

MAHARASHTRA POLLUTION CONTROL BOARD

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Near Sion Circle, Sion (E),
Mumbai - 400 022

Consent order No: Format1.0/BO/RO-HQ/CC-1808000055

Date- /6/2017-

01/08/2018

To,
M/s. CTRLS Data Centres Ltd.,
P. no. Gen 72/1/A, TTC Indl Area, MIDC Mahape,
Navi Mumbai.

Subject: Renewal of Consent to Operate for IT & ITES Activity (Data Centre) in Red category.

Ref :

1. Previous C to O granted vide no. MPCB/RONM/NNB/TTC/Orange/O/CC/C-47 dtd. 20/07/2012.
2. Minutes of CC meeting held on 18/12/2017 & 20/12/2017.

Your application MPCB-CONSENT-0000011572 Dated: 10.8.2016

For: Renewal of Consent to Operate for IT & ITES Activity (Data Centre).

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 and Other Wastes (M & T M) 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:

1. The renewal of consent to operate is granted for a period from 1/8/2014 up to 31/07/2021.
2. The capital investment of the project is Rs. 92.93 Crs. (As per CA certificate submitted by the project proponent).
3. The Consent to Operate is valid for IT & ITES Activity (Data Centre) by M/s. CtrlS Data Centre Ltd., Gen 72/1/A, TTC Industrial Area, MIDC Mahape, Thane for total plot area of 10000 sq. mtrs, and total construction built up area 12767.23 Sq. mtrs including utilities and services as per occupation certificate issued by local body.

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	11.5	As per Schedule -I	CETP.

5. 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 (4 x 1010 KVA)	4	As per Schedule -II
2.	DG set (6 x 1500 KVA)	6	As per Schedule -II

6. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity	Treatment	Disposal
1.	Biodegradable	5 kg/day		Used as Manure
2.	Non-Biodegradable (Paper Carton)	500 kg/M	-	Sold

7. Condition under E-Waste (Management), Rules 2016.

S. No.	Type Of E-Waste	Quantity	UOM	Treatment	Disposal
1	E-Waste		MT/A	Nil	Authorized recyclers

8. Condition Under Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016:

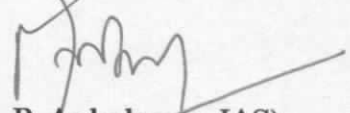
(i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Category Of Waste	Quantity	UOM	Disposal
1.	5.1 Used / Spent oil	100	MT/Year	Sale to authorized re-processor

9. The 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 authorities.

For and on behalf of the
Maharashtra Pollution Control Board


(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	Transaction No.	/DR	Transaction/ DR Date	Bank
1.	150000	002377		11.7.2016	Axis Bank
2.	225000	025960		22.11.2016	Axis Bank
3.	450000	7608837		17.5.2018	Axis Bank

Copy to:

1. Regional Officer – Navi Mumbai and Sub-Regional Officer- Navi Mumbai-II MPCB-
- 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 purpose.

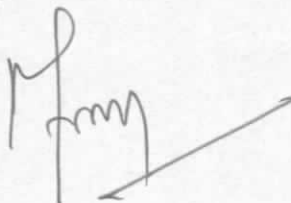
Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your consent application, the sewage generated from the unit shall be treated in Common Effluent Treatment Plant provided by MIDC.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works 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 an extension or addition thereto
- 3) The firm 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 water consumption of the project is as under:

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	40
2.	Industrial Cooling	50
3.	Gardening	25

- 5) The firm shall provide Specific Water Pollution control system as per the conditions of EPAct,1986 and rule made there under from time to time/ Environmental Clearance.



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-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO ₂ Kg/Day
01.	DG set (4 x 1010 KVA)	Acoustic Enclosure	6.35*	HSD/ Diesel	50 Lit/Hr	---	
02.	DG set (4 x 1500 KVA)	Acoustic Enclosure	7.74*	HSD/ Diesel	70 Lit/Hr		

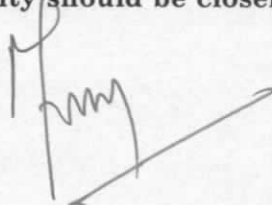
* above the roof of the bldg. in which it is installed

D.G. Set shall be operated only in case of power failure.

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 matter	Not to exceed	150 mg/Nm ³ .
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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).
5. Ambient noise levels should conform to prescribed standards both during day and night. The ambient air and noise quality should be closely monitored during construction phase



Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent to Operate	Rs. 5 lakh	15 Days	Towards O & M of pollution control system and Compliance of Consent Conditions.	Continuous	30/11/2021



Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

- 1) 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.
- 2) 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 Rules 2016 and E-Waste (Management) Rules 2016.
- 3) 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.
- 4) The applicant shall install a separate meter showing the consumption of energy for operation of sewage treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 5) 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.
- 6) 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) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) 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.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) 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.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 7) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules 2016 & E-Waste (M) Rules 2016.
- 8) 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.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) 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.
- 11) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**