

MINUTES OF PUBLIC HEARING

M/s. Rashtriya Chemicals & Fertilizers Ltd, Trombay Unit, Chembur, Mumbai proposed project for installation of GTG (Gas turbine generator) 2 x 32MW (ISO) with 2 x 65 MTPH HRSG (Heat Recovery Steam Generation), Public Hearing dated- 19/7/2017 at 11:00 am was conducted at Gangadhar Deshmukh Hall, R.C.F Township, Chembur, Mumbai-74.

The following panel members of the public hearing committee were present.

1. **Shri. Dipendra Singh Kushwah** -Chairman / District Collector & District Magistrate Mumbai Suburban.
2. **Shri. Madhukar R. Lad** - Member / Regional Officer, Maharashtra Pollution Control Board, Mumbai
3. **Shri. Sagar V. Auti** - Convener / Sub Regional Officer, Maharashtra Pollution Control Board, Mumbai III.

The details of the proceeding are as follows-

Shri. S. V. Auti, Sub regional officer, MPCB, Mumbai & Convener welcomed Hon'ble Chairman of the Public Hearing panel; Regional Officer MPCB, Mumbai and industry representatives and Public who were present in good number and informed that as per EIA notification of GoI, MoEFCC dated 14th Sept 2006, as Amended on 01st Dec 2009, it is mandatory to conduct prior Public Hearing to certain Projects which are covered in the Schedule of the said Notification. The Sub Regional officer, MPCB, Mumbai -III was in receipt of application of M/s. Rashtriya Chemicals and Fertilizer Ltd; Chembur, Mumbai for conducting Public Hearing for proposed GTG (Gas turbine generator) - HRSG (Heat Recovery Steam Generation) project copies of EIA reports were submitted to MPCB on 19th May 2017. As per the requirement of EIA notification, one-month advance public notice period was given for public information with notice in local newspapers The "Free Press Journal" for English and "Nav Shakti" for Marathi on 17th June 2017. Copies of EIA report and executive summary were also made available at various important offices.

1. District Magistrate and Collector, Mumbai Suburban.

2. Assistant Commissioner, M-West office, Mumbai Corporation of Greater Mumbai, Chembur, Mumbai.
3. Assistant Commissioner, M-East office, Mumbai Corporation of Greater Mumbai, Govandi, Mumbai.
4. Department of Environment, Government of Maharashtra.
5. Asst. Secretary (Tech), Maharashtra Pollution Control Board Sion, Mumbai.
6. Regional Officer, Maharashtra Pollution Control Board, Govandi, Mumbai.
7. Sub-Regional Officer, Mumbai-3, Maharashtra Pollution Control Board, Govandi, Mumbai.

The public in general were appealed to send any comment, view, suggestion or objection regarding the above project. Convener further informed that the office of Sub regional officer, Mumbai III have not received any question/suggestion on the project.

Shri. Auti, Convener further told that the Member Secretary, MPCB, Mumbai had issued office order dtd. 30/6/2017 for conducting Public Hearing with a panel having District Magistrate as Chairman and Regional Officer MPCB, Mumbai as member. He further informed that question can be asked after completion of presentation which will be replied by project proponent and industry representatives. All proceedings of Public Hearing will be video graphed & the detail report will be submitted along with CD to Ministry of Environment, Forests & Climate Change. (MoEFCC)

Shri. Auti, Convener of the Public Hearing appealed to the Project proponent to proceed with further presentation of Public Hearing.

Shri. Lad, Regional officer, MPCB Mumbai, welcomed MLA Shri. Tukaram Kate and local Corporator of BMC.

Then Shri. Kushwah, Chairman of the committee instructed to start the proceedings of Public Hearing.

On behalf of the project proponent, Shri. A. K. Singh, General Manager of PDIL (Project Consultant) made a presentation on the GTG (Gas Turbine Generator) - HRSG (Heat Recovery Steam Generation) project and Environment Impact Assessment study in detail. It was informed that company has made more than 50 years of service to the Nation for welfare of the farmers to meet the objective of Green Revolution and thereby contributed towards national food security. The company has also acquired prestigious certifications like ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 50001 and Protect & Sustain Protocol Product Stewardship from IFA.

He further elaborated the need and justification for adoption of this project which include Compliance of Govt of India prescribed norms, by reducing specific energy consumption for Ammonia-Urea plants and becoming Self-reliant in meeting power requirement. It was, informed that this project is an energy saving measure and does not

add any pollution load or any new product. This proposed scheme shall reduce 86.05 Gcal/Hr which are equivalent to of 10430.3 Sm³/Hr of gas savings and subsequently, equivalently reduces Co₂ emission by 20 Tonnes/Hr and also natural resources like water is conserved to the tune of 1270 m³/day.

The presentation covered the Environmental status during the study period with respect to metrological conditions, Air quality, Water quality, Noise level, risk analysis and ecology and biodiversity of the area. He further informed the forum that there will not be any specific adverse environmental impact and the components shall be well within the sustainable limit and the project will have positive impact in terms of saving of natural resources like energy and National aquatic resource. He also presented activities carried out by RCF under Corporate Social Responsibility (CSR). Environment Impact Assessment Study is shown in the presentation.

Shri. M. R. Lad, Regional officer, MPCB made the session open for question - answer and invited public to ask question specific to environment of the project and asked them to mention their name and address before starting with the question.

Shri. Dipendra Singh Kushwah, Chairman of the panel committee appealed to general public to give their objections/suggestions on environment related issues if any about the project. He also asked the project proponent to satisfy the questions with suitable replies and mentioned that MOM of the questions and their reply will be prepared and shall be submitted to Ministry of Environment, Forests & Climate Change. (MoEFCC)

The following persons raised the questions.

1) Shri P. P. Chakravarty, Rajkunj Society, Chembur

Question

This is a dedicated small gas based plant. There are people living in surrounding areas and what precautions for emissions and safe guards will be taken that is necessary for the general public while building the project? Whether the project benefits, its impact on pollution and any likelihood of harmful effects on the surrounding community has been reviewed and vetted by the experts?

Answer

The project consultant explained that the said project is an energy saving initiative entailing installation of two GTHRSG units and by virtue of this RCF Trombay unit will become self-reliable in power requirement. With this project, there will be stoppage of one

boiler which will reduce emission level. In addition to this fresh water shall also be conserved. Inbuilt dry NOx burners will control the NOx emission.

It was further informed that study on air quality was carried out using dispersion modelling and it is noted that there shall be no impact even in adverse scenario and area outside factory premises shall not be affected.

2) Shri. V. D. Patil, Kedarnath Building, Chembur

Question

A) Appreciated that RCF has done work since 1975 for greenery development and asked whether RCF is still supporting the plantation drive by distributing saplings to the nearby residents? If not, it may please be revived? He also asked the details of trees planted in last 2 to 4 years.

Answer

The RCF representative Shri. Patnaik informed that a very vital role was played by RCF in Chembur Green Project in the past with plantation of 32 lacs of trees. The same effort is continued with plantation every year & in the last three years, about 14,800 number of trees were planted and 5000 saplings were distributed to various educational institutes, social organization, nearby area like Swami Vivekanand School, Jawahar Vidyalaya Bhavan. Chembur citizen forum, Chembur welfare brigade, various co-op societies etc.

Question

B) He also asked which are the types of trees that shall be planted to absorb the pollutants?

Answer

Trees like Neem, Peepal, Jamun, Bamboo, Banyan, Tulsi, Accacia mangium etc. are particularly good to control emission and they have been planted by RCF at various places.

Chairman of the committee, expressed that survival of the saplings is to be monitored for two years and he asked RCF to get registered under "Maharashtra Green Army" portal and record the details of plantation done by them. This species suitable for absorbing NOx emission. Further he also asked to distribute more no. of such saplings of tree which are particularly good for absorption of pollutants.

The project proponent stated that some of these varieties are already planted and assured that they will get registered in "Maharashtra Green Army" portal and expressed to plant more trees of these varieties.

3) Shri. K. W. Deshpande, Vittasanchay, Chembur

Question

From where the required gas for this project will be taken? And whether any contract is signed for gas supply for this project?

Answer

The project proponent informed that at present gas supply is of two types. For Urea plant, domestic gas which is obtained from Bombay Offshore (APM) and RIL gas is used. For other products imported RLNG gas is used. The project proponent also informed that they have already signed the contract with M/s. GAIL for APM for gas supply and informed that gas can be obtained from any of the supplier for this project.

4) Shri. Suresh Pachgane, Dongare Park, Chembur

Question

A) Whether there will be rise in temperature due to this project?

Answer

The project proponent informed that there will not be rise in temperature as heat of Exhaust gases will be fully recovered in HRSG unit (Heat recovery steam generator) before releasing to the atmosphere. Further to avoid inconvenience in power fluctuation or failure, the proposed project is necessary to be self-reliant and equivalent energy (power) will be available for other users.

It was also clarified that the project shall lead to reduction of emission of CO₂, a Greenhouse gas, and thereby there is no possibility of rise of temperature in the surrounding area.

Question

B) Also asked what is the need of this project is when there is already TATA power Availability?

Answer

RCF is currently dependent on TATA power for its current power requirement, power fluctuation or failure shall lead to stoppage of RCF plants. The proposed

project shall make RCF self-reliant in power , moreover equivalent amount of power will become available for other users.

This project is for reduction in energy consumption which in turn will reduce emission. Government of India has revised the energy norms of urea plants. This project is for using less energy thereby releasing less emission. Use of clean fuel will reduce CO₂ emission to about half of that generated with Coal based sources.

Question

- C) There is a lot of concern about pollution level in Chembur due to various industries and asked what is the need of this project?

Answer

The quality of air in Chembur has improved tremendously and the temperature rise will not be there as the emission will be after heat recovery. This project is for reduction in energy consumption which in turn will reduce emission. Use of clean fuel will reduce CO₂ emission to about half of that would be generated with Coal based source. s.

5) Shri. Sham Chandragiri, Dongre Park, Chembur

Question

Appreciated efforts taken by RCF to improve the environmental condition of Chembur area. He further asked what beneficial schemes RCF is doing for people residing in nearby area?

Answer

The project proponent informed that various CSR activities are undertaken for benefits of the society and nearby residents. Mobile medical van is made available for the needy people in the area. Under Mid-Day meal scheme, about 9000 kids are benefited. Also free saplings are distributed in the nearby area for increasing greenery of the city. Further proponent informed that the organization is always ready to extend the support for good social initiatives.

6) Shri. Anthony Swami, RCF, INTUC Union

Question

Whether this project is economical for employees and what is the payback period? He further asked what will be its impact on wage revision?

Answer

Chairman of the Panel expressed that this is not a forum for discussion on matter related to finance and asked that only Environment related issues will be discussed in this forum.

7) Shri. Tukaram Kate, MLA, Chembur**Question**

A) Expressed his view that the condition of surrounding area of Chembur is very much improved over the years. He emphasized the need to further enhance the sapling distribution drive.

RCF should continue distribution of saplings to the public particularly people of nearby area?

Answer

The project proponent thanked MLA for his suggestions. It was informed that RCF is continuing its effort for enhancing greenery in the nearby area. Collector desired that RCF should initiate this effort in this season so as to take advantage of the present monsoon condition. The project proponent informed that distribution of saplings is still going on.

Question

B) MLA expressed satisfaction that RCF is starting a new project and suggested to do the beautification of Aashish Talav or RCF Talav and asked to incorporate safety measures like providing barricade in that area and open RCF ground for public. He also asked to handover the DP road under RCF area to BMC. He also desired that local people should get employment?

Answer

It was informed by Project proponent that the suggestion regarding the DP Road has been sent to Central Ministry for approval.

Question

C) CSR fund to be spent to provide basic facilities to nearby slum area and for the support of Swachh Bharat mission.

Answer

Project Proponent assured that they shall engage with the surrounding stakeholders and plan for appropriate action.

Shri. Deependra Singh Kushwah, Chairman of the committee asked project proponent to carry out necessary actions for Talav beautification. He also suggested to take necessary steps for arranging basic facilities like for School, Toilet etc. from CSR fund for the public. He asked to speed up the plantation drive and take the advantage of monsoon season.

The Hon. Collector and Chairman of the committee concluded the session & inform that all the questions raised have been addressed by the project proponent and RCF representatives. He further informed that the details of the proceedings have been noted down and the same shall be submitted to Ministry of Environment, Forests & Climate Change (MoEFCC) and he thanks the project proponents for Co-operation given to conduct the public hearing successfully and concluded the hearing.

The public hearing ended with the vote of thanks to chair.



(Shri. Sagar Auti)

Sub Regional Officer,
MPCB, Mumbai-III
And Convener of Public
Hearing Panel



(Shri. Madhukar Lad)

Regional Officer,
MPCB, Mumbai
and Member of Public
Hearing Panel



(Shri. Deependra Singh Kushwah)

Chairman / District Collector &
District Magistrate, Mumbai
Suburban and Chairman of Public
Hearing Panel

