## MAHARASHTRA POLLUTION CONTROL BOARD

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MAHARASHTRA

Kalpataru Point, 3rd & 4th floor, Sion- Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near

Sion Circle, Sion (E),

Mumbai - 400 022

Consent order No : Format 1.0/BO/CAC-cell/EIC-NM-5416-14/R/CAC-915 Date-28 61 2015

To.

M/s. Serene Properties Pvt. Ltd. Plot No. 3, Bldg. No. 2 to 8 &14, TTC Indl. Area, MIDC Airoli,

Navi Mumbai, Thanc.

Subject: Renewal of Consent to Operate for Bldg no. 2 to 8 & 14 of IT Park in Orange category.

Ref

- 1. Earlier Consent to Establish granted vide no. BO/RO(P&P)CC-254 dated 21/04/2008.
- 2. Revalidation of C to E for bldg. no.11 & 12 granted vide no. Formati.0/BO/CACcell/EIC-NM-5190-14/E(revalid)/CAC-6301 dated 4.7.2014.
- 3. Previous consent to operate granted vide no. Format 1.0/BO/CAC-cell/EIC-NM-5036-14/R(part)/CAC-7499 valid upto 31.10.2014.
- Your application approved in 23rd CAC meeting of 2014-15 held on 20.12.2014

Your application CR1409000248

Dated: 27.8.2014

For: Renewal of Consent to Operate

under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II JII & IV annexed to this order:

The consent to operate is granted for a period from 31.10.2014 upto 28.2.2017.

The capital investment of the IT bldg. no. 2 to 8 & 14 is Rs. 679.12 crs Crs. (As per CA certificate submitted by industry)

The Consent is valid for the IT-Park named as M/s. Serene properties Pvt. Ltd., at Plot no. 3, TTC Industrial Area, MIDC Airoli, Navi Mumbai, Dist-Thane on total plot area of 1,96,440 sq.m. & BUA of 224430 sq.m. out of total BUA of 3,49,192.41 sq.m. including utilities as per occupancy certificate issued by local body

Sr. No.	Building name	BUA	UOM.
1	Building no.2	26028.4	Sq.m.
2	Building no. 3	27610.05	Sq.m.
3	Building no. 4	27610.05	Sq.m.
4	Building no. 5 & 6	67101.59	Sq.m.
5	Building no.7	27610.05	Sq.m.
6	Building no.3	21476.66	Sq.m.
7	Building no.14	26994	Sq.m.
	Total	224430	Sq.m.

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

Sr.	Description	Permitted quantity	Standards to	Disposal
no.		of discharge (CMD)	be achieved	; 
1.	Trade effluent	NIL		
2.	Domestic	1759	As per	80 % recycle and
	effluent		Schedule -I	remaining to be
				discharge in
				Municipal sewer

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

Sr. no.	Description of stack/ source	Number of Stack	Standards to be achieved
1.	DG Set (4x1010) KVA	4	As per Schedule -II
2.	DG Set (3x1110) KVA	. 3	•
3	DG Set (4x1010) KVA	4	
4.	DG Set (4x2000) KVA	4	
5.	DG Set (3x1500) KVA	3	
6.	DG Set (2x1010) KVA	2	
7.	DG Set (3x1010) KVA	4	

Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000.

Strate	្នារីស្រែទី Of Waste	Quantity	UOM	Treatment	Disposal
1	Biodegradable	1600	Kg/Day	Composting	Used as Manure
	waste			_	
2	Non-	800	Kg/day		Sale to
	biodegradable				authorized
<u></u>	waste				vendor

Conditions under Hazardous Waste (M, H & T M) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. Type Of Waste No.	Category Quantity	UOM	Treatment	Disposal
1 E-waste		81.		

- This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- 6. PP shall comply with the conditions stipulated in EC granted vide no. 21-268/2007-IA.III dtd 23.8.2007.

For and on behalf of the Maharashtra Pollution Control Board

> (Dr. P. Anbalagan, las) **Member Secretary**

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On	Rémarks
<u>l.</u>	1255300/	110021	13.8.2014	Axis bank	
2	<b>3</b> 3333/- 	110384	16.9.2014		Balance fees of Rs. 66666/- is adjusted in this consent.

#### Copy to:

- 1. Regional Officer Navi Mumbai and Sub-Regional Officer- Navi Mumbai II, MPCB, Navi Mumbai. They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Mumbai.
- 3. CC/CAC desk- for record & website updation purposes.

#### Schedule-I

# Terms & conditions for compliance of Water Pollution Control:

- 1) A As per your application, you have provided Sewage Treatment Plant (STPs) with the design capacity of 160 CMD for bldg. no.2, 225 CMD for bldg. no.3, 320 CMD for bldg. no. 4, 750 CMD for bldg. no. 5 & 6, 225 CMD for bldg. no. 7, 180 CMD for bldg. no.8 & 225 CMD for bldg. no.14.
  - 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	Standards prescribed by Board		
		Limiting Concentration in mg/l, except for pH		
01	BOD (3 days 27oC)	30		
02	Suspended Solids	50		
03	COD	100		
04	Residual Chlorine	1ppm		

- C ) The treated effluent shall be 80% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, Agriculture, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.
- 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) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

	The the city
Sr. no. Purpose for water consumed	Water consumption
	quantity (CMD)
1. Domestic purpose	2294.5



#### Schedule-II

#### Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have erected following stack (s) and to observe the following fuel pattern-

AND THE PERSON AND TH	Stack Attached To	APC System	Height in Mtrs.*	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
1.	DG Set (4x1010   KVA)	Acoustic enclosure	6.4 mtrs each	HSD	200Lit/hr	1	384
• )	DG Set (3x1010 KVA)		6.6 mtrs each		387		288
3	DG Set (4x1040 KVA		6.4 mtrs each				384
4.	DG Set (4x2000 KVA		8.9 mtrs each				384
5.	DG Set (3x1500 KVA		7.8 mtrs each	er i			288
().	DG Set (2x1010 KVA		6.4 mtrs each				192
7.	DG Set (3x1010 KVA		6.4 mtrs				384

<sup>\*=</sup> above roof of the building in which it is installed or the nearest building.

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:

Particulate	Not to exceed	150 mg/Nm <sup>3</sup> .	7
matter			i

- 3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration 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).



### <u>Schedule-III</u> <u>Details of Bank Guarantees</u>

Sr. No.	,	Amt of BG   Submission Imposed   Period	Purpose of BG	Compliance Period	Validity Date
. 1	Consent to Operate	Rs. 10 lakh*	Towards O & M of pollution control system	continuous	28.6.2017

 $<sup>^{\</sup>ast}$  The existing BG of Rs. 10 lakh shall be extended for a period upto 28.6.2017.

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#### Schedule-IV

#### **General Conditions:**

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and 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.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/displayed to acceletate identification.
- Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 7) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 8) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 9) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- 10) The industry shall comply with the E- waste (M & H) Rules, 2012.
- 11) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 12) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 13) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained
- 14) 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 sitting and control measures.

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- 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  $D.G.\,\,\mathrm{Set}$
- in The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 15) The industry should not cause any nuisance in surrounding area.
- 16) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 17) The applicant shall maintain good housekeeping.
- 18) The applicant shall bring minimum 33% of the available open land under green coverage/plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 19) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance? pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 20) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 21) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 22) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 23) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

