

MINUTES OF ENVIRONMENTAL PUBLIC HEARING IN RESPECT OF PROPOSED EXPANSION PROJECT FOR MS BILLETS/ALLOYS BILLETS PRODUCTION FROM 1,58,400 TPA TO 7,28,400 TPA, TMT BARS PRODUCTION FROM 1,58,400 TPA TO 7,28,400 TPA & ADDITIONAL UNIT FOR PRODUCTION OF FERRO MANGANESE 21,500 TPA/SILICO MANGANESE 18,000 TPA PROPOSED BY M/S. METAROLLS ISPAT PVT. LTD., GAT NO. 48, DAREGAON VILLAGE ADJACENT TO MIDC PHASE-II, JALNA, DIST: JALNA, MAHARASHTRA CONDUCTED ON 15/06/2019 AT 11.00 A.M. AT THE PROJECT SITE OF M/S. METAROLLS ISPAT PVT. LTD., GAT NO. 48, DAREGAON VILLAGE ADJACENT TO MIDC PHASE-II, JALNA, DIST: JALNA, MAHARASHTRA.

An environmental public hearing in respect of proposed **Expansion Project for MS Billets/Alloy Billets Production from 1,58,400 TPA to 7,28,400 TPA, TMT Bars Production from 1,58,400 TPA to 7,28,400 TPA & Additional Unit for Production of Ferro Manganese 21,500 TPA/Silico Manganese 18,000 TPA** proposed by M/s. Metarolls Ispat Pvt. Ltd., Gat No. 48, Daregaon Village, Adjacent to MIDC Phase-II, Jalna, Dist: Jalna, Maharashtra was conducted on 15/06/2019 at 11.00 a.m. at the project site of M/s. Metarolls Ispat Pvt. Ltd., Gat No. 48, Daregaon Village, Adjacent to MIDC Phase-II, Jalna, Dist: Jalna, Maharashtra.

Following panel members were present during the public hearing :

1. **Shri Ravindra Binwade,**
District Magistrate, Jalna,
Dist: Jalna. Chairman.
2. **Shri A.D. Mohekar,**
Regional Officer,
MPCB, Aurangabad. Member.
3. **Shri P.B. Hajare,**
Sub-Regional Officer,
MPCB, Jalna. Convener.

A list of members and public participants present for Public Hearing is annexed herewith. All those present were given welcome by **Dr. Yogini Balankhe** from MPCB, Jalna and then with the permission of the Chairman of Public Hearing Panel she started the proceedings of said hearing and stated that today's Public Hearing has been organized as per MoEFCC, Government of India Notification No. S.O. 1533 dated 14th September, 2006 and amended Notification No. S.O. 3067 (E) dated 01/12/2009 for the proposed **Expansion Project for MS Billets/Alloy Billets Production from 1,58,400 TPA to 7,28,400 TPA, TMT Bars Production from 1,58,400 TPA to 7,28,400 TPA & Additional Unit for Production of Ferro Manganese 21,500 TPA/Silico Manganese 18,000 TPA**. She narrated the procedure to be followed for obtaining environmental clearance by explaining the provisions of the MoEFCC, Government of India Notification No. S.O. 1533 dated 14th September, 2006 and amended Notification No. S.O. 3067 (E) dated 01/12/2009 and Summary of the proposed project right from the date of receipt of application submitted by the Project Proponent for conducting Public Hearing till fresh notice issued by MPCB in the newspapers Daily Lokmat Times (English) and Daily Sakal (Marathi) dated 13/05/2019. She stated that the proposed project of **MS Billets/Alloy Billets Production**

from 1,58,400 TPA to 7,28,400 TPA, TMT Bars Production from 1,58,400 TPA to 7,28,400 TPA & Additional Unit for Production of Ferro Manganese 21,500 TPA/Silico Manganese 18,000 TPA falls under 'A' Category of the said Notification, which requires Environmental Clearance from the MoEFCC, Government of India, New Delhi, hence it is necessary to conduct the public hearing for said project. She further stated that as per the said Notification, the copies of EIA Report and Executive Summary of the proposed project both in English and Marathi were placed at various Government Offices, viz. Collector Office, Jalna, Zilla Parishad, Jalna, District Industries Centre, Jalna, Maharashtra Industrial Development Corporation, Jalna, MPCB at Aurangabad, Mumbai, Jalna, Mantralaya, Mumbai, etc. for studying and people were requested to record suggestions, objections, if any regarding the said project within 30 days from the publicity of advertisement of the said project in the newspapers. But the MPCB offices at Aurangabad, Jalna has not received any objection, complaint, etc. in writing till date. She requested the public participants that if anybody is having any question, objection, suggestion, etc. about the said project, same can be asked and the questions shall be related with environment only, which will be replied satisfactorily. Thereafter, she requested the Project Proponent to brief the technical presentation of their proposed expansion project.

Then, the Project Consultant of the said project, **Shri Rajesh Mankar** from M/s. Sri Sai Manasa Nature Tech Pvt. Ltd. started the power point presentation of the proposed expansion project and stated that as reported by Dr. Balankhe, the Public Hearing has been organized for M/s. Metarolls Ispat Pvt. Ltd. The company has proposed modernization and expansion of **MS Billets/Alloy Billets Production from 1,58,400 TPA to 7,28,400 TPA, TMT Bars Production from 1,58,400 TPA to 7,28,400 TPA** and to establish **Additional Unit for Production of Ferro Manganese 21,500 TPA/Silico Manganese 18,000 TPA** with it. M/s. Metarolls Ispat Pvt. Ltd. (formerly known as Metarolls & Commodities Pvt. Ltd.) is one of the companies in Rajuri Group of Steel Production. The said company is established in the year 2004 as per the Factory Act and engaged in manufacturing of Iron & Steel production for which it is having Consent from MPCB and now, the company has proposed to expand the production capacity of the unit. The company has received the TOR from MoEFCC in December, 2018 and as per the said TOR the Environmental Consultant of the project has prepared the Environment Impact Assessment Report by studying basic environmental quality, project, impact due to the project and mitigation measures to be taken thereof in detail. He showed the photograph of advertisement for public hearing published in the newspapers as per the MoEFCC Notification, Google map of the project site and topographical map of study area within the radius of 10 km. of the project site.

He briefed about the requirement of raw material, source and transportation of the same viz. Scrap – 438480 TPA, Sponge Iron – 310800 TPA, Other Minerals – 15120 TPA, Raw Material for Ferro Manganese – Manganese – 2.1 to 2.4 TPA, Coke – 0.30 TPA, Coal – 0.3 TPA, Dolomite – 0.2 TPA and raw material for Silico Manganese - Manganese – 2.5 to 2.8 TPA, Coke – 0.40 TPA, Coal – 0.40 TPA and Dolomite – 0.2 TPA. The source for the same is other companies/open market and transportation will be by road. The other needs required for the said project are like Electricity – 29.0 MW for existing unit and 26.0 MW for proposed project, Water – 185.0 CMD for existing unit and 180.0 CMD for proposed project (source of water supply - Own Reservoir of the company), Backup Power – 11500 KVA and Fuel – HSD (for both existing and proposed project).

During the course of presentation, **Shri Ravindra Binwade**, the District Magistrate, Jalna & Chairman of Public Hearing Panel stated that the requirement of electricity shown is as

29.0 MW for existing and 26.0 MW for proposed project and asked whether there will be reduction in electricity requirement by 3 MW in the proposed project. **Shri Mankar** clarified that the requirement of electricity for existing unit is 29.0 MW and for proposed project it will be 26.0 MW, i.e. total electricity requirement for both existing and proposed project will be 55.0 MW and likewise, the water requirement for existing unit is 185.0 CMD and 180.0 CMD for proposed project, i.e. total water requirement will be 365.0 CMD. He showed the picture of the own reservoir, which is the source of water supply for the said project. He further briefed about the water requirement for various purposes like for existing unit – Cooling Process – 185.0 CMD, Other Use – 20.0 CMD, To Reduce Dust – 10.0 CMD, i.e. Total – 215.0 CMD and for proposed project - Cooling Process – 180.0 CMD, Other Use – 20.0 CMD, i.e. Total – 200.0 CMD, i.e. total water requirement for existing and proposed project will be 415.0 CMD. The effluent generated will be treated in sewage treatment plant and after treatment it will be used for gardening purpose and total care will be taken in proposed project so as not to discharge any effluent outside the factory premises.

Shri Binwade further asked that how many times production capacity increases as it is mentioned the increase of production from 1,58,400 TPA to 7,28,400 TPA, i.e. 5 to 6 times increase in production capacity, but the use of water is not seen like that. **Shri Mankar** stated that this issue will be briefed by the Project Proponent, upon which **Shri D.B. Soni**, the Project Proponent stated that Dry Cooling Tower system will be adopted, upon which **Shri Binwade** stated that the production increases by 5 times, likewise the water requirement shall also be increased by 5 times and asked to tell whether any alternative arrangement is done, upon which **Shri Soni** reported that the alternative arrangement is Dry Cooling Tower only.

Shri Mankar briefed about the land requirement and stated that M/s. Metarolls Ispat Pvt. Ltd. is having its own land of 19.05 acres and the proposed expansion project will be established in the said land. The existing land use is as Project Area – 6.0 acres. Roads & Open Area – 2.2 acres, Green Belt Development – 6.25 acres and the land required for the proposed project will be 4.6 acres. As reported earlier, he stated that existing electricity requirement is 29.0 MW and for proposed project, it will be 26.0 MW which will be fulfilled from MSEDCL. He stated that 450 workers are already employed in the existing unit and 400 workers will be required for the proposed project, i.e. total manpower will be 850. He showed the Process Flow of the proposed project which involves Raw Material → Melting of Raw Material in Furnace at High Temperature → To Pour Molten Raw Material into Casting Machine → Handing Over to Rolling Stand → Hot Billet Rolling → To put Ready TMT Bars into Cooling Stand → To Check Quality of TMT Bars → Cutting of TMT Bars in different length → Ready TMT Bars Storage in Godown → Supply as per demand of Customers. He further showed the diagram of process and briefed the same as above like to mix the raw material (Sponge Iron & MS Scrap) in a furnace at a temperature of 1650 °C, to send the molten metal into casting machine and then to rolling stand, etc. He showed the photographs of said project site again.

As far as the Baseline Environment Study is concerned, he stated that for knowing the existing condition of surrounding environment, they have carried out baseline environment study within the area of 10 km. radius of the proposed expansion project site during the period from September, 2018 to December, 2018 for air quality, water quality, noise level, soil quality, etc. at various 8 locations, like Project Site, Jalna, Daregaon, Village Bethlam, Siraswadi Selgaon, Nagewadi and Devmurti. He stated that after carrying out the air quality, water quality, soil quality and noise level monitoring at the above locations, it is observed the air quality, noise

level and soil quality in the area is within the prescribed norms. He showed the maps showing the locations of air monitoring, noise level monitoring and soil testing within the area of 10 km. radius of the said project. He stated that for monitoring of water quality, they have collected the surface water and groundwater samples from 8 locations in the project area, analyzed the same and the concentration of various parameters in surface water observed is as pH – 7.2 - 8.1, Total Dissolved Solids – 189.0 - 408.0 mg/l, Total Hardness – 126.0 – 292.3 mg/l, Chlorides – 28.0 – 39.8 mg/l and the concentration of Heavy Metals observed are within the prescribed norms. He briefed the Bio Environment in the project area and stated that the IUCN Red List is the World's most comprehensive inventory of the global conservation status of plant and animal species. It uses a set of criteria to evaluate the extinction risk of thousands of species and subspecies. These criteria are relevant to all species and all regions of the world. With its strong scientific base, the IUCN Red List is recognized as the most authoritative guide to the status of biological diversity. He stated that no any plant is observed in the area of 10 km. radius of the project area, which is recorded in the RED Data Book for Indian Plants. He briefed about the socio economic environment in which the details of total population, number of families, total males, total females, literacy, etc. are included.

Shri Mankar further briefed about the Environment Impact Assessment & Mitigation Measures and stated as follows :

Air Pollution & Mitigation Measures :- 3 Nos. of stacks of 30 mtr. (each) used for air emission will be provided as per CPCB norms and the stack attached to D.G. set will be of 3 mtr. above roof level, stack air emission will be monitored through online monitoring system, the air quality in the surrounding area and stack emission will be maintained regularly, to reduce the dust emission water will be sprinkled and roads in the area will be concretized and regular air monitoring will be carried out in the project area and surrounding area so as to know the concentration of air pollutants/polluted factors in the air are within the limit or not.

Water Quality Management :- The proposed project is based on the Zero Liquid Discharge System due to which not a single drop of water will be discharged in the surrounding area and the waste water generated will be used for tree plantation after treatment.

Noise Pollution Control :- Noise level is measured by using proper mathematic formula, it is expected that the noise level at the project boundary shall be less than 70 dB(A) without any control system, the noise generated from various processes of the project will be controlled by using proper technology and proper maintenance, maintenance and oiling of various machineries will be carried out from time to time, D.G. Set will be provided with acoustic enclosures/noise resistance cover and green belt will be developed in the surrounding area of the project so that these trees will work of barriers to the noise generated from various processes of the project and transportation.

Green Belt Development & Tree Plantation :- The Green Belt will be developed on total 33% area of the project.

He further briefed about the Environment Management Plan and stated that the capital expenditure of the proposed project will be Rs. 10.0 Cr., which includes air pollution control, water pollution control, noise pollution control, environmental monitoring and management, occupational health, green belt development, safety management, laboratory and chemicals and the recurring expenditure for the same will be Rs. 85.0 Lakh per year.

He showed the photographs of various activities Yoga, Marathon, etc. carried out by the existing unit under the Occupational Social Responsibility. He also showed the news appeared in the newspaper under the title Corporate Water Responsibility, "Apla Udyog Aple Pani" regarding good work done by the Project Proponent of using their own water for their factory purpose.

Shri Mankar briefed about the C.E.R. Budget and stated that M/s. Metarolls Ispat Ltd. (MIPA) has made the provision of Rs. 1.5 Cr. under the C.E.R., the calculation of the C.E.R. is done @ 0.75% of the additional capital expenditure as per the MoEFCC OM dated 1st May, 2018, if various demands as per needs received from the people in the surrounding area during the public hearing, same will be agreed. He stated that all the above process will be completed within 10 months from the date of receipt of the permission and then he concluded the presentation of the proposed expansion project.

After concluding the power point presentation of the proposed expansion project by the Project Consultant, **Dr. Yogini Balankhe** requested the public participants that if anybody is having any suggestion, representation, etc. about the proposed project, they may express the same by telling their name and village name, which will be replied by the Project Proponent/Project Consultant.

During the course of public hearing, the public participants and panel members raised certain questions related to the said project and same were answered by the Project Proponent/Project Consultant, which are as below :

1. **Shri Ganesh Tukaram Dhawale**, Grampanchayat Member & Ex. Sarpanch, Daregaon, Dist: Jalna requested to plant 1000 trees with tree guard in their village. **Shri D.B. Soni**, the Project Proponent agreed for the same and stated that as they have carried out the work of river widening in the last year, this year also they will plant the trees with tree guard.
2. **Shri Dhawale**, Sarpanch, Daregaon, Dist: Jalna stated that the said project is very near to their village, hence he requested to give preference to their village for employment, upon which **Shri Soni** reported that most of the people from Daregaon are already employed in their existing factory, some non-working people are engaged in different business, however skilled workers will be taken continuously from Daregaon and also efforts will be taken to provide skill to the unskilled workers in Daregaon as it is very essential to develop the skill because minimum qualification required is ITI and it finds difficult to them to offer a good job to the 10th or 12th Standard persons. He also stated that if there will be some difficulties to the students in the area in taking ITI education, they will help for the same in co-operation with Grampanchayat.
3. **Shri Ganesh Tukaram Dhawale**, Grampanchayat Member & Ex. Sarpanch, Daregaon, Dist: Jalna stated that pollution is more in their village as compared with the other villages and asked about the measures to be taken for the same. **Shri Soni** reported that the modern air pollution control system than the existing plant will be installed in the proposed project, more expenditure will be done for the same and it is proposed in the proposal.

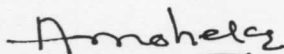
4. **Shri Shrihari Sahebrao Dhawale**, Ex. Sarpanch, Daregaon, Dist: Jalna stated that the Project Proponent has constructed small dams (Bandhare) under the Jalyukt Shivar Abhiyan during the last year in the area, and asked whether such work will be done this year. **Shri Soni** reported that how many water is received, how many benefit is received during the last year, etc. will be seen and if there will be scope behind those dams, such work will be done again this year after their pokland will be free.
5. **Shri Dinkar**, a resident of nearby village Daregaon, Dist: Jalna asked about the benefit to be received to the poor people due to the said project. **Shri Soni** reported that they are carrying out their construction work by using their own sand and they have not bought any other type of sand from last six years. He also reported that they are promoting to use the sand generated from their project as it environment friendly and recently, they have also made collaboration with Roorkey IIT. **Shri Ravindra Binwade**, the District Magistrate, Jalna & Chairman of Public Hearing suggested to make available the said sand to the villagers in Daregaon at concessional rate or free of cost as a benefit to them, upon which **Shri Soni** reported that the sand will be provided at free of cost for any construction in village Daregaon, upon which the villagers of Daregaon present during the public hearing clapped with joy.
6. **Shri Patil**, a Student from ICT, Jalna asked about valuable opinion of the Project Proponent for the disposal management of slag as the slag is generated in huge quantity from steel industries. **Shri Soni** stated that earlier he told that they are disposing the slag by using it in the construction industries and from last six years they have not used a single truck of river sand for themselves, they are also promoting and selling the slag, but now, they will start advertising campaign through newspapers for its popularity so that people can start its use. He stated that the said sand is very good, the silica contents in the said sand is also very good, the strength achieved by this sand is more than the river sand and now they are also collaborating with Roorkey University.
7. **Shri Bhavesh**, a resident of Jalna city asked about the method to reduce air pollution as he noticed air pollution in industrial area. **Shri Soni** stated that he agreed that there is more air pollution in MIDC Area as compared with the air pollution at Highway and clarified that as far as production is concerned, the pollution control equipments are well, but during tapping, some smoke come out, but it can not be captured in system, but it will be captured in the proposed project. **Shri Soni** further stated that ICT College is started in Jalna in which three years are of academy and three years are for working in the industry, so he opined that if all the ICT students worked for three months in Jalna MIDC Area, it will be beneficial to the total Jalna MIDC area
8. **Shri Ravindra Binwade**, the District Magistrate, Jalna & Chairman of Public Hearing Panel pointed out that tree plantation is to be carried on 33% area and most of the times commitment is done for tree plantation on 33% area, but it does not observe like that. Hence, he stated that Maharashtra Pollution Control Board

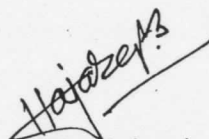
and Forest Department will carry the tree plantation on 33% area of total Jalna MIDC for which the budgetary provision has already been made by the Project Proponent due to which it will manage professionally and the Project Proponent does not need to do something separately because Government will involve in it. He suggested that such proposal shall be submitted by MPCB. He further stated that they (Administration) will direct the Forest Department for the trees to be planted because Jalna is having only 1.29% of forest area, it can not be increased and the Forest Department is having certain limitations to work, but if the Forest Department worked at such places where the tree plantation is mandatory, it will be definitely beneficial for the citizens in Jalna due to which the work of Project Proponent will be lightened and responsibility will be reduced as the Government Department will involve in it and the expenditure will be done from the provision made by the Project Proponent. And therefore, he suggested that Maharashtra Pollution Control Board and Forest Department shall submit such a combined proposal for tree plantation not only for the proposed project but for entire Jalna MIDC. He further pointed out that so many permissions are granted so far, but while coming to this public hearing no such tree plantation is seen. He stated that the Project Proponent has made the provision, then instead of Project Proponent, Forest Department will work because they are expert in the field, there will be no ownership of the Project Proponent in such matter, certain concepts are received which shall be implemented and then he asked the Project Proponent whether he has to say something on this issue, upon which **Shri Soni** stated that the suggestion will be followed.

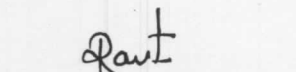
9. **Shri Dhawale**, Sarpanch, Dargaon, Dist: Jalna asked whether medical camp, etc. will be taken in the area, upon which **Shri Soni** stated that they will organize the health camp for the women at the earliest during the "Beti Bachav Campaign" being carried out by them.

Thereafter, **Dr. Yogini Balankhe** stated that as suggested by the Chairman of Public Hearing Panel, a proposal for tree plantation in entire Jalna MIDC Area will be submitted shortly and then with the permission of the Chairman of Public Hearing she concluded the Public Hearing with a vote of thanks to all the public participants

Lastly, the Public Hearing ended with a vote of thanks to the **Chair**.


(A.D. Mohekar)
Member.


(P.B. Hajare)
Convener.


(Ravindra Binwade)
Chairman.

17/7/19