

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

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To,

Mr. Rajeev Gupta,
Directors,
M/s Dev Priya Product Limited,
Village- Muzzafarnagar Saini, 8th km.,
Mawana Road, Distt. Merrut, U.P.

Ref. No. 1571/Praya/SEAC/1296/2012/AD(H)

Date: 07 October, 2013

Sub: Environmental Clearance for proposal of Modernization (Chang of Fuel) of Co-Generation Plant of 8 MW at Industrial Area at khasra Nos. 716, 718, 720, 721, 725, 726, 728, 730, 732 & 734 of Vill-Saini, 8th Km. Mawana Road, Meerut - Regarding.

Dear Sir,

Please refer to your application/letter dated 28-07-2012, 20-05-2013 addressed to the Secretary, SEAC & Director, Directorate of Environment, Lucknow. The case was presented by the project proponent along with the project consultant M/s Prakriti Consultants Services, Lucknow, in the State Level Expert Appraisal Committee (SEAC) meeting held on 25-06-2013.

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

1. The modernization (Change of fuel) of Co-Generation plant of 8 MW at industrial area of village-Saini 8th km. Mawana Road, Meerut (UP) is proposed by the M/s Dev Priya Product limited which is engaged in manufacturing of kraft paper and duplex board of different kind with an installed capacity of 320.0 ton/ day (approx.).
2. The environmental clearance is sought for the proposal of Modernization (Chang of Fuel) of Co-Generation Plant of 8 MW at Industrial Area at khasra Nos. 716, 718, 720, 721, 725, 726, 728, 730, 732 & 734 of Vill-Saini, 8th Km. Mawana Road, Meerut. Coordinates:

Long: 29.032739	Long: 29.031445	Long: 29.032233	Long: 29.032270
Lati: 77.784190	Lati: 77.784855	Lati: 77.785413	Lati: 77.783504

3. The main product and raw materials of its industry are kraft paper, Duplex Board and waste Paper, Rice husk, Baggasse and coal.
4. The capacity of industry is 116000 MT per annum. an 8.0 MW captive generation facility is installed. This plant is co-generation plant & generated electricity shall be used only for running the existing pant. The unit runs on electricity from U.P.S.E.B.
5. For present installed capacity approximately 6500 KVA power load is required to run the plant (4000 KVA contactor load of from UPPCL + 2500 KVA power from turbine of their sister concern).

6. The present co-generation plant will provide 8.0 MW extra powers which will be used for power backup of Dev Priya Products Ltd.
7. Mix type of fuel is proposed to be used after modernization of the plant, presently the plant is running only by using biofuels and due the present capacity it was exempted from environment clearance, now due to the increase in coal percentage in fuel combination environmental clearance is required.
8. The main raw material for the co-generation plant is baggasse, coal and paddy. (Rice husk: 20 Ton/ Hr, Baggasse : 9 to 10 Ton/ Hr, Coal: 10 Ton/ Hr) Baggasse is available in abundance from nearby sugar mills & the coal will be imported from Coal India, Varanasi and Allahabad depots,
9. Water requirement is 4554 KLD; sourced from ground water through bore wells.
10. Approximately 75TPD Ash solid waste (ash) is estimated to be generated in the process
11. No Liquid Waste shall be generated in this unit which needs to be treated. The boiler would be requiring approximately 60 KLPH of water which would be treated in the RO plant. Small amount of blow water of boiler shall be sent to the wastewater stream of the parent plant.
12. Raw material as well as finished product shall be transported mainly by Rail and Road.
13. The Elevation is proposed 741 ft. the PM value after electro static precipitation will be ≤ 150 mg/NM3.
14. It is recommended to provide a stack of height not less than 45.0 m above ground level (Calculation is done for 9.0 MT/ Hr of coal consumption).
15. Green area 5401.3 m² (35% of total area). 210 no. of trees will be developed as green belt is within premises, out of which approximately 100 trees is already planted at site.
16. The 5% of total cost of the proposed project is to be implemented under ECR. In which To reduction of non-point pollution, sanitation in slum area of Meerut, care of any nearby school and plantation program time to time are proposed.
17. No public hearing is required as proposal is based at Industrial Area.
18. The TOR to the proposed project was issued by letter no- 3065/SEAC/1296/2012/ADH dated 25-02-2013.
19. The project proponent vide undated letter has submitted the EIA which was received on 16-05-2013.

Based on the recommendations of the State Level Expert Appraisal Committee Meeting held on 25-06-2013 the State Level Environment Impact Assessment Authority in its Meeting held on 30-08-2013 has decided to grant the Environmental Clearance to the project subject to the effective implementation of the following general and specific conditions:-

a. General Conditions:

1. Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS (if any) shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil. Mock drill should also be organized periodically.
2. First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
3. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile

STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

4. The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Level Environment Impact Assessment Authority.
5. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
6. An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the organization.
7. The proponent shall upload the status of compliance of the stipulated environmental 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 MOEF, Lucknow the respective Zonal Office of CPCB and the SPCB & SEIAA.
8. The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.
9. Regional Office of the Ministry of Environment & Forests at Lucknow will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria pollutants levels including NO_x (from stack & ambient air) shall be displayed at the main gate of the power plant and in public domain.
10. Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.
11. The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.
12. Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Lucknow /CPCB/SPCB who would be monitoring the compliance of environmental status.
13. The SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the SEIAA. The SEIAA may also impose additional environmental conditions or modify the existing ones, if necessary.
14. The environmental clearance accorded shall be valid for a period of five years to start operations by the power plant.
15. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
16. In case of any deviation or alteration in the project proposed including Change of fuel from those submitted to this Ministry for clearance, a fresh reference should be made to

the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.

17. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.
18. Comprehensive EIA covered three season data excluding monsoon to be submitted with one year for the date of issuance of Environmental Clearance.
19. Any appeal against this environmental clearance shall lie with the National Green Tribunal Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.

b. Specific Conditions:

1. In case fuel for running the power plant is proposed to be changed from natural gas to other fuel (liquid or solid), the project proponent shall apply for such a change in environmental clearance along with necessary documents as required under EIA notification, 2006 (and its amendments). In such a case the necessity for holding public hearing again or otherwise will be determined by the Authority in consultation with the Expert Appraisal Committee (Thermal Power).
2. No ground water shall be extracted for the project work at any stage as committed.
3. It shall be ensured that the area drainage is not disturbed due to the proposed expansion.
4. Hydro-geological study of the area shall be reviewed annually to assess the sustainability of the source of water particularly in lean season. The review report duly vetted by the concerned Dept. in the state government shall be submitted to the SEIAA & Regional Office, MoEF. In case adverse impact on ground and surface water is observed, immediate mitigating steps to contain the same shall be undertaken.
5. A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation. Continuous monitoring of effluent discharge shall be undertaken and it shall be ensured that when discharge enters the natural drain the temperature of effluent shall be at ambient.
6. The treated effluents conforming to the prescribed standards only shall be reused to the extent possible and excess discharged. Arrangements shall be made that effluents and storm water do not get mixed.
7. Monitoring of ground and surface water quality (if any nearby) shall be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.
8. A well designed rainwater harvesting plan may be drawn in consultation to Central Ground Water Board within a period of three months from the date of issuance of clearance and details shall be furnished. Status of implementation shall be submitted to the SEIAA, CPCB, SPCB and Regional Office, MoEF, Lucknow.
9. Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the SEIAA, CPCB, SPCB and Regional Office of the MoEF, Lucknow.
10. Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA at 1m from the source of noise. For people working in the high noise area, requisite personal protective equipment like earplugs/ear

muffs etc. shall be provided. Workers engaged in noisy areas such as turbine, air compressors etc., shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.

11. NO_x emission from each Gas Turbine shall not exceed 50 ppm.
12. Local employable youth shall be trained in skills relevant to the project for eventual employment in the project itself. The action taken report and details thereof to this effect shall be submitted to the Regional Office of the Ministry and the State Govt. Dept. concerned from time to time.
13. Social Corporate Responsibility (SCR) plan along with budgetary provision amounting to 2% of total project cost shall be submitted within a month on need base assessment study in the study area. Income generating measures which can help in up-liftment of weaker section of society consistent with the traditional skills of the people identified. The programme can include activities such as 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.
14. It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.
15. Green Belt consisting of 3 tiers of plantations around the plant of 50 m width and adequate tree density not less than 2500 per ha with survival rate not less than 80 % shall be developed. In case 50 m width is not possible adequate justification shall be submitted to the regional Office of the Ministry and green belt shall not be less than 33% of the total area.
16. In case diversion of grazing land is involved, an equal area of grazing land shall be developed in a time bound manner in consultation with Forest Department.
17. Project proponent shall provide adequate air pollution control arrangements at all point and non point sources. Electro Static Precipitator(s) having efficiency of not less than 99.9% (with maximum designed emission of particulate matter less than 50 mg/Nm³ in one field out condition) in all the boilers, suitable & effective air pollution control equipments (adequate dust extraction systems such as cyclones/ bag filters) for the control of emissions from processes/ operations and for the control of emission during the handling & transportation of raw materials/coal, fly ash/bottom ash etc. shall be installed before commissioning of the plant and maintained in proper order during operation.
18. Dust extraction and suppression system and water sprinklers shall be provided for controlling fugitive dust during transportation, in coal storage area and other vulnerable areas of the plant.
19. Closed cycle cooling system with cooling towers shall be provided. COC of at least 6 shall be adopted and the effluents shall be treated as per the prescribed norms. Minimum water drawl for makeup purposes shall be ensured.
20. The treated effluents shall be re-circulated and reused within the plant area. There shall be no waste water discharge outside the plant boundary.

21. Regular monitoring of ground water in and around the ash pond area shall be carried out, records maintained and six monthly reports shall be furnished to the Regional Office of this Ministry.
23. The confirmed coal linkage to meet the requirement for requisite quantity of coal for the ultimate capacity shall be obtained before commissioning the project.

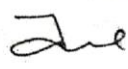
This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Meerut. In case of violation, it would not be effective and would automatically be stand cancelled.

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

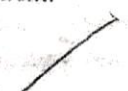
Member Secretary, SEIAA

No. /Parya/SEAC/1296/2013/AD(H)

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, Meerut.
5. The Member Secretary, U.P. Pollution Control Board, PICUP Bhawan, Gomti Nagar, Lucknow.
6. Deputy Director, Regional office, Meerut, Directorate of Environment.
7. Copy to Web Master/ guard file.


(O. P. Varma)

Secretary, SEAC/
Director (I/C), Environment