



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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बिहार राज्य प्रदूषण नियंत्रण पर्षद्

परिवेश भवन, पाटलीपुत्र औद्योगिक क्षेत्र, पटना-800 010

दूरभाष नं०-0812-2261250/2262265, फैक्स-0812-2261050;

E-mail: msbspcb-bih@gov.in, वेबसाइट-<http://bspcb.bih.nic.in>.

पत्रांक :- 2009
प्रेषक

पटना, दिनांक:- 05/10/23

एस. चन्द्रशेखर, भा0व0से0

सदस्य-सचिव

सेवा में,

Sri U.K. Sinha, Head (Environment)

M/s SJVN Thermal (P) Ltd.,

Buxar Thermal Power Project,

Post-Chausa,

District- Buxar

विषय: जल एवं वायु अधिनियमों के तहत स्थापनार्थ सहमति आदेश के अवधि विस्तार के संबंध में।

संदर्भ:- (i) आपका आवेदन दिनांक 28.08.2023

(ii) पर्षद् पत्रांक-3412, दिनांक 03.09.2019

महाशय,

उपरोक्त विषय एवं प्रसंग के संबंध में सूचित करना है कि आपकी इकाई (M/s SJVN Thermal (P) Ltd., Sri U.K. Sinha, Head (Environment), Mauza-Banarpur, Sikraul, Khormpur, Kochadi, Bechanpurwa, Mohanpurwa, Akhauripur, Buxar Thermal Power Project, P.O.-Chausa, District-Buxar) को पर्षद् पत्रांक-3412, दिनांक 03.09.2019 द्वारा स्थापनार्थ सहमति आदेश शर्तों के साथ निर्गत की गयी है।

इकाई को निर्गत स्थापनार्थ सहमति आदेश (पर्षद् पत्रांक-3412, दिनांक 03.09.2019) की अवधि विस्तार दिनांक 02.09.2024 तक की जाती है। अन्य शर्तें पूर्ववत् रहेंगी।

सूचनार्थ प्रेषित।

विश्वासभाजन
(एस. चन्द्रशेखर)
सदस्य-सचिव
05/10/23



BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,
PATLIPUTRA, Patna-800 010

Ref. No.-

Patna, Dated-

'CONSENT-TO-ESTABLISH' (NOC)

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

REFERENCE:

- (i) Name and address of the Proponent: M/s SJVN Thermal Pvt. Ltd., Buxar Thermal Power Project, Sri Vikas, at Sharma, STPL, Buxar Thermal Power Project, Mohanpurwa, Akhouripur Gola, Chausa, Dist.-Buxar-802114; and
- (ii) Online application No. 9807209, dated 29.08.2024 of the proponent to establish 'SJVN Thermal Pvt. Ltd., Buxar Thermal Power Project' at Khata No.- 206,211,307,426,359,338,206,255,51,24 9,70423,244,269,484,205,340,248,192, Plot No./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, Kochandi, Bechanpurwa, Mohanpurwa, Akhauripur, STPL, Buxar Thermal Power Project, Mohanpurwa, Akhouripur Gola, Chausa, Dist.-Buxar-802114; for capacity: Electricity – 1320 MW

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; and
- (iv) Document uploaded by the applicant, Affidavit dated 28.08.2024 submitted by the proponent by the proponent.

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

- (i) That, they shall obtain prior permission from CGWA for installation of bore well and abstraction of groundwater;
- (ii) The proponent shall obtain 'Consent-to-Operate' under sections 25 & 26 of The Water Act, 1974 and Section 21 of The Air Act, 1981 prior to commissioning of the plant from Bihar State Pollution Control Board;
- (iii) That, the proposed unit shall be established as per distance of land marks mentioned in the affidavit submitted online by the applicant or they should maintain minimum distance of land marks like Habitation, Hospital, Govt. School, Highway Road, Railway line, court and river as prescribed in sitting guidelines of the Board;
- (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) That, the unit shall installed adequate fire fighting arrangements in the unit as per the norms of fire fighting department before commissioning of the unit;
- (ix) Online continuous monitoring system for ambient air and effluent shall be installed.

- (x) 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.
- (xi) Ash pond shall be constructed with impervious base with HDP/LDPE Lining for collection of ash slurry.
- (xii) Disposal of bottom ash in abandoned mines, if any, shall be as per the EC.
- (xiii) 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.
- (xiv) A well designed rain water harvesting system shall be developed.
- (xv) The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant.
- (xvi) 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.
- (xvii) Analysis of the raw and treated effluent shall be carried out regularly and report shall be submitted to the Board monthly.
- (xviii) Regular monitoring of ambient air quality shall be carried out as specified in the EC.
- (xix) Compliance report of above conditions shall be submitted to the Board quarterly;
 - (i) That, Tree Plantation shall be done in vacant space of the campus and maintained;
 - (ii) That, in compliance of direction of the Hon'ble supreme court and vide Board's HQ ref no.- 2638, dated 09.07.2019, they shall make provisions for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises;
 - (iii) That, notwithstanding any thing stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under; and
 - (iv) That, this CTE is granted on the basis of affidavit/undertaking up-loaded by the applicant and it is subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the CTE granted, shall be revoked and legal action shall be initiated.

NOTE:

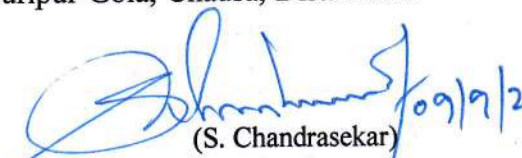
1. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
 2. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed plant but shall be subject to compliance of all the conditions indicated above; and
 3. The NOC, granted, shall be valid for a period of 12 months from the date of issue.
- Issued under the instructions of the Competent Authority.

Sd/-
(S. Chandrasekar)
Member Secretary

Memo No.:- 1957-

Patna, Dated:- 09.9.21

Copy forwarded to:- M/s SJVN Thermal Pvt. Ltd., Buxar Thermal Power Project, Sri Vikas, at Sharma, STPL, Buxar Thermal Power Project, Mohanpurwa, Akhouripur Gola, Chausa, Dist.-Buxar-802114; for information and necessary action.


(S. Chandrasekar)
Member Secretary