



Ref/GSM/ 8/31

Date: 20.09.2014

To,
The Secretary
State level appraisal Committee(SEAC)
Govt. of Utter Pradesh,
Bhimrao Ambedakar Paryavaran Pāriwar
Vineet Khand-1,Gomti Nagar
Lucknow.

Dear Sir,

This has reference to your letter No 996/Parya/SEAC/1745/2013/OSD(T) Dated 07/08/2014 towards Environmental Clearance for Expansion of existing Sugar Mill crushing capacity from 7200 TCD to 1000 TCD along with captive co-generation power plant from existing capacity 9.7 MW to 39.7 MW (bagasse based) within existing Sugar Plant, at Village- Khamaria Pandit, Tehsil- Dhaurahra , Block- Isha Nagar, District- Lakhimpur of M/s Gobind Sugar Mill Ltd., we would like to state that letter is issued in favour of Mr. Ashok Saxena,President-Unit head, while we have applied In name of Mr. Alok Saxena, President –Unit Head Gobind Sugar Mills Ltd Aira. Copy of the original application GSM/EC/5485 dated 08 August.2013 is attached for your ready reference .

You are requested to amend the same and issue fresh EC/corrigendum letter for above, so as to avoid any complication.

Thanking you,

Yours Faithfully
For Gobind Sugar Mills Ltd.


(Alok Saxena)

President/Unit Head

Encl:- As above.

GOBIND SUGAR MILLS LIMITED

Regd. Off: Birla Building, 5th Floor, 9/1, R.N. Mukherjee Road, Kolkata -700 001
Corp Off: 5th Floor, Tower A, Global Business Park, Sec – 26, MG Road, Gurgaon -122002
Phone: 0124 - 482 7800, Fax: 0124 421 2046, Email: gsml.aira@adventz.com
CIN No: L15421WB1952PLC020577, www.gobindsugar.com



Enl.

1- Soft Copy in CD
Ref no-GSM/EC/5485

Dated- 08. August .2013

To

The Secretary

State level appraisal committee (SEAC)
Govt. of utter pradesh
Bhimrao Ambedkar paryavaran parivar
Vineet khand -1, Gomti nagar
Lucknow

Reg : TORs

Sub: Environmental Clearance for the expansion of existing sugar plant from capacity 7200 TCD to 10000 TCD and Captive Co-generation of power from existing capacity 9.7 MW to 39.7 MW bassase based within existing sugar plant premises (INTEGRATED PROJECT)

By, Gobind Sugar Mills Ltd. Vill- Khamaria Pandit, PO- Aira Estate Distt- Lakhimpur-Kheri(U.P.),Pin- 262722 Reg. TORs

Dear Sir,

This has reference to the subject above. We, M/s Gobind Sugar Mills Ltd. are hereby enclosing duly filled FORM-1 for EC along with the pre-feasibility report for expansion of sugar plant from existing capacity 7200 TCD to 10000 TCD and Captive Co-generation of power from existing capacity 9.7 MW to 39.7 MW at existing sugar plant (Gobind Sugar Mills Ltd, Post- Aira Estate, Distt- Lakhimpur Kheri-262722 (U.P.).

We request you to kindly consider expeditiously our application for the grant of EC for the same, we shall be highly obliged.

Thanking You,

Yours faithfully,

For Gobind Sugar Mills Ltd.

(Alok Saxena)

President-Unit Head

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Enl.

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परियोजना की 3 प्रतिमा प्राप्त की। एसईएसी एच एसईआईएसी के सभी सदस्यों को प्रस्ताव/प्रस्तुत अभिलेखों की प्रति अगामी 3 दिन के अन्दर भेजें। एसईआईएसी बैठक का एजेंडा वेबसाइट www.seiaaup.com पर उपलब्ध किया जायेगा। कृपया बैठक की सूचना हेतु वेबसाइट देखें।

14/8/13
डिस्ट्रिक्टर

पर्यावरण निदेशालय लखनऊ

GOBIND SUGAR MILLS LIMITED

P.O.-Aira Estate, Distt.-Kheri (U.P.) PIN -262 722

Tel / Fax: +91-5874-282225

E-mail: gsmi.aira@zuari.adventz.com

Registered Office: 9/1, R.N.Mukherjee Road, Kolkata-700 001

40780

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541. Fax : 91-522-2300 543.

E-mail : docuplko@yahoo.com

Website : www.seiaaup.com

To,

Sri Ashok Saxena,
President- Unit Head,
M/s Govind Sugar Mill Ltd.,
Aira Estate,
Lakhimpur-Kheri-262722

Ref. No. 996/Parya/SEAC/1745/2013/OSD(T)

Date: 07/8 August, 2014

Sub: Environmental Clearance for Expansion of existing sugar Mill crushing capacity from 7200 TCD to 10000 TCD along with captive co-generation power plant from existing capacity 9.7 MW to 39.7 MW (bagasse based) within existing Sugar Plant, at Village-Khamaria Pandit, Tehsil- Dhaurahra, Block- Isha nagar, distrcit- Lakhimpur of M/s Govind Sugar Mill Ltd.,-Regarding.

Dear Sir,

Please refer to your application/letters dated 08-08-2013 & 22-05-2014 addressed to the Secretary, SEAC and Director, Directorate of Environment Govt. of UP on the subject as above. A presentation was made by the representative of the project proponent along with their consultant M/s Sawen Consultancy Services Pvt. Ltd. Lucknow. of the project in State Level Expert Appraisal Committee (SEAC) meeting dated 20-06-2013.

The Project proponent, through documents (submitted to SEAC) and presentation made during meeting, has informed to the SEAC that:-

1. The environmental clearance is sought for Expansion of existing sugar Mill crushing capacity from capacity 7200 TCD to 10000 TCD and captive power co-generation from existing capacity 9.7 MW to 39.7 MW based on the bagasse fuel within existing Sugar Mill Plant (Govind Sugar Mill Ltd., Lakhimpur Kheri.)
2. Salient features of the project are as follows:

S/No.	Item	Details
1.	Total project area	Expansion will be done within existing premises, land is available
2.	Proposed capacity of Expansion of Sugar plant & Power	Expansion of existing cane crushing capacity from 7200 TCD to 10000 TCD along with expansion of Power- 9.7MW to 39.7MW. Project cost: 272 Crore. + 5.44 Crore for CSR activities (@2% of total project profit
3.	Proposed capacity of Power	39.7 MW after expansion

E.C for Expansion of existing sugar Mill crushing capacity from 7200 TCD to 10000 TCD & captive co-generation power plant from existing capacity 9.7 MW to 39.7 MW (Bagasse based) within existing Sugar Plant, at Khamaria Pandit, Dhaurahra, Isha Nagar, Lucknow of M/s Govind Sugar Mill Ltd. Regarding

	generation	
4.	Category of Project	'B' Sugar with power (integrated project)
5.	Raw material	Sugarcane
6.	Quantity of Sugarcane	10,000 MT/day Sugarcane,
7.	Steam requirement	Approx. 220 TPH
8.	Water requirement	Industrial process- 7000 KLPD, Domestic- 20 KLPD
9.	Waste water generation	1000 KLPD
10.	Waste water treatment	ETP based on Activated sludge process by up gradation of the existing ETP
11.	Waste water discharge	ZERO
12.	No of Boilers	Existing- 70 TPH -01 no, Proposed 150 TPH - 01 no
13.	Fuel quality & quantity	Bagasse -1354 TPD
14.	Air pollution control device	ESP (electro static precipitator) in new Boiler. Wet scrubber is reported to be installed in the existing boiler.
15.	No of Stack	Existing attached with existing boiler & 01 for proposed boiler height 72 mtrs
16.	Solid waste generation and its disposal (1) Fly ash from Boiler (2) Bagasse (3) Molasses (4) Press mud	92 TPD will reused in filling of low lying areas or making fly ash bricks 3000 TPD will be used as fuel in own boilers 450 TPD will be sold to the fermentation units/Distillery 350 TPD will be used as fertilizers.
17.	Power Generation	39.7 MW after expansion
18.	Power requirement	10.0 MW in own consumption, rest for export.
19.	Green belt development	Approx. 33-35 % of total area
20.	Cost towards Environmental protection measures(Capital cost)	Approx .Rs 3.0 crores
21.	Recurring cost towards Environmental control measures.	Approx. 50 Lacs per annum
22.	CSR expenses (Corporate social responsibility)	Up to 2% of the project profit i.e. approx. 5.44 crores.

- The proposals are covered under category 5 "j" and 1 "d" of EIA notification dated 14/09/2006, as amended.
- The TOR was issued on vide letter 2098/parya/SEAC/1745/2013 OSD(T) dated 12.10.2013. The EIA report has been submitted vide letter no- 7492 dated 22.05.2014.

Based on the recommendations of the State Level Expert Appraisal Committee Meeting (SEAC) held on 20-06-2014 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held on 22-07-2014 decided to grant the Environmental Clearance to the project subject to the effective implementation of the following general and specific conditions:-

development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deemed to be cancelled.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issue of the clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary. Necessary statutory clearances should be obtained and submitted before start of any construction activity.

These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereafter.

This is to request you to take further necessary action in the matter as per provision of Gazette Notification No. S.O. 1533(E) dated 14.9.2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(J. S. Yadav)

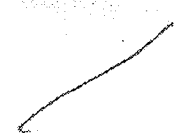
Member Secretary, SEIAA

No..... /Parya/SEAC/1745/2013/OSD(T)

Dated: As above

Copy with enclosure for Information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment & Forests, Govt. of India, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
3. Chief Conservator, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Lakhimpur Kheri.
5. The Member Secretary, U.P. Pollution Control Board, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Dr. R.K. Sardana)
Secretary, SEAC/
Director (I/C), Environment

General Conditions:

1. The project authorities must strictly adhere to the stipulations made by the Uttar Pradesh State Pollution Control Board and the State Government.
2. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, UP.
3. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.
4. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, PM_{2.5}, SO₂ and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to UPPCB/CPCB and Regional Office, of MoEF at Lucknow once in six months.
5. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be recycled in the plant and there shall not be any discharge of industrial waste water as committed by the project proponent during the presentation.
6. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night times).
7. Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.
8. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
9. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
10. As proposed, budget shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of MoEF at Lucknow. The funds so provided shall not be diverted for any other purpose.
11. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
12. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Lucknow, CPCB and UPPCB. The criteria pollutant levels namely; PM₁₀, PM_{2.5}, SO₂, NO_x (ambient levels as well as stack emissions) for the projects shall

be monitored and displayed at a convenient location near the main gate of the company in the public domain.

13. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, CPCB and UPPCB. The Regional Office of MoEF at Lucknow / CPCB / SPCB shall monitor the stipulated conditions.
14. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the Regional Office of the MoEF at Lucknow.
15. The Project Proponent shall inform the public that the project has been accorded Environmental Clearance by the SEIAAUP and copies of the clearance letter are available with the SPCB and may also be seen at Website of the SEIAAUP at seiaaup.com. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Lucknow.
16. Project authorities shall inform the Regional Office of MoEF, Lucknow as well as the SEIAA the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.

Specific Conditions

1. Filter press should be installed to handle the sludge.
2. Two continuous ambient Air Quality Monitoring Station one in up wind and other in predominant wind direction shall be installed immediately after the plant is in operation.
3. Flow measurement device should be installed at the outlet of ETP.
4. Proposed Expansion of cane crushing and co-generation plant to reduce the emission of particulate matter and gasses Electrostatic Precipitator shall be installed and connected with Boiler duct.
5. To control the air emission from power plant a stack of about 72 mts from the ground level for the boiler and 8mt. above ground for DG set would be provided. The SPM emission from the stack shall be less than 150 mg/nm^3 . The exhaust stream from the boiler will be used for the process.
6. For minimizing the escape of SO₂ from the Sulpherisation process, cane juice will be used as scrubber media which will be reused in the process.
7. Total fresh Water requirement shall not exceed 7000 KL/day on 10,000 TCD and shall be met from the ground water through tube well. Waste water generation shall not be more than $1000 \text{ m}^3/\text{day}$ in season and $200 \text{ m}^3/\text{day}$ in off-season. Permission shall be obtained from the Competent Authority for withdrawal of ground water. No additional Bore Well be installed.
8. The process and domestic effluents shall not exceed $1000 \text{ m}^3/\text{d}$ and $16 \text{ m}^3/\text{d}$ respectively. After treatment through Diffusion Based Activated Sludge Process, the waste water will be subjected to Secondary Clarifier and sludge drying bed based on activated sludge process followed by tertiary treatment. The BOD of the treated effluent shall be more than 30 mg/l. About 80% of the treated effluent will be recycled in the process and 20% will be utilized in irrigation. No effluent shall be discharged outside the factory premises and zero discharge shall be strictly followed.

9. Molasses shall be stored in MS tanks or in Pucca Lagoons. The lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per the CPCB/ SPCB recommendation, storage shall not exceed 15 days capacity.
10. The Solid waste generated from the process will be mainly bagasse, filter cake (press mud) and boiler ash. 100 % Bagasse shall be reused as fuel in the boiler and excess bagasse, if any, shall be sent to other sugar plants for power generation. Molasses will be sent to the Distillery unit. Filter cake shall be sent for bio-composting in the Distillery. 32 TPD of Boiler Ash shall be sold to brick manufacturers. Sludge from the scrubber shall be dried and disposed of in the low lying areas. ETP sludge shall be used as fertilizer by the farmers. Used batteries and Waste Lubricating Oil shall be sold to authorized recyclers.
11. Adequate green belt shall be provided all around the plant premises (approximately 33% of total area).
12. The Industry shall take adequate water conservation measures including providing minimum six(06) RWH pits of size 2.34 X 2.34 X 3 at peak rainfall intensity.
13. CREP Guidelines for the Sugar Industries shall be followed by the unit. The capacity of Lagoon shall be as per the CPCB Guidelines.
14. Commitments made during the Public Hearing shall be complied with.
15. Environmental Corporate Responsibility (ECR) plan along with budgetary provision amounting to 2% of total project profit shall be submitted (within the month) on need base assessment study in the study area. Income generating measures which can help in upliftment of weaker section of society consistent with the traditional skills of the people identified. The programme can include activities such as old age homes, rain water harvesting provisions in nearby areas, development of fodder farm, fruit bearing orchards, vocational training etc. In addition, vocational training for individuals shall be imparted so that poor section of society can take up self-employment and jobs. Separate budget for community development activities and income generating programmes shall be specified.
16. The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures and to be removed after the completion of the project.
17. All storm water drain and conveyor belt should be covered.
18. Any litigation pending in the Courts of Law it shall be binding on project proponent.
19. Parking facility should be provided within the project premises.
20. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
21. All the existing boilers of capacities 20 TPH, 25 TPH and 15 TPH shall be dismantled as mentioned during the presentation.

No construction/operation is to be started without obtaining Prior Environmental Clearance. Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.

This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Lakhimpur Kheri. In case of violation, it would not be effective and would automatically be stand cancelled.

You are also directed to ensure that the proposed site is not a part of any no-