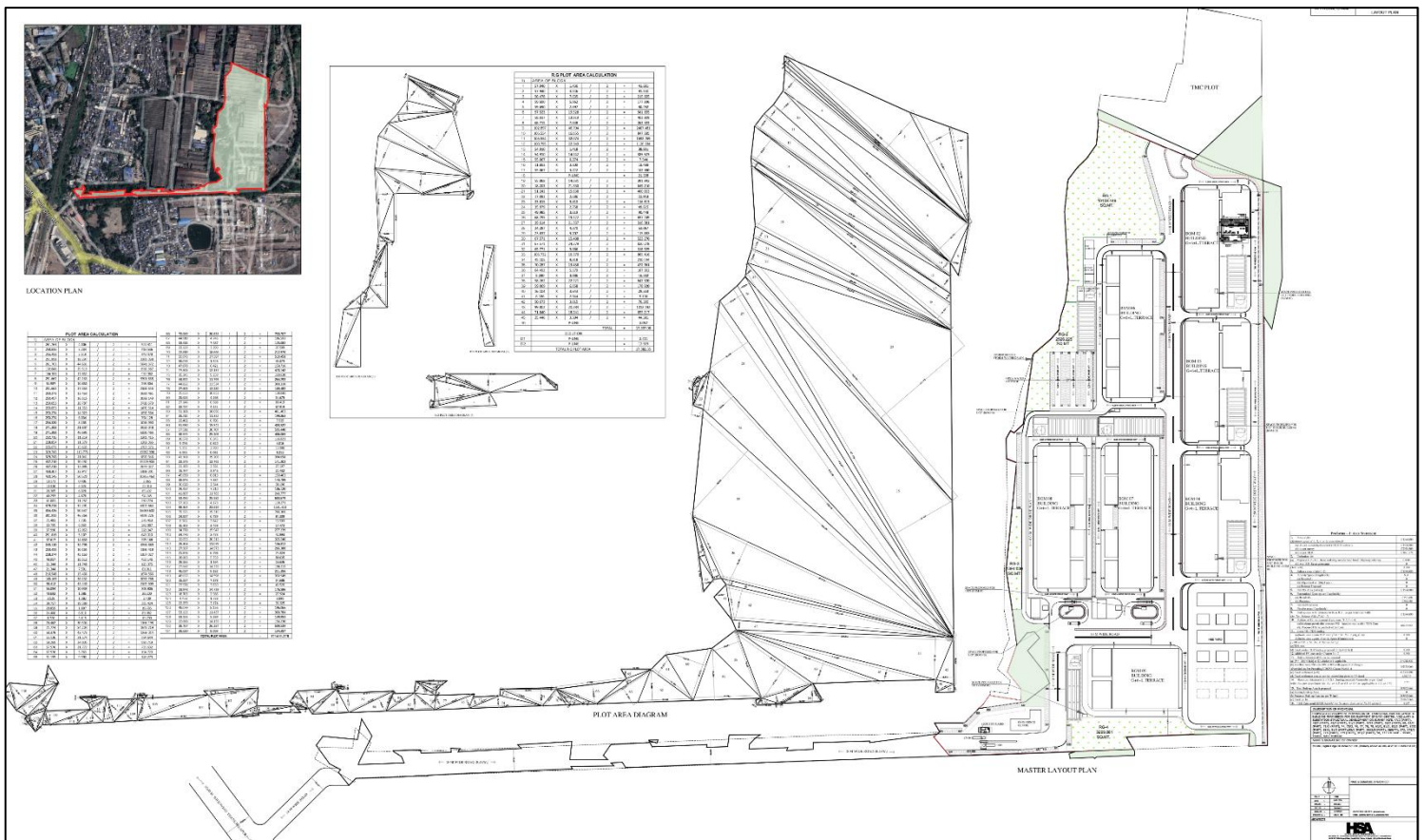
11/10/23

होमरिड

नगर विकास विभाग

नवी मुंबई महानगरपालिका

Ground Floor, Yashil CHS, Plot No. 9, Sector - 55A, Palm Beach Road, Navi Mumbai, Maharashtra, India - 400 706
W: +91-22-2752 5300 | E: info@hitensethi.com | W: www.hitensethi.com



Annexure 2 CFO NOC

1

NO/FIRE/HO/VASHI/444/2023
Navi Mumbai Municipal Corporation
FIRE BRIGADE VASHI, SECTOR - 16-A,
VASHI, NAVI MUMBAI - 400 703
DT. - 08/12/2023

To,
The A.D.T.P.
Navi Mumbai Mahanagar Palika
Plot No. 1, Near Kille Gaonthan,
Palm Beach Junction,
Sector-15A, CBD Belapur,
NAVI MUMBAI-400614.

Sub:- Fire Brigade Provisional NOC Stipulating Fire Protection & Fire fighting requirements to the proposed construction of data center building on Survey No. 47/2(part), 48/2(part), 49/2(part), 51/2(part), 58/2(part), 60, 61/2(part), 71/2(part), 74, 75, 76, 77, 78, 79, 80/2, 81/2, 82/2(part), 87/2(part), 88/2, 91/2(part), 93/2(part), 95/2/B(part), 260(part), 272, 275/2(part), 276(part), 273/2(part), 50 & 332, Mauje Digha, Navi Mumbai, Dist. Thane for M/s. Digital Edge DC (India) Pvt. Ltd., (Formerly AGP DC Infra Two Pvt. Ltd.)

Ref:- 1. Your letter vide No. NMMC/TPD/ADTP/20016/2023, dated 22/11/2023.
2. Proposal submitted by Mr. Hiten Sethi & Associates on dated 05/12/2023.
3. As per the gross built-up area as per submitted statement by an architect 86,966.82 Sq. Mtrs. accordingly capitation of Rs. 2,31,50,700/- (Rs. Two Crore Thirty-One Lakh Fifty Thousand & Seven Hundred only) paid by vide receipt No. FVAS/31092, dated 01/12/2023 & FVAS/31099, dated 06/12/2023.

Dear Sir,

Mr. Hiten Sethi & Associates Architects of the project has submitted the proposal for proposed construction of data center building on Survey No. 47/2(part), 48/2(part), 49/2(part), 51/2(part), 58/2(part), 60, 61/2(part), 71/2(part), 74, 75, 76, 77, 78, 79, 80/2, 81/2, 82/2(part), 87/2(part), 88/2, 91/2(part), 93/2(part), 95/2/B(part), 260(part), 272, 275/2(part), 276(part), 273/2(part), 50 & 332, Mauje Digha, Navi Mumbai, Dist. Thane. The area wise details of proposed constructions are as under:

Sr. No.	Proposed Gross Built up Area	Area in Sq. Mtrs.
01.	Basement Floor	1116.904
02.	Ground Floor	9847.804
03.	1 st Floor	11289.16
04.	2 nd Floor	11289.16
05.	3 rd Floor	11324.202
06.	4 th Floor	11289.16
07.	5 th Floor	11289.16
08.	6 th Floor	11324.202
09.	Lower Terrace Floor	8197.066
Total Gross Built up Area of BOM-2 & BOM-3		86966.82

The entire composite structure consist of BOM 02 & BOM 03 buildings consist of basement + ground floor + 06 upper floors + lower terrace having height 53.00 Mtrs. The floor-wise details of the proposed structure are as follows:

Sr. No.	Floors	Floor-wise occupancy
1	Basement (Utility) Floor – Data Centre BOM 02 & 03:	Staircases, Fire Fighting + Domestic Underground Tank, Underground Fuel Tank/ Rain water / Treated water Tank, Grey Water Tank & pump room, Makeup room.
2	Ground Floor – Data Centre BOM 02 & 03:	Receiving Office, Pre- Action Rooms, Loading Dock, Elevator Lobby, Store, Staging Area, Flex Area, NIR, FRs, Battery Rooms, Electrical Rooms, STS Rooms, IT Server, Toilets, FOH Area, Mechanical Corridors, Data Halls etc. 4 wheeler (Car) parking's, Entrance Lobby's.
	GIS Sub Station	Incubation Area.
3	1 st , 2 nd , 4 th & 5 th Floors Data Centre BOM 02 & 03:	NRs, FRs, SWR, Lobby, Pre- Action Rooms, STS Rooms, Battery Rooms, Electrical Rooms, STS Rooms, IT Server, Toilets, FOH Area, Mechanical Corridors, Data Halls, etc.
	GIS Sub Station	D.G Structure.

2

4	3 rd & 6 th Floors (Refuge Floor) Data Centre BOM 02 & 03:	NRs, FRs, SWR, Lobby, Pre- Action Rooms, STS Rooms, Battery Rooms, Electrical Rooms, STS Rooms, IT Server, Toilets, FOH Area, Mechanical Corridors, Data Halls, Refuge Area, etc.
5	Lower Terrace Roof Floor Data Centre BOM 02 & 03:	LV Mech, IT Server, LV Mech, UPS Rooms, Redundant LV Mech, Toilets, Elevator Lobby, etc.

NIR - Network Room ; STS – Static transfer Switch ; SWR – Switch Room ; FOH – Front of the House Area ; FR – Fibre Room.

The submitted proposal was scrutinized by fire department from fire and life safety point of view and considered favorably taking in to account following points and facts.

- The said proposed building is approachable & abutting to fire brigade vehicles of 30.00 Mtrs. & 18.00 Mtrs.
- The Architect had proposed 07 Nos. of staircases for BOM-2 & BOM-3 having width is 1.5 Mtrs. & adequately ventilated from ground floor to terrace floor.
- 01 No. of exit & entrance gate is provided each of more than 06.00 meters width.

The open marginal space all around the building as per statement given by Architect for BOM-2

Sides	From building line to plot boundary
Front	33.28 Meters
Side-I	15.53 Meters
Side-II	15.01 Meters
Rear	34.16 Meters

Sides	From building line to plot boundary
Front	33.66 Meters
Side-I	15.00 Meters
Side-II	15.53 Meters
Rear	15.70 Meters

- The Architect agrees to provide the wet riser system in given fire duct with all essential requirements of active fire protection system.
- The architect of the project has proposed five numbers of underground static water storage tank for BOM-2 & BOM-3 having capacities 5,50,000 liters purely kept for firefighting purpose, along with required pumping arrangement for the said fire fighting installation.
- BOM-2 & BOM-3 03 Nos. of lifts are provided 02 Nos. are freight lifts & 01 No. is fire lift shall be provided with automatic rescue device.
- **The Architect had proposed all the essential active and passive fire protection measures in the said project such as:**
- Fire resistance door should be provided to isolate the fire escape area from the other parts of the building.
- Proper width of stair-cases
- The entire building is proposed with sprinklers, wet-riser system, Smoke detectors, Fire alarm system & along with necessary signage's.
- Yard hydrant system at the periphery at every 30.00 meters and yard system to give adequate protection to the car parking's in the stilts and marginal open space.
- A separate positive suction type of pump room for all necessary pumps of proper capacities i.e. hydrant main pump, sprinkler main pump, stand-by diesel pump, jockey pump for sprinkler system and hydrant system, AFS panel and peripheral accessories shall also be installed.
- During the construction stage and prior to final occupation developer/Architect shall provide additional fire fighting requirement if proposed by this department in the interest of safety of the premises.
- The edge of the refuge floor should be at the same location of the edge of the podium on the road side face of the building.

Sr. No.	Fire Fighting Installation	Requirements	Provision	Remarks
13.	Automatic Sprinkler system	Required in entire building at all floors and Fire Pump Room	Detectors for use in Automatic Fire Alarm System. Sprinkler system should be provided on each floor. Guidelines are given in IS 15105-2012 Design and installation of Fixed Automatic sprinkler fire Extinguishing system	
14.	Fire Lift	Required	One lift in each lift bank should be a fire lift. The Detailed guidelines should be followed as given National Building Code - 2016	
15.	Manual Call Point	Required in all building.	Manual Call Point should be provided at prominent places in all buildings	
16.	Emergency Lights	Required		
17.	PA System with Talk Back Facility	Required		
18.	Auto D.G. Backup	Required	Required for all fire safety systems	

Please note that the entire pipe used for the fire fighting installation shall be of G.I. pipes and C class heavy duty and the material used shall be of standard material only. This shall be responsibility of the licensing agency executing the work

Remark/General Conditions:-

1. Please go through the provisional NOC issued and provide all the active & passive fire protection system to the structure.
2. Inflammable goods/explosives shall not be allowed to store in the premises.
3. The entire fire protection system must be painted in red colour.

The undersigned reserves the right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure. In case of any change of activity or future expansion made in the said project No-Objection Certificate is essential.



Divisional Fire Officer

Navi Mumbai Municipal Corporation

Note:- Fire Fighting work has to be carried out by licensing fire contractor authorized by Director of Maharashtra Fire Services only.

The NOC is issued in view of fire & life safety point of view only. The legality of plot & construction shall be confirmed with concerned department of NMMC.

Tree NOC

 <p>नवी मुंबई महानगरपालिका प्लॉट नं. १ व २, गोवर्धनी चौक, सेक्टर - १५ए, सी.बी.डी., बेलार नवी मुंबई - ४००६१४ दुरध्वनीक : २७५६७०६३, २७५६७०६४</p>	<p>Navi Mumbai Municipal Corporation Plot No. १ & २, Govardhani Chowk, Sec. १५A, C.B.D., Belapur, NAVI MUMBAI - ४००६१४. TEL. No. : २७५६७०६३, २७५६७०६४</p>
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जा.क्र.नमूना/वृ.प्रा./मा.ह./टे.क्र.५/१६/१०/२०२३
दिनांक :- २९ / ११ / २०२३


भूखंडावर वृक्ष अस्तित्वात असलेबाबतचे प्रमाणपत्र

दाखला देण्यात येतो की, अर्जदार डिजीटल एज डीसी (इंडिया) प्रा. लि., दिचा विभागातील ४७/२ (पाट), ४८/२(पाट), ४९/२(पाट), ५१/३(पाट), ५७/३(पाट), ५८/२(पाट), ६०, ६१/२(पाट), ७१/२(पाट), ७४, ७५/२, ७६, ७७, ७८, ७९, ८०/२, ८१/२, ८२/२(पाट), ८७/२(पाट), ८८/२, ९१/२(पाट), ९३/२(पाट), ९५/२ बी, २६०(पाट), २७२, २७५/२(पाट), २७६(पाट), २७९(पाट), २८३/२(पाट), ५०, ३३२ क्लिजे, दिचा, नवी मुंबई येथील भूखंडावर ६७४ नग वृक्ष अस्तित्वात असल्याबाबत अहवाल प्राप्त झाला आहे.

त्यानुसार सदरचे प्रमाणपत्र हे डिजीटल एज डीसी (इंडिया) प्रा. लि., दिचा विभागातील ४७/२ (पाट), ४८/२(पाट), ४९/२(पाट), ५१/३(पाट), ५७/३(पाट), ५८/२(पाट), ६०, ६१/२(पाट), ७१/२(पाट), ७४, ७५/२, ७६, ७७, ७८, ७९, ८०/२, ८१/२, ८२/२(पाट), ८७/२(पाट), ८८/२, ९१/२(पाट), ९३/२(पाट), ९५/२ बी, २६०(पाट), २७२, २७५/२(पाट), २७६(पाट), २७९(पाट), २८३/२(पाट), ५०, ३३२ क्लिजे, दिचा, नवी मुंबई यांचे दिनांक ०४/१२/२०२३ च्या मागणीपत्रानुसार देण्यात येत आहे.

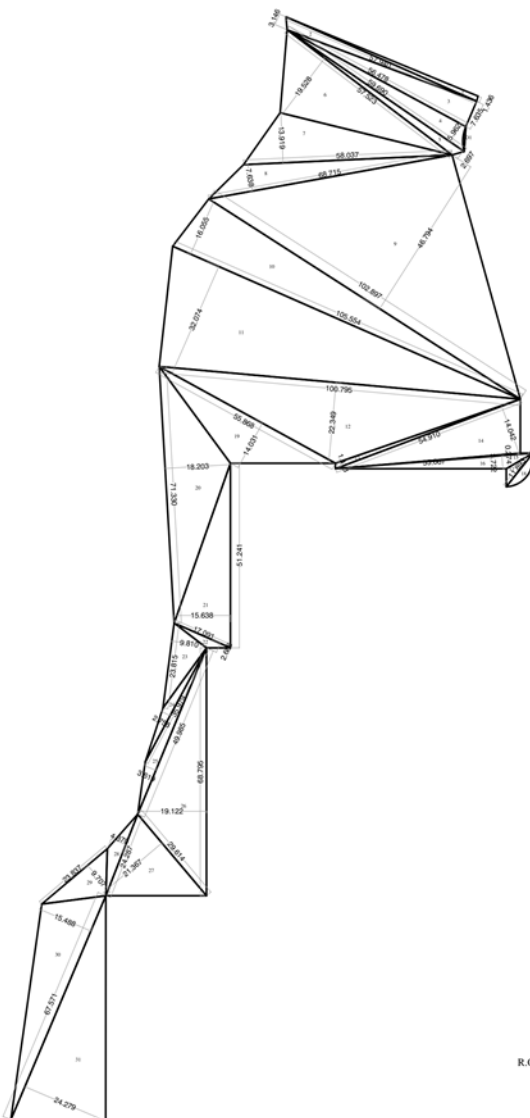
तरी सदर भूखंडावर ६७४ नग (सहाशे चौन्याहत्तर) वृक्ष असलेबाबतचे प्रमाणपत्र देण्यात येत आहे.




(दिलीप नेरकर)
उप आयुक्त (उद्यान)
तथा सचिव वृक्ष प्राधिकरण
नवी मुंबई महानगरपालिका

प्रत:- १. डिजीटल एज डीसी (इंडिया) प्रा. लि., दिचा विभागातील ४७/२ (पाट), ४८/२(पाट), ४९/२(पाट), ५१/३(पाट), ५७/३(पाट), ५८/२(पाट), ६०, ६१/२(पाट), ७१/२(पाट), ७४, ७५/२, ७६, ७७, ७८, ७९, ८०/२, ८१/२, ८२/२(पाट), ८७/२(पाट), ८८/२, ९१/२(पाट), ९३/२(पाट), ९५/२ बी, २६०(पाट), २७२, २७५/२(पाट), २७६(पाट), २७९(पाट), २८३/२(पाट), ५०, ३३२ क्लिजे, दिचा, नवी मुंबई.
२. मा. नगररचनाकार, नवी मुंबई महानगरपालिका यांना माहितीस्तव सादर.

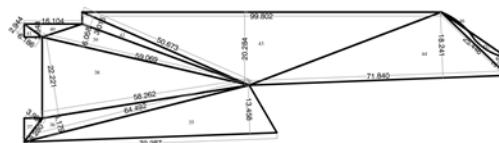
Annexure 3



R.G PLOT AREA DIAGRAM (1)



R.G PLOT AREA DIAGRAM (2)



R.G PLOT AREA DIAGRAM (3)

R.G PLOT AREA CALCULATION							
1)	AREA OF BLOCK						
1	57.940	X	1.436	/	2	=	41.601
2	57.940	X	3.146	/	2	=	91.140
3	56.478	X	7.635	/	2	=	215.605
4	59.690	X	5.962	/	2	=	177.936
5	59.690	X	2.697	/	2	=	80.492
6	57.523	X	19.528	/	2	=	561.655
7	58.037	X	13.919	/	2	=	403.909
8	68.715	X	7.638	/	2	=	262.423
9	102.897	X	46.794	/	2	=	2407.481
10	105.554	X	16.055	/	2	=	847.335
11	105.554	X	32.074	/	2	=	1692.769
12	100.795	X	22.349	/	2	=	1126.334
13	54.910	X	1.418	/	2	=	38.931
14	54.910	X	14.042	/	2	=	385.523
15	55.067	X	0.274	/	2	=	7.544
16	11.893	X	3.109	/	2	=	18.488
17	55.067	X	3.722	/	2	=	102.480
18	P-LINE					=	21.598
19	55.868	X	14.031	/	2	=	391.942
20	18.203	X	71.330	/	2	=	649.210
21	51.241	X	15.638	/	2	=	400.653
22	17.091	X	2.686	/	2	=	22.953
23	23.815	X	9.810	/	2	=	116.813
24	35.979	X	2.758	/	2	=	49.615
25	49.985	X	3.619	/	2	=	90.448
26	68.795	X	19.122	/	2	=	657.749
27	29.614	X	21.367	/	2	=	316.381
28	24.287	X	4.370	/	2	=	53.067
29	23.837	X	9.707	/	2	=	115.693
30	67.571	X	15.488	/	2	=	523.270
31	67.571	X	24.279	/	2	=	820.278
32	65.771	X	9.686	/	2	=	318.529
33	105.732	X	16.370	/	2	=	865.416
34	45.105	X	9.318	/	2	=	210.144
35	70.287	X	13.458	/	2	=	472.961
36	64.492	X	5.179	/	2	=	167.002
37	8.280	X	3.986	/	2	=	16.502
38	58.262	X	22.221	/	2	=	647.320
39	59.069	X	6.058	/	2	=	178.920
40	16.104	X	3.643	/	2	=	29.333
41	6.186	X	2.944	/	2	=	9.106
42	50.673	X	3.015	/	2	=	76.390
43	99.802	X	20.284	/	2	=	1012.192
44	71.840	X	18.241	/	2	=	655.217
45	25.446	X	3.504	/	2	=	44.581
46	P-LINE					=	3.057
	TOTAL					=	17,397.98
DEDUCTION							
D1	P-LINE					=	2.721
D2	P-LINE					=	12.915
TOTAL R.G PLOT AREA							= 17,382.33



ARCHITECTS | PLANNERS | INTERIOR ARCHITECTURE | PROJECT MANAGEMENT

UNDERTAKING

To
The Chairman,
State Environmental Impact Assessment Authority (SEIAA),
Environment Department,
15th Floor, New Administrative Building,
Mantralaya, Mumbai- 400032.

Date: 05.01.24

Subject : Undertaking for entire RG on Ground for "BOM" – Proposed Data Center Project at Survey No's. 47/2 (Part), 48/2 (Part), 49/2 (Part), 51/3 (Part), 57/3 (Part), 58/2 (Part), 60, 61/2 (Part), 71/2 (Part), 74, 75/2, 76, 77, 78, 79, 80/2, 81/2, 82/2 (Part), 87/2 (Part), 88/2, 91/2 (Part), 93/2 (Part), 95/2/B (Part), 260 (Part), 272, 275/2 (Part) 276 (Part), 279 (Part), 283/2 (Part), 50 ,332, Village - Dighe, Thane, Navi Mumbai by Digital Edge DC (India) Private Limited (formerly known as AGP DC Infra Two Private Limited).

File No. : SIA/MH/INFRA2/449922/2023)

Respected Sir,

We hereby certify that the mandatory R.G. is located on the ground (i.e. 17,380.00 Sq. M) as mandated by Supreme Court Order.

This mandatory RG area is kept open to sky and also enables plantation of trees.

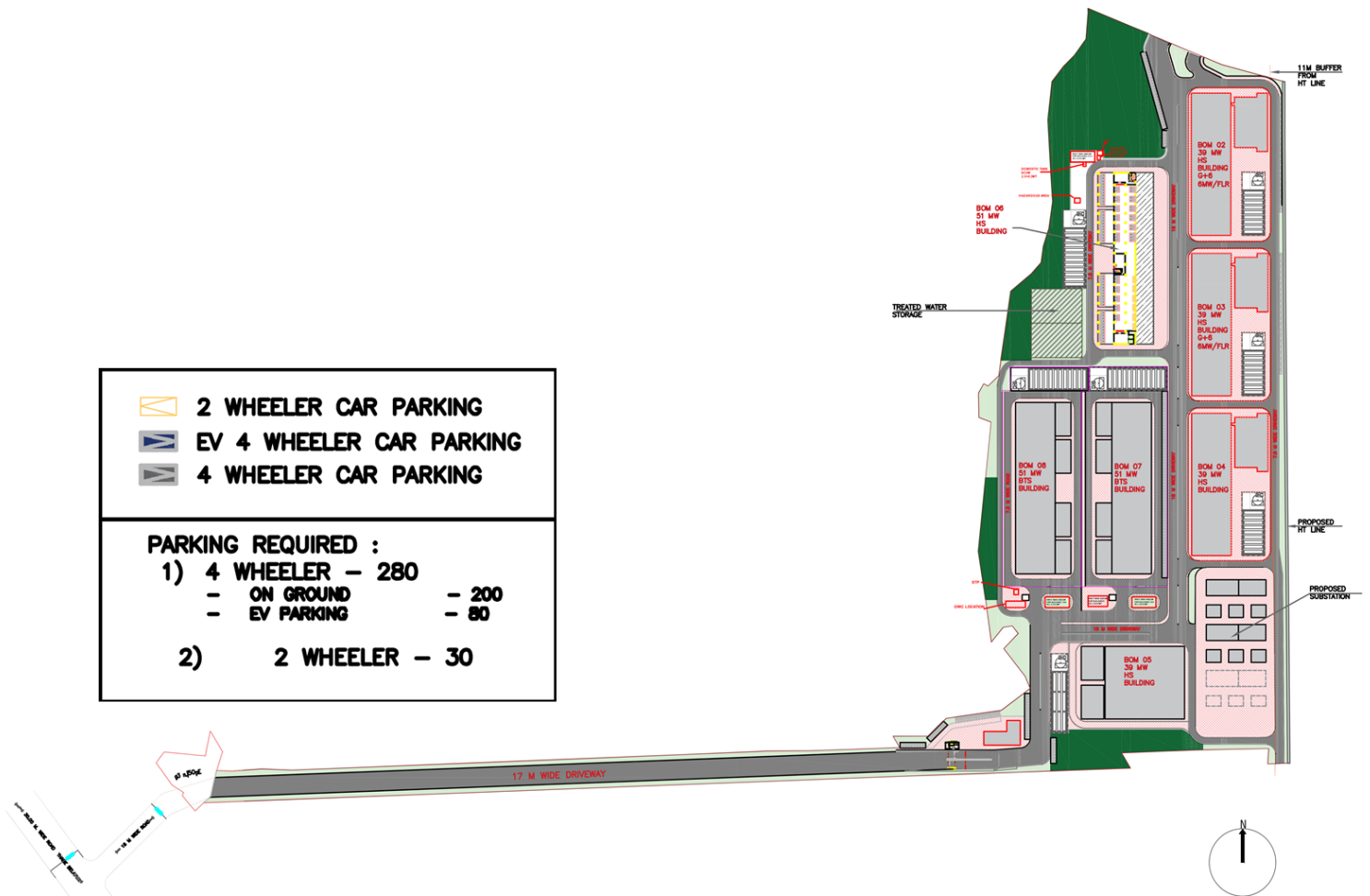
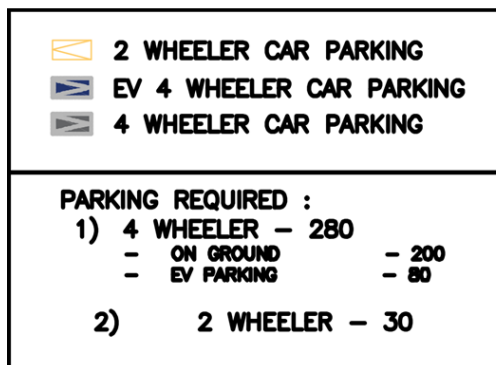
Thanking you,

M/s. Hiten Sethi & Associates,



Ar. Hiten Sethi.
(CEO & Founder)

Annexure 4



Annexure 5



Digital Edge DC (India) Pvt Ltd
(Formerly AGP DC Infra Two Pvt Ltd)
903 C, One BKC,
G Block, BKC, Mumbai-400051
CIN U70109KA2019PTC130430
digitaledgedc.com

Date- 04/12/2023

To,
The Chairman,
State Expert Appraisal Committee (SEAC II),
Environment Department,
New Administrative Building,
15th Floor, Mantralaya,
Mumbai-400 032.

Subject: - 25 MW Renewable Energy Power Sourcing Tie-up between Digital Edge India and Ayana Renewables for Upcoming 300MW Data Center Project, BOM

Dear Sir,

With reference to the above mentioned subject, this is to inform you Digital Edge India through their Joint Venture Partner NIIF, National Investment & Infrastructure Fund who is one of the main investors in M/s Ayana Renewables has agreed on following points;

1. To assess the feasibility of integrating renewable energy sources into the operations of the Data Center.
2. To explore opportunities for cost-effective and sustainable energy solutions for the Data Center.
3. To promote environmental sustainability using renewable energy sources.

"The Proposed Data Centre Project (BOM 2) at Survey No: 47/2 (Part), 48/2 (Part), 49/2 (Part), 51/3 (Part), 57/3 (Part), 58/2 (Part), 60, 61/2 (Part), 71/2 (Part), 74, 75/2, 76, 77, 78, 79, 80/2, 81/2, 82/2 (Part), 87/2 (Part), 88/2, 91/2 (Part), 93/2 (Part), 95/2/B (Part), 260 (Part), 272, 275/2 (Part), 276 (Part), 279 (Part), 283/2 (Part), 50, 332, Village - Dighe, Thane, Navi Mumbai for Digital Edge India has a Total IT load of 300 MW which corresponds to 425 MW of power demand.

Digital Edge and NIIF has in principally agreed to provide 25 MW RE power for the above Data Center project with corresponds to 5-10 % of current demand. Project Cost is 3000 Crores & breakup of EMP capital and operation cost is mentioned in point 10.3 of chapter 10 of Environmental Impact Assessment Report.

Ayana Renewable Energy agrees to assess and propose suitable renewable energy solutions to meet a portion or the entirety of the Digital Edge's energy needs. Ayana Renewable & Digital Edge agree to collaborate on the technical integration of renewable energy sources, considering the unique requirements of the Data Centers operations.

About Ayana Renewable

Ayana Renewable Power is one of India's largest and fastest-growing renewable energy companies. In just five years, their presence has expanded across India. They are working towards developing a 10 GW portfolio by 2025 that can provide clean power to millions of people.

Registered Address: Assetz House, No 30, Crescent Road, Bengaluru, Bangalore 560001, Karnataka, India



Digital Edge DC (India) Pvt Ltd
(Formerly AGP DC Infra Two Pvt Ltd)
903 C, One BKC,
G Block, BKC, Mumbai-400051
CIN U70109KA2019PTC130430
digitaledgedc.com

Ayana are a utility-scale renewable energy platform dedicated to expanding India's renewable energy footprint, helping it achieve its 500 GW renewable energy target by 2030. Backed by some of the most significant investment funds - National Investment & Infrastructure Fund, British International Investment, and Green Growth Equity Fund, they support a low-carbon future while helping create jobs in the power sector.

Ayana are powered by a team of experts, with vast experience in the industry. Their wide range of renewable energy resources such as solar, wind, round-the-clock, and green hydrogen grants us a solid industry position. They strive towards ensuring a greener and brighter future through innovation and the empowerment of local communities.

Thanking you,


For, Digital Edge India

Registered Address: Assetz House, No 30, Crescent Road, Bengaluru, Bangalore 560001, Karnataka, India

<i>Total Units saved based on Unit Consumption from energy saving means - (Kw)</i>	<i>16,20,301</i>
<i>Total Saving for the Project using Energy saving means (Percentage)</i>	<i>18%</i>
<i>Total Units saved from Renewable energy saving means - (Kw)(Solar Grid system))</i>	<i>22,513</i>
<i>Total Units saved from Renewable energy saving means - (Solar Grid system) in Percentage</i>	<i>5%</i>
<i>Total Units saved from Wind energy in Kw</i>	<i>93</i>
<i>Total Units saved from Renewable energy in Kw</i>	<i>1,000</i>
<i>Overall Saving from renewable system in percentage</i>	<i>0.1%</i>
<i>Total Units saved based on working hours - (KwH)</i>	<i>16,20,301</i>
<i>Total Units saved annually - (kwh/Yr)</i>	<i>59,14,09,748</i>
<i>Annual Savings in Rs with Electrical cost @Rs.5/unit</i>	<i>2,95,70,48,741</i>

Items	Elect. Demand- Conventional case (Kw)	Hours of use	Energy consumed by conventional method (kwh) based on working Hours	Elect. demand after using Energy saving means (kwHrs)	Units Saved (kwHrs) using Energy saving means	Energy saving from Renewable (Solar)systems (kwHrs)	% Energy saving
Energy saving through renewable Energy (Solar Grid system)						22,513.2	5%
Road & Landscape Lighting	10.00	8.0	80.0	56.000	24.0		30%
Parking - T5 lights	8.00	8.0	64.0	44.800	19.2		30%
Lobby & staircase LED lights -	4.70	12.0	56	56.4	-		30%
Total load with 30% energy saving methods Using VVVF Gear/ Non Gear Lifts	204.00	4	816	571.2	245		30%
Plumbing System Load (Use of BEE Certified Motors for Equipments)	12	4	47	42	5		10%
OWC	2	4	10	10			10%
STP (Use of BEE Certified Motors for Equipments)	1	2	1	1	-		10%
Sub-station Room Ventilation	3	1	3	2.60	0.0		10%
Building load	450000	24	10800000	9180000.00	1620000.0		15%
Other load	20	4	80	72.00	8.0		10%
Total	4,50,264		1,08,01,157	91,80,856	16,20,301	22,513	

Annexure 6

Sr. No.	Miyawaki Forest species List	Quantity
1	<i>Terminalia cherbula</i>	245
2	<i>Erythrina indica</i>	113
3	<i>Cassia fistula</i>	75
4	<i>Albizia lebeck</i>	231
5	<i>Bauhinia purpurea</i>	93
6	<i>Borassus palm</i>	87
7	<i>Saraca asoca</i>	162
8	<i>Plumeria</i>	148
9	<i>Cassia biflora</i>	64
10	<i>Bombax ceiba</i>	280
11	<i>Asystasia gangtica</i>	95
12	<i>Alpinia sanderae</i>	91
13	<i>Bauhinia galpinit</i>	99
14	<i>Tecoma hill creeper</i>	88
15	<i>Rosida yellow</i>	168
16	<i>Madhumalti creeper</i>	188
17	<i>Pennisetum ruppeli pink</i>	89
18	<i>Cordia dichotoma</i>	93
19	<i>Termanilia elliptica</i>	199
20	<i>Garcinia indica</i>	112
Total		2720

RG Area Required	17,235.00 sq. m
RG Area Provided	17,380.00 sq. m
Trees required in RG Area (1 Tree/80 sq. m of Net Plot)	2154 nos.
Existing Trees on Site	674 nos.
Trees to be cut on site	163 nos.
Compensatory Trees	4088 nos.
Trees to be retained	294 nos.
Trees to be transplanted	451 nos.
Total area allocated for Miyawaki (5% of Total RG area)	869.00 sq. m approx
Trees required in Miyawaki (3 trees per sqmt)	2720 no. of Trees
Total trees proposed (Retained+ Transplanted + compensatory+ Proposed + Miyawaki)	294+451+4088+2720 = 7,553 no. of Trees

Sr. No.	EMP Measures	Capital Cost (Rs. Lacs)	O&M Cost/Y (Rs. In Lacs)
1	STP	6.00	2.00
2	Rainwater Harvesting tanks	154.00	15.4
3	Solid Waste Management	6.00	2.00
5	Energy Saving using Solar System	3421.30	340.00
6	Gardening & Landscaping	151.00	15.1
7	LFD	110.00	1.2
8	DMP	250.17	20.50
Total		4098.47	396.20

Annexure 7

Sr. No.	Parameter	Unit	Quantity	Rate	Amount (Lakhs)
1	Site Barricading	Sq. ft	47288	175	82.00
2	Water Fogging system	Nos.	5	3.85	19.25
3	Water sprinkler	Rmt	784	4255	33.00
4	On site air monitoring and display system	-	-	-	6.50
5	Green cloth wrapping for entire building	Sq. ft.	7.5	230338	17.30
Total Cost					158.05

Parameter	O & M Cost (Rs. In Lakhs/year)
Water spray for dust suppression	158.05
Site Securing	4.00
Onsite AAQM Monitoring	15.0
Site sanitation and Potable Water Supply to Labour	4.5
Environmental Monitoring (As per the CPCB guidelines through MoEF Approved laboratories)	1.5
Health check-up & first aid	1.9
Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	3.2
Traffic Management (Sign Boards, Persons at entry exit and Parking area)	1.2
Safety nets	8.0
Storm water Management (SWD along plot boundary and Sedimentation Pits)	2.0
Passenger lift	0.9
Tyre cleaning and Vehicle maintenance	1.5
Safety Training to Workers (Twice in Year), Safety Officer	2.0
Disinfection	0.9
Debris & construction waste	9.0
Total Cost	213.65

EC Letter

ENVIRONMENTAL
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), MAHARASHTRA)

To,

The -1
DIGITAL EDGE DC (INDIA) PRIVATE LIMITED
'Assetz House' No. 30, Crescent Road, NA Bengaluru, Bangalore KA,
560001 -560001

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/MH/INFRA2/449922/2023 dated 25 Oct 2023. The particulars of the
environmental clearance granted to the project are as below.

- | | |
|---|--|
| 1. EC Identification No. | EC24B039MH149609 |
| 2. File No. | SIA/MH/INFRA2/449922/2023 |
| 3. Project Type | New |
| 4. Category | B |
| 5. Project/Activity including
Schedule No. | 8(b) Townships and Area Development
projects. |
| 6. Name of Project | "BOM" – Proposed Data Center Project at
Survey No: 238/2, Part of Village Kalwa,
Thane Belapur Road. |
| 7. Name of Company/Organization | DIGITAL EDGE DC (INDIA) PRIVATE
LIMITED |
| 8. Location of Project | MAHARASHTRA |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 08/02/2024

(e-signed)
Pravin C. Darade , I.A.S.
Member Secretary
SEIAA - (MAHARASHTRA)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/INFRA2/449922/2023
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s.Digital Edge DC (India) Pvt. Ltd.,
Survey No: 238/2, Part of Village: Kalwa,
Thane Belapur Road, Thane.

Subject : Environmental Clearance for Proposed Data Center Project "BOM" at
Survey No: 238/2, Part of Village: Kalwa, Thane Belapur Road, Thane
by M/s.Digital Edge DC (India) Pvt. Ltd.

Reference : Application no. SIA/MH/INFRA2/449922/2023

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 220th meeting under screening category 8 (b) B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 274th meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 8th January, 2024.

2. **Brief Information of the project submitted by you is as below:-**

Sr. No.	Description	Details	
1	Proposal Number	SIA/MH/INFRA2/449922/2023	
2	Name of Project	“BOM” – Proposed Data Center Project at Survey No: 238/2, Part of Village Kalwa, Thane, Belapur Road.	
3	Project category	8(b) “Townships and Area Development”, Category B1	
4	Type of Institution	Private	
5	Project Proponent	Name	Mr. Salil Singh
		Regd. Office address	'Assetz House' No. 30, Crescent Road, NA Bengaluru, Bangalore KA, 560001
		Contact number	+91 96220 68111
		e-mail	salil.singh@digitaledge.com
6	Consultant	Building Environment India Pvt. Ltd. Accreditation No. - NABET/EIA/2225/RA 0267_Rev 01 Validity - 27.05.2025	
7	Applied for	New	
8	Location of the project	Survey No: 238/2, Part of Village Kalwa, Thane, Belapur Road.	
9	Latitude and Longitude	18°58'33.84"N 73°11'40.05"E	

10	Plot Area (sq.m.)	1,72,354 sq. m.						
11	Deductions (sq.m.)	-						
12	Net Plot area (sq.m.)	1,72,354 sq. m.						
13	Ground coverage (m ²) & %	47,374 sq. m						
14	FSI Area (sq.m.)	3,56,087 sq. m.						
15	Non-FSI (sq.m.)	34,685 sq. m.						
16	Proposed built-up area (FSI + Non FSI) (sq.m.)	3,90,772 sq. m.						
17	TBUA (m ²) approved by Planning Authority till date	FSI: 3, 56,087 sq. m. Non-FSI: 34,685 sq. m. TBUA: 3,90,772 sq. m						
18	Earlier EC details with Total Construction area, if any.	NA						
19	Construction completed as per earlier EC (FSI + Non FSI) (sq.m.)	--						
20	Previous EC / Existing Building		Proposed Configuration	Reason for Modification / Change				
	Building Name	Configuration	Height (m)		Building Name	Configuration	Height (m)	
	-	--	--		Building: BOM 02	39 MW HS G+6 6MW/FLR	59.00	--
					Building: BOM 03	39 MW HS G+6 6MW/FLR	59.00	
					Building: BOM 04	39 MW HS G+7 6MW/FLR	65.5	
					Building: BOM 05	39 MW HS G+7 6MW/FLR	65.5	
					Building: BOM 06	51 MW HS G+7 7.5 MW/FLR	65.5	
					Building: BOM 07	51 MW HS G+7 7.5 MW/FLR	65.5	
					Building: BOM 08	51 MW HS G+7 7.5 MW/FLR*	65.5	
					Ancillary Areas	-	-	
21	No. of Flats& Shops		--					
22	Total Population		300 nos					

23	Total Water Requirements CMD	Particulars		
		Source:		NMMC
		Fresh water (Domestic) KLD		5 KLD
		Recycled water (Flushing) KLD		8 KLD
		Landscape KLD		145 KLD
		Total (KLD)		158 KLD
24	Under Ground Tank (UGT) location	Below ground		
25	Source of water	NMMC		
26	STP Capacity	12 CMD (2 STP's of 6 CMD each) MBBR		
27	STP Location	Below ground		
28	Sewage Generation CMD & % of sewage discharge in sewer line	11 KLD and 35 %		
29	Solid Waste Management during Construction Phase	Type	Quantity (Kg/d)	Treatment / disposal
		Dry waste	270	Handed over to authorize vendors.
		Wet waste	180	Handed over to authorize vendors.
		Construction waste	19538600	30 % waste shall be utilized on site & remaining is handed over to dealer or recycler.
30	Total Solid waste quantities with type during Operation Phase & Capacity of OWC to be installed.	Type	Quantity (Kg/d)	Treatment / disposal
		Dry waste	23	Handed over to authorize vendors.
		Wet waste	53	Will be treated in OWC.
		E-Waste	325	Handed over to authorize recyclers.
		STP Sludge (dry)	1	Used as manure.
31	R.G. Area in sq.m.	RG required – 17,235.00 sq. m		
		RG provided on ground – 17,380.00 sq. m		
		Number of trees existing: 622 nos.		
		Number of trees to be cut: 163 nos.		

		Number of trees compensatory: 4088 nos. Number of trees to be retained: 294 nos. Number of trees to be transplanted: 451 nos. Number of trees to be planted: (Total 7,553 nos.) a) In RG area proposed trees: 7553 nos. b) In Miyawaki Plantation – 2720 nos. Total nos. of the trees after the development: 10,273 nos.
32	Power requirement	• Total Connected Load: 4,50,356 KW • Demand Load: 4,50,264 KW
33	Energy Efficiency	a) Solar energy (%): 5% b) Total energy saving: 18%
34	D.G. set capacity	1250 KVA x 65 nos.
35	Parking Statement	Parking Required – 4W- 344 nos., 2W- nil Parking Proposed – 4-wheeler-280 nos. 2-wheeler- Nil
36	No. & capacity of Rain water harvesting tanks /Pits	3 rain water Harvesting Tank of 711 CMD, 445 CMD, 535 CMD Tank capacity
37	Project Cost in (Cr.)	3000 Cr.
38	EMP Cost	Construction Phase: O & M Cost: 345.2 Lakhs/yr Operation Phase: Capital Cost: 3,971.47 Lakhs O & M Cost: 382.312 Lakhs/yr
39	CER Details with justification if any as per MoEF&CC circular dated 01/05/2018	-
40	Details of Court Cases/litigations w.r.t the project and project location,if any.	No such litigation is pending against the project relating to environmental compliance.

3. The proposal has been considered by SEIAA in its 274th meeting held on 8th January, 2024 and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1.PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra showing all mandatory RG on mother earth as per Hon'ble Supreme Court order.

2.PP to obtain following NOCs & remarks:

a) Water Supply NOC; b) Sewer Connection NOC; c) SWD NOC; d) Final CFO NOC
e) Tree NOC.

3.PP to submit RG area calculations with triangular method; PP to submit undertaking and architect certificate mentioning that they have provided all required RG on mother earth as per the Hon'ble Supreme Court order regarding RG area.

4.PP to provide 2-wheeler & 4-wheeler parking in the project as per prevailing DCR & submit revised 2-wheeler& 4-wheeler parking statement (required & provided) & parking layout; PP to ensure that minimum 25% of 2-wheeler and 4-wheeler parking are equipped with electric charging facility.

5.PP to ensure minimum 5% energy saving from renewable sources and 20% overall energy saving in the project; PP to submit registered power purchase agreement with green energy supplier for utilizing minimum 5% green energy within the project site.

6.PP to submit list of trees to be planted in Miyawaki planation; PP to revise tree list with nos. of trees to be planted in Miyawaki Plantation; PP to include cost of Miyawaki plantation in EMP.

7.PP to declare project premises as plastic free zone.

8. PP to submit bifurcation of mitigation measures along with their cost for reducing air pollution and submit revised EMP of construction phase accordingly.

B. SEIAA Conditions-

1. PP has provided mandatory RG area of 17163.12 m2 on mother earth without any construction. Local planning authority to ensure the compliance of the same.
2. This EC excludes the buildings BOM-4, BOM-5, BOM-6, BOM-7 and BOM-8 as PP has not obtained CFO NOC for the same. EC is further restricted for building BOM 2 and BOM 3 up to 53,00 m height only as per CFO NOC.
3. PP to keep open space unpaved 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.
4. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
5. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA III dt.04.01.2019.
6. SEIAA after deliberation decided to grant EC for-FSI-283892.67 m2, Non FSI-34685.00 m2, total BUA- 318577.67 m2. (Plan approval No-NMMC/ADTP/58/2024, dated-08.01.2024) (FSI Restricted as per approval and non FSI as per appraisal)

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring

communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.

- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XVIII. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all

proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.

- XIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that

the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in

- XII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
- II. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.

- 4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent

has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.


5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.

6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.

8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

9. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Pravin Darade
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Thane.
6. Commissioner, Thane Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Thane.

Signature Not Verified

Digitally signed by: Shri Pravin C.
Darade , I.A.S.

Designation: Member Secretary

Date and Time: 28/02/2024 6:00:53 PM

Monitoring Reports

a) Air



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
• Tel.: 020 - 25460202, 25460203, 25460023, 25460033. • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/AA/0458A
Project Name BOM" – Proposed Data Center Project at Survey No: 238/2, Part of Village Kalwa, Thane Belapur Road.	DATED	22/05/2024
	LAB REFERENCE NO	HS/LAB/AA/BE-199
	DATE OF SAMPLING	15&16/05/2024
	DATE OF ANALYSIS	17-21/05/2024

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	NAAQS LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	15&16/05/2024		
02	TEST LOCATION		AQ-1 Project site (Lat.& long.) 19°11'10.00"N 73° 0'13.86"E		
03	TIME OF SAMPLING (00.00)	Hrs.	11:00		
04	AMBIENT TEMPERATURE (Max/Min)	Deg C	35/23		
05	RELATIVE HUMIDITY	% RH	51		
06	SAMPLING DURATION	Hrs.	24		
07	PM ₁₀	µg/m ³	148.00	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	µg/m ³	78.00	≤60	IS 5182(part 24):2019
09	SO ₂	µg/m ³	18.60	≤80	IS 5182(part 2):2023
10	NO ₂	µg/m ³	21.80	≤80	IS 5182(part 6):2006 RA 2022
11	CO (1 hour)	mg/m ³	0.461	≤4.0	IS 5182 (Part 10):1999 RA 2019

REMARK/OBSERVATIONS:

NAAQS–National Ambient Air Quality Standards.

Monitoring results except **PM₁₀** And **PM_{2.5}** are within limits prescribed by NAAQS.

For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****

b) Noise



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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AMBIENT NOISE MONITORING REPORT

CLIENT'S NAME & ADDRESS	REPORT NO.	HS/LAB/AA/0458A
Project Name BOM" – Proposed Data Center Project at Survey No: 238/2, Part of Village Kalwa, Thane Belapur Road.	DATED	22/05/2024
	LAB REFERENCE NO	HS/LAB/AA/BE-199
	DATE OF SAMPLING	15&16/05/2024

RESULTS

SR. NO.	TEST LOCATION	UNIT	Day Time			Night Time		
			L Max	L Min	Average	L Max	L Min	Average
01	NQ-1 Project site (Lat. & long.) 19°11'6.72"N 73° 0'14.05"E	dB(A)	72.3	52.1	60.8	69.7	48.4	59.7

REMARK/OBSERVATIONS:

LIMITS – Refer Noise Annexure Enclosed

For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
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Noise Annexure

THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)

SCHEDULE

(see rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

Area Code	Category of Area / Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

- Note:-
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
 2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
 3. Silence zone is an area comprising not less than 100 metres around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority
 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

M. Nagarkar

c) Soil



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
• Tel.: 020 - 25460202, 25460203, 25460023, 25460033. • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

ANALYSIS REPORT

F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/00822A
Project Name - "BOM" – Proposed Data Center Project at Survey No: 238/2, Part of Village Kalwa, Thane Belapur Road.	REPORT DATE	21/05/2024
	LAB REFERENCE NO.	HS/LAB/WA/0319A
	SAMPLING DATE	15/05/2024
	SAMPLE RECEIPT DATE	16/05/2024
	START DATE OF ANALYSIS	16/05/2024
	END DATE OF ANALYSIS	21/05/2024

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Soil Sample	The Client	----	SQ-1-Project site 19°11'7.96"N 73° 0'13.39"E

RESULT OF ANALYSIS

SR. NO	DESCRIPTION	UNIT	RESULT	Standard as per Ministry of Agriculture 2011	TEST METHOD REFERENCE
01	pH @ 25 °C	---	7.40	< 8.5	IS 2720 (Part 26) 1987
02	Colour	---	Light Brown	Not Specified	Ministry of Agriculture 2011
03	Texture	---	Loamy Sand	Not Specified	Ministry of Agriculture 2011
03a	Sand	%	54.00	Not Specified	Ministry of Agriculture 2011
03b	Slit	%	28.00	Not Specified	Ministry of Agriculture 2011
03c	Clay	%	18.00	Not Specified	Ministry of Agriculture 2011
04	Electric Conductance @ 25 °C	mS/cm	0.45	0.15 – 0.65	IS 14767:2000
05	Total Organic Matter	%	0.55	0.5 – 0.75	IS 2720 (Part XXII) 1972
06	Bulk Density	g/cm ³	1.20	Not Specified	Ministry of Agriculture 2011
07	Porosity	%	32.00	Not Specified	Ministry of Agriculture 2011
08	Permeability	%	34.00	Not Specified	Ministry of Agriculture 2011
09	Water Holding Capacity	%	1.20	Not Specified	IS 14765 (2000)
10	Sodium Adsorption Ratio (SAR)	---	17.45	10-18	Ministry of Agriculture 2011
11	Total Nitrogen as N	kg/ha	374.00	< 140.00	SOP : HS/ NABL/ SOIL/3A
12	Available Potassium as K ⁺⁺	Kg/ha	153.40	108-280	Ministry of Agriculture 2011



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13	Sodium as Na ⁺⁺	mg/kg	210.00	Not Specified	Ministry of Agriculture 2011
14	Calcium as Ca ⁺⁺	mg/kg	260.00	< 400.00	SOP NO: HS/ NABL/ SOIL/4
15	Exchangeable Magnesium as Mg ⁺⁺	mg/kg	88.20	< 240.00	SOP NO: HS/ NABL/ SOIL/5
16	Available Phosphorus as P	kg/ha	32.70	10- 24.60	SOP NO: HS/ NABL/ SOIL/8
17	Cation Exchange Capacity	meq/ 100gm	10.00	Not Specified	Soil Manual – Ministry of Agriculture 2011 Method No. 4.6.3.3 PP-74
18	Total Iron as Fe	mg/kg	25480.00	Not Specified	SOP NO: HS/ NABL/ SOIL/20
19	Total Zinc as Zn	mg/kg	9.20	Not Specified	SOP NO: HS/ NABL/ SOIL/20
20	Total Manganese as Mn	mg/kg	568.00	Not Specified	SOP NO: HS/ NABL/ SOIL/20
21	Total Copper as Cu	mg/kg	22.00	Not Specified	SOP NO: HS/ NABL/ SOIL/26
22	Boron as B	mg/kg	1.20	Not Specified	SOP NO: HS/ NABL/ SOIL/29
23	Total Molybdenum as Mo	mg/kg	1.80	Not Specified	SOP NO: HS/ NABL/ SOIL/26
24	Total Lead as Pb	mg/kg	10.40	Not Specified	SOP NO: HS/ NABL/ SOIL/20
25	Total Cadmium as Cd	mg/kg	0.80	Not Specified	SOP NO: HS/ NABL/ SOIL/20
26	Hexa-Valent Chromium as Cr ⁶⁺	mg/kg	0.74	Not Specified	SOP NO: HS/ NABL/ SOIL/20
27	Total Nickel as Ni	mg/kg	10.20	Not Specified	SOP NO: HS/ NABL/ SOIL/20
28	Aluminium as Al	mg/kg	1.50	Not Specified	SOP NO: HS/ NABL/ SOIL/20
29	Barium as Ba	mg/kg	520.00	Not Specified	SOP NO: HS/ NABL/ SOIL/20

REMARK: Total Nitrogen and Available Phosphorus are exceeding the limit as per specified by Ministry of Agriculture 2011.

For **HORIZON SERVICES**

M. Nagarkar

(LAB INCHARGE)

CTE Report

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd, 3rd
and 4th floor, Opp. Cine
Planet Cinema, Near Sion
Circle, Sion (E),
Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CAC-CELL/UAN No.0000195775/CE/2406000579

Date: 07/06/2024

To,
BOM 2 & BOM 3,
Plot No. 47/2(Part), 48/2(Part), 49/2(Part),
Tal. & Dist. - Thane.



Your Service is Our Duty

Sub: Consent to Establish for Data Centre activity, under RED category.

Ref: Minute of 3rd CAC meeting dated 17.05.2024.

Your application NO. MPCB-CONSENT-0000195775

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

- The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.**
- The capital investment of the project is Rs.3000 Cr. (As per undertaking submitted by pp).**
- The Consent to Establish for Data Centre activity, named as BOM 2 & BOM 3, 47/2 (Part), 48/2 (Part), 49/2 (Part), Dighe, Thane Belapur Road Navi-Mumbai, Thane on Total Plot Area of 172354 SqMtrs for construction Total BUA of 390772 SqMtrs as per EC granted dated 08.02.2024 including utilities and services.**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	EC dated 08.02.2024	172354.00	390772.00

- Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	0	NA
2.	Domestic effluent	4.5	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1 to S-65	D.G. Sets (1250 kVA x 65Nos.)	65	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	23 Kg/Day	OWC	Wet garbage treatment in 1 OWC's of 1000 Kg capacity
2	Non - Biodegradable	53 Kg/Day	Handed over to Authorized recyclers	Handed over to Authorized recyclers
3	STP SLUGHE	1 Kg/Day	Handed over to Authorized recyclers	Handed over to Authorized recyclers

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
NA					

8. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E-Waste	325.00	Kg/Day	Sale to authorized recycler.

9. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
11. This consent is issued pursuant to the decision of the 3rd Consent Appraisal Committee Meeting held on 17.05.2024.
12. PP shall provide sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
13. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
14. PP shall provide organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
15. PP shall make provision of charging ports for electric vehicles at least 40% of total available parking slots.
16. PP shall comply with the conditions stipulated in Environment Clearance & Consent Conditions

17. PP shall submit the BG of Rs. 25 lakhs towards pollution control system and compliance of conditions stipulated in EC and Consent to Operate.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.



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Signed by: **Dr. Avinash Dhakne**
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2024-06-07 16:26:44 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	6000000.00	MPCB-DR-25304	18/03/2024	RTGS

Copy to:

1. Regional Officer, MPCB, Navi Mumbai and Sub-Regional Officer, MPCB, Navi Mumbai
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC updating.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide MBBR based Sewage Treatment Plants (STPs) of combined capacity **12 CMD for treatment of domestic effluent of 4.5 CMD.**

B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	5.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Grandening/Other consumption	153

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
65	D.G. Sets (1250 kVA x 65Nos.)	Acoustic Enclosure Stack	3.54	Diesel 496 Ltr/Hr	1	Nox	238.08 Kg/Day

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm3
-------------------------	---------------	------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - b) The toilet shall be provided with exhaust system connected to chimney through ducting.
 - c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - d) The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E	2500000	15 days	Towards compliance of consent conditions.	upto C to 1st O	upto C to 1st O

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV**Conditions during construction phase**

A	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
B	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
C	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
6. The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).

- 7 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 8 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 9 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 10 Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 11 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 12 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 13 The treated sewage shall be disinfected using suitable disinfection method.
- 14 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 15 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

This certificate is digitally & electronically signed.
