

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

Consent order No: - Format1.0/BO/CAC-cell/EIC- NM-6006-15/CO(Part)/CAC- 6180

Date- 11/05/2016

To,
M/s. IGate Global Solutions Ltd.,
Phase-1, Plot No. IT-3 & IT-4, Airoli Knowledge Park,
TTC Indl. Area, Airoli, Navi Mumbai

Subject: 1st Consent to Operate (Part) of Phase-I for IT-Park Project in RED category.

Ref :

1. Environmental Clearance granted by Environment Department, GoM vide no. SEAC-2013/CR-353/TC-1 dated 25.03.2014
2. Consent to Establish granted vide no BO/ROHQ/EIC-NM-4131-12/CE/CAC-5987 dtd. 17.07.2013
3. Your Application approved in 14th CAC meeting of 2015-2016 held on 02.02.2016

Your application CO1512000096

Dated: 18.11.2015

For: 1st Consent to Operate (Part) of Phase-I for IT-Park Project 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, III & IV annexed to this order:

1. The 1st Consent to Operate is granted for a period upto 28.02.2017.
2. The actual capital investment of the part project is Rs. 233.01 crs (as per C.A. Certificate submitted by PP) (Estimated Cost of the entire project is 575 crs as per EC)
3. The 1st Consent to Operate (Part) is valid for IT-Park Project Phase-I (office building block-1, building block-2 & building block-3 & its support services) of M/s. IGATE Global Solutions. Ltd. at Plot No. IT-3 & IT-4, Airoli Knowledge Park, TTC Indl. Area, Airoli, Navi Mumbai on total plot area of 1,45,154.41 sq. m. and construction Built-up area of 64,117 sq. m. out of total construction BUA of 92,401.15 sq.m. of entire project as per Environmental Clearance, including utilities and services.
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	293	As per Schedule -I	The treated effluent qty. 220 CMD shall be recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining 73 CMD shall be utilized on land for gardening.

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 x2000 KVA)	4	As per Schedule -II

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

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	484 kg/day	OWC	Manure
2	Non-Biodegradable	1138 kg/day	--	Recycle or Hand over to local body
3	STP Sludge	30 Kg/day	--	Use as manure

7. Conditions under E-Waste (Management and Handling) Rule,2011 :

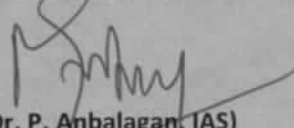
Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	E-waste	As actual	Nil	Sale to the Authorized recyclers

8. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1.	Used/waste oil	5.1	As actual	--	--	Sale to the authorized reprocessor

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.
11. PP shall submit affidavit shall submit an affidavit in Board's prescribed format within 15 days regarding compliance of conditions of Environmental Clearance (EC) and Consent to Establish.
12. PP shall submit the affidavit within 15 days in the prescribed format regarding the part of the built up area/ building for which application for 1st Consent to Operate (Part) is made and that the same is included in the Environmental Clearance accorded.
13. PP shall comply with the conditions stipulated in Environmental Clearance granted by Environment Department, GoM vide no. SEAC-2013/CR-353/TC-1 dated 25.03.2014.
14. Project Proponent shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit. and shall install online monitoring system within 4 months time period.

For and on behalf of the
Maharashtra Pollution Control Board


(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of –

Sr. No.	Amount (Rs.)	DD. No.	Date	Drawn On
1	4,66,129/-	761358	10.11.2015	Standard Chartered Bank

Copy to:

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

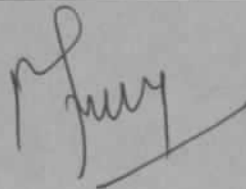
- 1) A) As per your application, you have provided Sewage Treatment Plants (STPs) with the design capacity of 310 CMD based on Extended Aeration technology.
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the 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)	10
02	Suspended Solids	10
03	COD	50
04	Residual Chlorine	1ppm

- C) The treated effluent qty. 220 CMD shall be recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining 73 CMD shall be utilized on land for gardening. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure recycling of treated sewage and shall maintain the record with data logging system. Project Proponent shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit. and shall install online monitoring system within 4 months time period.
- 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) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	Nil
2.	Domestic purpose	Fresh water: 171 CMD
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and also 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 %
1	DG set (4 x 2000 KVA)	Acoustic enclosure	9* each	Diesel	1600 Lits/Hr	1

*Above the roof of building in which it is installed

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)
3. 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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4. 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.
5. 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).

Schedule-III

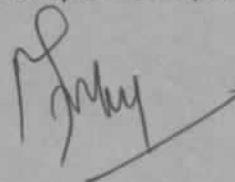
Details of Bank Guarantees

Proposed BG:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity++
1	C to O (part)	Rs. 10 lakh	15 days from date of issue of consent	Towards O & M of pollution control system	Continuous	Validity of this consent + 4 months

** 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.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months



Schedule-IV

General Conditions:

- 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 Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011.
- 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) 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.
- 5) 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) Applicant 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their 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.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 7) 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.
- 8) Applicant shall submit official e-mail address and any change will be duly informed to 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.**

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