

MAHARASHTRA POLLUTION CONTROL BOARD

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Infrastructure/SEZ/Red/L.S.I

Consent order No: Format 1.0/BO/ROHQ/CE/PN-19892-13/CC - 1250

Date: 06/02/2014

To,

M/s SEZ Biotech Services Pvt. Ltd.

“Poonawalla Biotechnology Park SEZ”

At PO Manjari Budruk

Tal : Haveli, Dist : Pune 412307

Sub : Consent to Establish in Red category for construction of Biotechnology Park/SEZ.

Ref : Minutes of Consent Committee meeting held on 31/01/2014

Your application:- CE1309000142

Date: 31/08/2013

For: Consent to Establish for construction of Bio-technology Park/SEZ.

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 Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011 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 consent to Establish is granted for a period upto:- Commissioning of the unit or five years, whichever is earlier.
2. The Proposed Capital investment of the Project is Rs 340.50 Crs. (As per CA certificate).
3. The Consent to Establish is valid SEZ project for Bio-tech industries to be developed by SEZ Biotech Services Pvt.Ltd. named as “Poonawalla Biotechnology Park SEZ” at Manjri Budruk Tal. Haveli, Pune, on total plot area of 1, 61,201.0 Sq. mt and total construction area of 2,21,895.58 Sq. mt. As per construction commencement certificate issued by local body.
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

| Sr. no. | Description | Permitted quantity of discharge | Standards to be achieved | Disposal |
|---------|-------------------|---------------------------------|--------------------------|--|
| 1. | Trade effluent | 2128.0 CMD | As per Schedule | |
| 2. | Domestic effluent | 272.0CMD | -I | 60% shall be reused & recycled and remaining shall be discharged in municipal sewer. |

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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 sets (2500KVA x 8) | 4 | As per Schedule -II |

6. Condition Under Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008:

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

| Sr. No. | Type Of Waste | Quantity | UOM | Disposal |
|---------|---|----------|---------|---------------------------------|
| 1 | (H.W. Cat. 5.1) Used / Spent oil | 10.0 | MT/Year | Sale to authorized re-processor |
| 2 | (H.W. Cat. 33.3) Discarded containers / barrels / liners | 500.0 | Nos /M | Sale to authorized re-processor |
| 3 | (H.W. Cat. 36.1) Sludge from wet scrubbers | 3.6 | MT/M | CHWTSDF |
| 4 | (H.W. Cat. 36.2) Ash from incineration of hazardous waste | 10.0 | MT/A | CHWTSDF |
| 5 | (H.W. Cat. 34.3) Sludge generated from Waste water treatment plant. | 60.0 | MT/A | CHWTSDF |

7. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
9. The applicant shall submit an affidavit within 15 days in the prescribed format towards not taking further effective steps prior to obtaining the Environment Clearance and BG of Rs. 20 Lakh for ensuring the compliances.
10. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.
11. The applicant shall provide common pollution control infrastructure facility.
12. Every individual industry proposed to be located in SEZ Biotech park area shall obtain Consent to Establish and Consent to operate separately from Maharashtra Pollution Control Board

For and on behalf of the
Maharashtra Pollution Control Board

(Rajeev Kumar Mital) IAS
Member Secretary

Received Consent fee of -

| Sr. No. | Amount(Rs.) | DD. No. | Date | Drawn On |
|---------|-------------|---------|------------|-----------|
| 1 | 681100.0 | 046236 | 29/08/2013 | Axis Bank |

Copy to:

1. Regional Officer, MPCB, Pune. And Sub-Regional Officer, Pune-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.

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Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) **A] As per your consent application, you have proposed to provide the Effluent Treatment Plant capacity of 2500 CMD.**
B] Trade Effluent: Treatment: The applicant shall provide comprehensive treatment system consisting of primary / secondary and/ or tertiary treatment as is warranted with reference to influent quantity and operate and maintain the same continuously so as to achieve the quantity of the treated effluent to the following standards:

| Sr. No. | Parameter | | Limits |
|---------|------------------------|---------------|-------------|
| 1 | pH | Between | 6.5 to 8.5 |
| 2 | BOD 3 days | Not to exceed | 100.0 mg/l |
| 3 | COD | Not to exceed | 250.0 mg/l |
| 4 | Oil & Grease | Not to exceed | 10.0 mg/l |
| 5 | Suspended Solids | Not to exceed | 100.0 mg/l. |
| 6 | Total Dissolved Solids | Not to exceed | 2100.0 mg/l |
| 7 | Sulphates | Not to exceed | 1000.0 mg/l |
| 8 | Chlorides | Not to exceed | 600.0 mg/l |

C] Trade Effluent Disposal:- The treated effluent shall be recycled,/ reused to the Maximum extent and remaining shall be used on land for gardening in own premises.

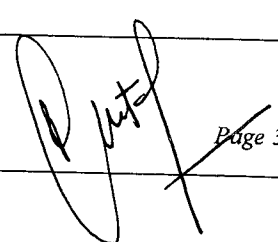
D] Sewage Effluent Treatment:- As per your consent application, you have proposed to provide the sewage treatment system with the design capacity of 400 CMD. The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

- (1) Suspended Solids Not to exceed 100 mg/l.
(2) BOD 3 days 27o C. Not to exceed 100 mg/l.

E] Sewage Effluent Disposal: The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

- 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) 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.

| Sr. no. | Purpose for water consumed | Water consumption quantity (CMD) |
|---------|---|----------------------------------|
| 1. | Domestic purpose | 340 |
| 2 | Water gets polluted & Pollutants are Biodegradable | 2660.0 |
| 3 | Water gets polluted, Pollutants are non Biodegradable & toxic | 0.0 |
| 4 | Industrial Cooling, spraying In mine pits or boiler feed | 0.0 |



Schedule-II

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

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

| Sr. No. | Stack Attached To | Height in Mtrs. (Above roof top) | Type of Fuel | Quantity |
|---------|------------------------|----------------------------------|----------------|--------------|
| 1. | DG sets (2500 x8 KVA) | 30.0 | HSD/ Diesel | 4000 Lit/Day |

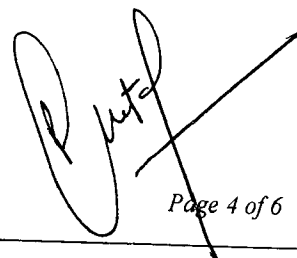
* D.G. Set shall be operate only in case of power failure.

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 | 150.00 mg/Nm ³ . |
|--------------------|---------------|-----------------------------|


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. Conditions during construction phase

| | |
|---|--|
| a | During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters. |
| b | During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory. |
| c | Noise generating activity shall be carried out during day time only. |


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**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 | Establish | Rs. 10.0 lakh | 15 days | Rs. 10.0 lakh for ensuring the compliance of consent conditions & not to take any Effective step prior to Environment Clearance. | Upto Commissioning of the unit | Five years |
| 2 | Establish | Rs 20.0 Lakh | 15 days | Rs. 20.0 lakh for not taking any effective steps prior to obtaining the Environment Clearance | Upto Obtaining Environment Clearance. | Five years |


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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) 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.
- 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) The industry 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 obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**

