



BIHAR STATE POLLUTION CONTROL BOARD

Parivesh Bhawan, NSB-2, Patliputra Industrial Area
Patliputra, Patna - 800 010

Ref. No.

Patna, dated:-

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981

Reference application ID. 2765467, dated- 04.07.2019 of M/s SJVN Thermal Pvt. Ltd., Sri S.C. Agarwal, Vill.+Po.- Chausa, Ps.- Muffasil, Rajpur, Dist.- Buxar for setting up a Thermal Power unit at Khata no- 206,211,307, 426,359,338,206,255,51,249, 70423,244, 269,484, 205,340, 248, 192, Khesra no.- 159,160,161,163,164,165,166,167,169,170,171,172,174,176,177, 178,179, 180,181, Mauza-Banarpur, Sikraul, Khormpur, Kochadi, Bechanpurwa, Mohanpurwa, Akhauripur, Buxar Thermal Power Project, Po.- Chausa, Dist.- Buxar-802114 with capacity as detailed given below :-

(a) Electricity – 2x660 MW

Investment- 880015 Lakhs

AFTER CONSIDERING:

- (i) The facts stated in their application;
- (ii) Bihar State Pollution Control Board's Notification No. 26 dated 08.11.2003;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981.

NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS:

- (i) The unit shall obtain 'Consent-to-Operate' under sections 25 & 26 of the Water Act, 1974 and under section of the Air Act, 1981 prior to commissioning of the plant from Bihar State Pollution Control Board;
- (ii) The effluent (Domestic & Trade) and emission, if any, shall conform to the standard as prescribed by the Board;
- (iii) That, they shall comply with all the conditions prescribed in the Environment Clearance (EC).
- (iv) The height of exhaust pipe of the D.G. Set shall be as prescribed by the CPCB and the noise level shall be within the prescribed standard.
- (v) Stack of 275m height shall be installed with the provision of the continuous online monitoring system as per the EC.

- (vi) High efficiency ESPs shall be installed to achieve to ensure emission of particulate matter does not exceed 30mg/Nm³. Adequate pollution control devices shall be provided in dusty area as in the EC.
- (vii) Flue gas Desulphurization (FGD) and Selective Catalytic Reduction (SCR) shall be installed.
- (viii) Online continuous monitoring system for ambient air and effluent shall be installed.
- (ix) The unit shall install silos of adequate capacity for collection and storage of dry fly ash. No ash shall be disposed off in low lying area.
- (x) Ash pond shall be constructed with impervious base with HDP/LDPE Lining for collection of ash slurry.
- (xi) Disposal of bottom ash in abandoned mines, if any, shall be as per the EC.
- (xii) Demand of coal and water shall be met as per the EC. The unit shall maintain specific water consumption maximum 2.5 m³ per MWh and maintain ZLD.
- (xiii) A well designed rain water harvesting system shall be developed.
- (xiv) The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant.
- (xv) A sewage treatment plant shall be provided as per the EC. No treated water will be discharged into surface water body. The unit shall maintain Zero liquid discharge.
- (xvi) Analysis of the raw and treated effluent shall be carried out regularly and report shall be submitted to the Board monthly.
- (xvii) Regular monitoring of ambient air quality shall be carried out as specified in the EC.
- (xviii) Compliance report of above conditions shall be submitted to the Board quarterly.
- (xix) Tree plantation shall be done in 100m width 3 tiers around the plant boundary with plant density of 2,500 trees per hectare with local native species. Green belt shall also be developed around the ash pond and vacant space of the premises.
- (xx) The unit shall have a display board near the site stating name of unit/Industry with address/name of occupier with address and ref memo no and date of consent with its validity period granted by the Board.



NOTE:

1. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
2. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed plant but shall be subject to compliance of all the conditions indicated above;
3. The NOC, granted, shall be valid for a period of four year from the date of issue.

Sd/-
(Alok Kumar)
Member Secretary

Memo No.: - 3412

Patna, dated: - 03.9.19

Copy forwarded to: M/s SJVN Thermal Pvt. Ltd., Sri S.C. Agarwal, Vill.+Po.- Chausa, Ps.- Muffasil, Rajpur, Dist.- Buxar/ Concern RO, Patna for favour of information and necessary action.

 3/9/19
(Alok Kumar)
Member Secretary
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