

MAHARASHTRA POLLUTION CONTROL BOARD

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Consent No: Format 1.0/ BO/CAC-Cell/EIC-NM- /CO/CAC - Date- 25/11/2019

To,
M/s Jawaharlal Nehru Port Trust (JNPT),
(Port based multi-product SEZ at JNPT area Phase-I),
Tal Uran, Dist Raigad

1911001026

Subject: Consent to Establish for Port based multi-product SEZ at JNPT area Phase-I by Jawaharlal Nehru Port Trust for in RED category.

Ref : 1. Your application for consent to Establish dated 20.12.2018.
2. Environmental Clearance granted by Environment department through SEIAA vide letter SEAC- 2014/CR-302/TC2 dated 5th December, 2014
3. Minutes of the Consent Appraisal Committee Meeting dated 10.04.2019.

Your application UAN: 0000063082 dated: 20.12.2018.

For: Consent to Establish for Port based multi-product SEZ at JNPT area Phase-I by Jawaharlal Nehru Port Trust for in RED category.

Under section 25 of the Water (Prevention and 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 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 consent to Establish is granted for period up to commissioning of the project or 5 years which is earlier.
2. The capital investment of the project is Rs. 476 crs. (As per documents submitted by Industry).
3. The Consent to Establish is valid for Port based multi-product SEZ at JNPT area Phase-I by Jawaharlal Nehru Port Trust at located in Sawarkhar, Karal, Sonari and Jaskhar, Uran Taluka: Dist: Raigad at Latitude NE:18°55'30.55"N, -73° 0'46.94"E and Longitude South: 18°54'29.92"N,-72°59'40.41"E, North:18°55'25.01"N, -72° 59'56.66"E, West: 18°55'2.59"N, -72° 58'43.94"E.

Sr. No.	Production details	Process details /Manufacturing details
1	The project will have processing zone and Non-processing zone. The process zone will be include industrial area and its allied utilities, services, Green areas and amenities while non-processing zone will have land uses like residential, commercial, green areas and allied amenities.	The process zone will have the units like FTWZ, Engineering goods, Non-conventional Energy manufacturing sector, Multiservice sector, Apparel and Textile, Electronics & Hardware sector, Recreational areas, Civic Amenities, Utility Infrastructure, Transport and communication etc.

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

Sr. No	Description	Permitted quantity of Discharge (CMD)	Standards of achieved	Disposal
1.	Domestic effluent	2323.0	As per Schedule -I	Treated Sewage recycling for gardening and non-drinking purpose as firefighting, toile flushing etc.
2	Trade Effluent	5369.0	As per Schedule -I	Treated effluent recycling for gardening and non-drinking purpose as firefighting, toile flushing etc.

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[100 KVA - 15 Nos -, 250 KVA- 15 Nos, 500KVA - 15 Nos]	45	As per Schedule-II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Solid Waste	25 MT /Day	Organic waste convertor machines	Disposal as per Solid Waste Management Rule 2016.

7. Conditions under Hazardous and Other Waste (MH & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1.	5.1 used / Spent Oil	5.1	50	Lit/M	recycle	Sale to authorized reprocessor

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. PP shall obtain NOC of CGWA/Irrigation department.
11. This consent is issued subject to any order passed and may be passed by Hon'ble National Green Tribunal, Hon'ble High Court and other courts.
12. The Applicant shall strictly comply with condition stipulated in EC-CRZ clearance granted by Environment department through SEIAA vide letter SEAC- 2014/CR-302/TC2 dated 5th December, 2014.

For and on behalf of the
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)
Member Secretary

Received Consent Fee of-

Sr. No.	Amount(Rs)	DD/NEFT	Date	Drawn on
1	9,52,000/-	NEFT	03.12.2018	State Bank of India

Copy to:

1. Regional Officer, MPCB, Navi Mumbai – Sub-Regional Officer - MPCB, Taloja.
- They are directed to ensure the compliance of Consent conditions.
1. Chief Accounts Officer, MPCB, Mumbai.
2. 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 to propose to provide the Effluent Treatment Plant (ETP) with the adequate capacity for the treatment of trade effluent.

The units from processing area will treat their waste water in their treatment plant up to the standards prescribed by the MPCB. Treated water will be further treated in sewage treatment plant of 9.0 MLD capacity.

- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent 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 (If any)
I. Compulsory Parameters- Limiting Concentration in mg/l, except for pH		
01	pH	6.0 to 8.5
02	Oil and Grease	10
03	BOD (3 days 27oC)	30
04	COD	250
05	Total Dissolved Solids	2100
06	Suspended Solids	100
07	Sulphates	1000
08	Chlorides	600

C] The treated trade effluent shall be recycle up to maximum extent for secondary purpose such as toilet, air conditioning, fire frightening etc. and remaining shall be connected to the sewerage system provided by Local Body.

- 2) A] As per your application, you have propose to provide Sewage Treatment Plant (STP) with the adequate capacity for the treatment of domestic effluent.

B] 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	50 mg/l.
(2)	BOD 3 days 27oC.	Not to exceed	30 mg/l.
(3)	COD	Not to exceed	100 mg/l.

C] The treated trade effluent shall be recycle up to maximum extent for secondary purpose such as toilet, air conditioning, fire frightening etc. and remaining shall be connected to the sewerage system provided by Local Body.

D] In case the treatment system in combined for trade effluent and sewage then the standards and disposal path prescribed at sr. no. 1 B & C of Schedule I Shall be applicable.

- 3) 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.

- 4) 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.

- 5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as contained in the said act. The detailed water budget is given as below:

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	2557.0
2.	Industrial Cooling, boiler feed, curing and wagon loading	----
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	5900.0
4.	Processing whereby water gets polluted & pollutants are easily biodegradable and are toxic	---
5.	Gardening	---

The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have to provide 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 Sets [100 KVA-15 Nos]	Acoustic enclosure	4.5 Each	HSD	@.021Ltrs/Hr/KVA at full load	1
2	DG Sets [250 KVA-15 Nos]	Acoustic enclosure	26 Each	HSD	@.021Ltrs/Hr/KVA at full load	1
3	DG Sets [500KVA-15 Nos]	Acoustic enclosure	14 Each	HSD	@.021Ltrs/Hr/KVA at full load	1

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 achieved consented standards:
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

Sr. No.	Consent	Amount of BG imposed	Submission Period	Purpose of BG	Compliance period	Validity Dated
1	Consent to Establish	5.0 Lakhs	15 Days	Towards compliance consent to operate conditions.	continuous	09.04.2024

****The above Bank Guarantee (s) shall be submitted by the applicant in favor of Regional officer at the respective Regional officer within 15 days of the date of issue of Consent.**

****The Bank Guarantee (s) shall be valid for a period up to: Validity of Consent + 4 months.**

Schedule-IV

General Conditions for Construction Phase:

- 1) The Solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- 2) Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precaution for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- 3) Green Belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local Agriculture Department.
- 4) Soil and Ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminates.
- 5) Fly Ash should be use as building material in the construction as per the provision of Fly Ash Notification of Sept 1999 and amended as on 27th August 2003. (The above conditions is application only if the project site is located within the 100 Km of Thermal power Station).

General Conditions for Post Construction/Operation Phase:

- 1) Project proponent shall ensure completion of STP,MSW disposal facility, green belt development prior to occupation of buildings. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement. Prior certification from appropriate authority shall be obtained.
- 2) Local body should ensure no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- 3) A separate environment management cell with qualified staff shall be set up for implementation the stipulated environmental safe guard.
- 4) Separate funds shall be allocated for implementation for environmental protection measures/EMP along with item wise break up. Theses cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted other purposes and year-wise expenditure should reported to the MPCB.

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 facilitate identification.
- 4) 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.

- 6) 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 shall comply with the Hazardous Waste (M.H.&TM) Rules,2008 and submit the annual returns as per rule 5(6) & 22(2) of Hazardous 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) 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).
- 11) 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.
- 12) 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.
- 13) 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 siting and control measures.
 - 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. Set.
 - h. The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 14) The industry should not cause any nuisance in surrounding area.
- 15) 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.
- 16) The applicant shall maintain good housekeeping.
- 17) 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.
- 18) 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.
- 19) 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.



- 20) 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.
- 21) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 22) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dated 16.11.2009 as amended.
- 23) The applicant shall ensure that no unauthorized activity should take place within the port trust area and ensure that all necessary precautions and necessary arrangements are made for Environmental Protection.
- 24) The Consent is granted with the condition that the entire individual units, if any operating in the premises should apply separately for grant of Consent from MPC Board. The Port authority will be considered equally responsible in case of non- compliance of Environmental Norms. The port is also enjoined to take action against defaulters under IPA, 1908.

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