


# MAHARASHTRA POLLUTION CONTROL BOARD

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Website: <a href="http://mpcb.gov.in">http://mpcb.gov.in</a>		Near Sion Circle, Sion (E)
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Red/L.S.I

Date: 26/02/2013

Consent No. BO/JD(APC)/EIC No. PN-15453-12/R/CC-1636

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 / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008  
[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

.....  
M/s. Celerity Power Pvt. Ltd.,  
(Nira Deoghar Hydro Electric Project),  
At:- Nigudghar, Post:- Aпти Tal. Bhor,  
Dist ;Pune.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to: 30/09/2013.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Hydro Electric Power	2x 3.5	MW

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of tailrace discharge from hydro power station shall not exceed 2073600 M<sup>3</sup>/Day
- (ii) The daily quantity of sewage effluent from the Hydro Power Station shall not exceed 0.2 M<sup>3</sup>.
- (iii) Trade Effluent : N.A.
- (iv) Trade Effluent Disposal : N.A.
- (v) Sewage Effluent Treatment: The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.
  - (1) Suspended Solids Not to exceed 100 mg/l.
  - (2) BOD 3 days 27o C. Not to exceed 100 mg/l.
- (vi) 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.
- (vii) Non-Hazardous Solid Wastes: N.A.
- (viii) Other Conditions:
  1. Industry should monitor effluent quality regularly.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

(i) Domestic	...	0.5	CMD
(ii) Industrial Processing	...	-----	CMD
(iii) Industrial Cooling /Boiler	...	2073600	CMD
(iv) Agricultural/Gardening	...	--	CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribe form and pay the Cess as specified under Section 3 of the said Act. (As per clause no 2.C of Cess Act Hydro Power Stations are exempted from the Definition of Industry hence payment of Cess is not applicable to Bhira Hydro Power Station)

5. **CONDITIONS UNDER AIR ACT:**

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

**Control Equipment: NA**

**Conditions for DG Sets: -**

1. Noise from DG Sets shall be controlled by providing acoustic enclosure or by treating the room acoustically.
2. Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/acoustic treatment of the room shall 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 shall be done at different points at 0.5 meters from acoustic enclosure/room and then average.
3. The Applicant should make efforts to bring down noise level due to DG Set, outside the premises, with ambient noise level requirements by proper setting and control measures.
4. Installation of DG Set must be strictly in compliance with recommendations of DG set Manufacturer.
5. A proper routine and preventive maintenance procedure for DG Set shall be set and followed in consultation with the DG manufacturers, which would help to prevent noise levels of DG Sets from deteriorating with use.
6. The DG set shall be operated only in case of power failure. The applicant shall make arrangement for regular electrical power.
7. The Applicant shall not cause any nuisance in the surrounding area due to operation of DG sets.
8. In case of problems, the D.G. set shall not be operated until it is set back to satisfactory position.

**Standard for Emission of Air Pollutants**

(a) SPM	Not to Exceed	150 mg/Nm <sup>3</sup>
(b) SO <sub>2</sub>	Not to Exceed	---Kg/Day

**(ii) The Applicant shall observe the following fuel pattern**

Sr No	Type of Fuel	Quantity
1	HSD	10 Liters/ M

**(iii) The applicant shall erect the chimney(s) of the following specifications**

Sr No	Chimney Attached to	Height in Mtrs
1	D.G. set (100 KVA)	3.5 mtrs above roof

(iv) The applicant shall provide ports in the chimney/(s) and facility such as ladder, platform etc for monitoring of 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 designed by numbers such as S-1, S-2 etc. and these shall be painted /displayed to facilities identification.

(v) 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.

**(vi) Other Condition**

(a) The Industry should not cause any nuisance in surrounding area.

**6. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:**

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

Sr. No	Type Of Waste	Quantity	UOM	Disposal
1	5.1 Used Oil/Spent Oil	280	Ltrs/Annum	Sale to authorized party

(ii) Treatment: - NA

(iii) The authorization is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.

**7. Industry shall comply with following additional conditions:**

i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.

ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.

iii. Solid waste – 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 to dumping ground.

iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant 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 & conditions of this consent regarding pollution levels.

- v. The applicant shall not change or alter 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.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric 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.
- xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

8. This is issued with the approval of Consent Committee meeting held on 15/02/2013.

09. The capital investment is Rs.39.94 /- Crores.

(Rajeev Kumar Mital, IAS)  
Member Secretary

To,

**M/s. Celerity Power Pvt. Ltd.,  
( Nira Deoghar Hydro Electric Project),  
At;- Nigudghar, Post;- Apti Tal. Bhor,  
Dist ;Pune.**

Copy to:

- 1) RO- MPCB Pune /SRO Pune-I \_ They are directed to ensure the compliance of consent condition & submit the report within one month period.
- 2) CAO/Cess Branch/Master File
- 3) Cess Branch, MPCB.
- 4) Master File.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	75000/-	003136	21/09/20121	HDFC Bank