

No. SEIAA: 16: IND: 2007
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY KARNATAKA STATE

(Constituted by Ministry of Environment & Forests, Government of India)

Department of Ecology & Environment,
Room No.709, 7th Floor, IV-Gate,
M.S. Building, Bangalore-560 001,

Date: 1st July 2008.

To

President
M/s. Shree Renuka Sugars Limited,
BC-105, Havelock Road,
Cantonment,
Belgaum-590 001.

Sir,

Sub: Proposal for expansion of sugar unit from 2500 TCD to 7500 TCD and 20.5 MW to 35.5 MW co-generation plant at Sy. No. 367, Munoli Village, Saundatti Taluk, Belgaum District by M/s. Shree Renuka Sugars Ltd.-Issue of Environment Clearance - reg.

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This has reference to your applications No. SRSL/UNIT-1/Munoli/EE/07-08, dated: 29.06.2007 addressed to the SEIAA and subsequent letter dated: 07.01.2008, 19.04.2008 and 21.05.2008 addressed to SEIAA seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the REIA/EMP, Form 1, Project report and the additional clarifications furnished in response to the observations of the SEAC constituted by the Government of India, in its meetings held on 1st February 2008, 27th March 2008, 17th May 2008 and 30th May 2008.

2. The proposal is for expansion of sugar unit from 2500 TCD to 7500 TCD and 20.5 MW to 35.5 MW co-generation plant at Sy. No. 367, Munoli Village, Saundatti Taluk, Belgaum District, Karnataka State. The fresh water requirement is 117 m³ / day, which will be obtained from Malaprabha river. 2250 TPD Baggase will be used as fuel. It is proposed to install 100 TPH boiler (existing 94 TPH. Total- 194 TPH).

3. The State Environment Impact Assessment Authority, Karnataka State has examined the application, in its meeting held on 27th March 2008 and 13th June 2008, in accordance with the EIA Notification, 2006 and hereby accords environmental clearance under the provisions thereof to the above mentioned M/s. Shree Renuka Sugars Limited, subject to implementation of the following conditions and environmental safeguards.

1. Suitable Air Pollution Monitoring System (ESP/Bag filters) and stacks of appropriate height as per the CPCB guidelines shall be provided to control emissions from various sources and shall ensure emissions levels below the KSPCB prescribed standards. Separate electric meters should be provided to the Air pollution Monitoring System and a separate log book maintained for the daily meter readings and monthly report submitted to concerned Regional Officer, KSPCB & Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.
2. ETP treated water shall not be let out of the industry's premises and should be used for farming/gardening within its premises.
3. Ash generated should be mixed with press mud and composted and used or given to farmers as manure. 100% utilization of ash should be ensured from the date of operation of the plant. The project authorities shall adhere to the provision stipulated in the flyash notification of September, 1999 and as amended in August, 2003 in regard to flyash utilisation.
4. All the conditions stipulated in CFE/CFO issued by Karnataka State Pollution Control Board shall be strictly implemented.
5. Only bagasse should be used as fuel. No other fuels should be used.
6. No ground water shall be drawn for the power plant at any stage. Treated effluents shall be used for sugar cane seed farm/green belt development. There should be no wastewater discharge from the plant.
7. For controlling fugitive dust inside and outside the plant premises and vulnerable areas of the plant and dust extraction and suppression system and water sprinklers shall be ensured.

8. Noise level shall be limited to 75 dBA. For people working in high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
9. Minimum 33 % green area should be developed in the project area. Planting should done with tree density of about 1600 trees per ha.
10. The gaseous emissions (SO_2 , NO_x) and particulate matter from Boilers, D.G. sets and other processes shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation under intimation to the Regional Officer, KSPCB & Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum and shall not be restarted until the desired efficiency has been achieved.
11. Regular monitoring of the air and water quality should be carried out in and around the power plant and records be maintained. Six monthly reports shall be submitted to the SEIAA Karnataka, MOEF Regional Office, Bangalore, Department of Environment and Ecology, Karnataka and Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.
12. Adequate numbers of ground water quality monitoring stations shall be set up around the green belt area. These monitoring stations will be provided with piezometers. The company shall monitor six monthly, the soil and ground water quality in the plant and green belt area to ensure that there shall not be ground water pollution and reports submitted to Ministry's Regional Office/ SPCB/CPCB, Department of Environment and Ecology, Bangalore and the Regional Director (Environment) Department of Ecology and Environment, Government of Karnataka, Belgaum.
13. A master plan for social commitment giving details of proposed works /activities and expenditure year wise to be prepared and submitted to SEIAA and shall be implemented strictly.

14. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Karnataka State Pollution Control Board and Environment and Ecology Department at <http://seiaa.kar.nic.in>.
15. A separate environment and safety management cell with qualified staff shall be set up before commission of construction activities and shall be maintained through out the lifetime of the industry, for implementation of the stipulated environmental safeguards.
16. Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to SEIAA / Regional Office of Ministry of Environment & Forests, Bangalore /CPCB/KSPCB, Department of Environment and Ecology, Karnataka and Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.
17. Karnataka SEIAA/Regional Office of the Ministry of Environment and Forests located at Bangalore/ Department of Environment and Ecology, Karnataka and the Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum will monitor the implementation of the stipulated conditions. Complete set of 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 of MOEF Bangalore/ Department of Ecology and Environment, Karnataka/ SEIAA, Karnataka and the Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum for their use during monitoring.
18. Separate funds should 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, SEIAA Karnataka, MOEF regional Office, Bangalore, Department of

Environment and Ecology, Karnataka and Regional Director, (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.

19. The project authorities should inform the SEIAA, Karnataka/ Department of Environment and Ecology, Karnataka/ Regional Director, (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum/ Regional Office of the Ministry of Environment and Forests 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.
20. Full cooperation should be extended to the Scientists/ Officers from the Ministry/ Regional office of the Ministry at Bangalore/ the CPCB / the KSPCB/ the Department of Environment and Ecology, Karnataka State/ Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum who would be monitoring the compliance of environmental status.
21. Project proponent should be take up specific social commitment made in the letter No. SRSL/Unit-1/Munoli/ECC/08-09 dated: 24th June 2008.
22. The SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry.
23. The environmental clearance accorded shall be valid for a period of 5 years or date of commencement of operation of the power plant, which ever is earlier. In case, the project authorities fail to do so within this stipulated period, this environmental clearance shall stand lapsed automatically.
24. No further expansion or modifications in the plant shall be carried out without prior approval from the SEIAA Karnataka. In case of any deviation or alteration in the project proposed from those submitted to this SEIAA for clearance, a fresh reference should be made to the SEIAA to assess the adequacy of the conditions imposed and to add additional conditions for environmental protection required, if any.

25. 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, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments, the Environment Impact Assessment Notification of January, 2006 and their subsequent manufacture, storage and Import of Hazardous Chemicals Rules, 1989 amendments.

Yours Faithfully,


(ARAVIND JANNU)

Member Secretary,
State Level Environment Impact
Assessment Authority.

Copy to:

- 1) The Secretary, Ministry of Environment & Forests, Government of India, Paryavaran Bhavan, CGO Complex, Lodi Road, New Delhi-110003.
- 2) The Secretary, Department of Environment and Ecology, Government of Karnataka, Bangalore.
- 3) The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
- 4) The CCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, Ivth Floor, E & F wings, 17th Main Raod, Koramangala II Block, Bangalore-560 034, Bangalore.
- 5) Regional Director (Environment), Ecology and Environment Department, Belgaum.
- 6) Guard File.