

PROCEEDINGS OF THE PUBLIC HEARING FOR THE PROPOSED 1.0 MILLION TON PER ANNUM INTEGRATED STEEL PLANT ALONG WITH 225 MW CAPTIVE POWER PLANT AT VILLAGE GOKULPUR, P.O. SHYAMRAIPUR, P.S-KHARAGPUR (L), DISTRICT: PASCHIM MEDINIPUR IN WEST BENGAL BY M/S ORISSA METALIKS PRIVATE LIMITED HELD ON 10.02.2020 AT 12:00 HOURS AT MAHASAKTI MAHASANGHA, SATKUI (NEAR BDO OFFICE KHARAGPUR-I), DIST-PASCHIM MEDINIPUR, WEST BENGAL

M/s Orissa Metaliks Private Limited submitted an application to the Member Secretary, West Bengal Pollution Control Board (herein after referred to as the State board) for conducting a Public Hearing for 1.0 Million Ton Per Annum Integrated Steel Plant along with 225 MW Captive Power Plant at Mouja: Amba (J.L. No. 115), Mathurakismat (J.L. No. 114), Radhanagar (J.L. No-98) & Srirampurjia (J.L. No-97), Village Gokulpur, P.O. Shyamraipur, P.S. Kharagpur (L), District: Paschim Medinipur in West Bengal. As per the notification S.O. 1533 dated 14th September, 2006 of the MoEF& CC, Govt. of India, Public Hearing needs to be conducted for the said project for obtaining Environmental Clearance (EC) from the Ministry of Environment, Forest & Climate Change, Government of India.

Accordingly, the State Board after observing all the formalities conducted the Public Hearing on 10.02.2020 at 12:00 hours at Mahasakti Mahasangha, Satkui, P.O. Matkatpur (near BDO Office Kharagpur-I), Dist.-Paschim Medinipur, West Bengal. Sri Uttam Adhikary, WBCS (Exe.), Additional District Magistrate (LR)& DL&LRO, Paschim Medinipur, presided over the hearing. List of the panel members and others present during the Public Hearing is enclosed.

Sri B.Choudhary, IAS,SDO, Kharagpur, Dist-Paschim Medinipur welcomed the audience and gave a brief introduction about the purpose of the Public Hearing and requested the audience to deliver their opinion and thoughts freely.

Dr. P.K. Mondal, Assistant Environmental Engineer & In-charge, Haldia Regional Office, WBPCB, welcomed the panel members and the audience present in the public hearing. He then mentioned about the proposed project, present environmental condition of this locality and the probable impact of the upcoming project on the environment, flora-fauna, vegetation, soil etc. based on the draft EIA report prepared by the NABET accredited Consultant M/s. Envirotech East (P) Ltd., Kolkata. He also requested the Additional District Magistrate (LR) & DL&LRO, Paschim Medinipur to preside over the hearing.

Sri Uttam Adhikary WBCS (Exe.), Additional District Magistrate (LR) & DL&LRO, Paschim Medinipur presided over the hearing and mentioned about the modalities and significance of Public Hearing, which is part of Public Consultation process under EIA Notification, 2006 and its subsequent amendments. He finally directed the project proponent to deliver their presentation in details about the proposed project, giving emphasis on the environmental aspects in particular for the knowledge and awareness of the audience present in the hearing.

NABET accredited Consultant M/s. Envirotech East (P) Ltd., Kolkata engaged by the project proponent narrated the details of the proposed project and the pollution control measures to be taken. The details of the project are presented below:

PROJECT SUMMARY	
Proposed Project	1.0 Million Ton Per Annum Integrated Steel Plant along with 225 MW Captive Power Plant
Project Proponent	M/s. Orissa Metaliks Private Limited

Project Location	Mouza – Amba (J.L. No. 115), Mathurakismat (J.L. No. 114), Radhanagar (J.L. No-98) & Srirampurjia (J.L. No-97), Village – Gokulpur, P.O – Shyamraipur, P.S – Kharagpur (L), Dist. – Paschim Mednipur, W.B. Latitude: 22°21'48.66" N, Longitude: 87°18'13.31" E.			
Main Plant & Product	Sl. No	Particulars of Facilities	Capacity	Product
	1.	Blast Furnace (2 x 450 m ³)	0.7 Million T.P.A	Hot Metal / Pig Iron
	2.	Sinter (1 x 105 m ²)	0.6 Million T.P.A	Sinter
	3.	DRI (2 X 500 TPD + 2 x 350 TPD)	0.5 Million T.P.A	Sponge Iron
	4.	Steel Making Facilities [(20 T EIF X 10) + (20T EAF X 2)] with LRF and oxygen optimized furnace	0.8 Million T.P.A	Billets/ Slab
		Slag Crusher	6 X 20 TPH	Metal Recovery
	5.	Ferro Alloy (FeMn, FeSi, SiMn, FeCr) Plant (10 x 9 MVA)	0.12 Million T.P.A	Ferro Alloys
	6.	Fe-Cr Briquette Manufacturing plant	40 ton/hr	Fe-Cr Briquette
		Jigging Plant	4 X 20 TPD	Metal Recovery
	7.	Non-recovery type Coke Oven Plant	0.5 Million T.P.A (2 x 0.25 MTPA)	Metallurgical Coke
	8.	Lime Dolomite Plant	200 TPD	Lime & Dolomite
	9.	Oxygen Plant	200 TPD	Oxygen
	10.	Hot Rolling Mill	0.35 Million T.P.A	H.R. Coils, Plates/ TMT Bar, Wire Rod & Wire/ Structural long product like- Angel, Channel & Beam
	11.	Cold Rolling Plant with Pickling Line & Continuous Galvanizing	0.35 Million T.P.A	Galvanized Sheet/ Plate/ Coils, Flat Sheet/ Checkered Sheet, Strip & Nail
	12.	Ductile Iron Pipe Unit	0.3 Million T.P.A	DI Pipe
	13.	Captive Power Plant [WHRB Based: 90 MW (56 MW from DRI Plant + 34 MW from Coke Oven Plant) & CFBC (Coal & Dolochar Mix based): 3 x 45 MW]	225 MW	Power
14.	Pellet Plant (4 X 0.9 MTPA)	3.6 MTPA	Iron ore Pellet	
15.	I/O Beneficiation Plant (2x1.8 MTPA)	3.6 MTPA	Iron Ore Concentrate	
16.	Producer Gas Plant (20x7,500 Nm ³ /hr)	1,50,000 Nm ³ /hr	Producer Gas	
Land	The proposed units will be located on a piece of vacant land measuring 121.50 Hectares (300 acres). Greenery will be developed on 99 Acres (33%)			
Project Cost	Rs. 1500.00 Crores.			
Pollution Control Cost	Capital Cost: Rs.90.0Crores; Recurring Cost: Rs. 9.0 Crores/ Annum.			

Make-up Water	850 cu.m/hr (20,400 cu.m/day) Source: Kharagpur Municipality supply, Bore Wells, River and Rainwater Harvesting Pond.	
Proposed air pollution control system	Probable Pollution Sources	Mitigation Measures
	Blast Furnace	
	Blast Furnace Gas Cleaning Plant	Dust catcher (cyclone/Multicyclone) & Bag Filter, OCEMS (PM, SO ₂ & NO _x), Recuperator with Stove gas
	Coal Crushing Unit	Pulse Jet Bag Filter with Stack
	Sinter Plant:	
	De-dusting of waste gases & Raw Material Section	5 Field Electrostatic precipitator (ESP) at Tail & head & Bag Filter, OCEMS(PM), WHRB with Sinter Cooler
	Sponge Iron Plant:	
	Waste Gas from Kilns & Raw Material Section	4 Field Electrostatic precipitator (ESP), WHRB & Bag Filter, OCEMS(PM)
	Steel Melting Shop:	
	Fumes from Furnaces (IF / LRF / AOD)	Fume Extraction System, Hood, Spark Arrestor, Reverse Bag Filter, OCEMS(PM)
	Ferro Alloys Plant:	
	Fumes from Furnaces	Pulse Jet Bag Filter, OCEMS(PM)
	Lime Dolomite Plant:	
	Waste Gas from Kilns & Raw Material Section	4 Field Electrostatic precipitator (ESP) & Bag Filter
	Rolling Mill:	
	Fume from Pickling/Galvanizing Line	Fume Extraction System, Scrubber with Stack
	Ductile Iron Pipe Unit:	
	Fumes from Furnaces	Pulse Jet Bag Filter, OCEMS(PM)
	Pellet Plant:	
	Waste Gas from process & Raw Material Section	4 Filed Electrostatic precipitator (ESP) & Bag Filter, Dry Fog System, OCEMS(PM)
Coke Oven Plant-Dry Quenching type	HPLA (High Pressure Liquid Aspiration), Water Sealed AP Caps, Hydro-jet cleaning for doors and door frame , Coke pushing emission control by guide car mounted hood with spraying arrangement, Hermetically sealed charging sleeves and screw feeder, magnetic lid lifter along with lid and frame cleaning., Computerized combustion control system, Air cooled self-sealing doors.	
Captive Power Plant:		
Dust from the Boilers	5 Field Electrostatic precipitator (ESP), OCEMS (PM, SO ₂ & NO _x)	
Unloading of Coal	Rain Gun Sprinkler / Fogging / Mist Spray	
Coal Handling area	Bag Filter	
Manpower	2500 persons will get direct Employment during operational phase & 5000 persons in-direct employment.	
ESC Expenditure	Rs. 18.50 Crores will be utilized over a period of 5 years.	
Power Requirement	306 MW. Source: From proposed 225 MW Captive Power Plant and balance from WBSEDCL. D.G. Set:10X7200kVA	

Waste Water Discharge:	The plant will be designed on the basis of total zero discharge. The generated effluent will be treated in adequate effluent treatment plant and will be reused in different process operation and for gardening/ landscaping purposes.
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During the discussion, the panel members and the others present in the Public Hearing made queries/ suggestions with respect to the proposed Greenfield project, which are noted below:

Sk. Jame Allam of Kalaikunda G.P, Kharagpur, Paschim Medinipur raised allegation that existing units of same owner-M/s. Orissa Metaliks Pvt. Ltd. and M/s. Rashmi Metaliks Ltd. have not done anything about control of environmental pollution. They have not developed plantation, also dumped solid waste on lands and constructed its boundary wall adjacent to residences of village area. They are utilizing ground water instead of surface water which damages ground water level in the locality. Local villagers are suffering from skin disease due to air pollution. The existing units are destroying the adjacent agricultural lands. Local people also are not getting jobs in the existing factory as the units are taking outside workers.

Sri Barun Karak, President of Gana Paribesh Dushan Pratirodh Committee, Vill-Narayanpur complained in the hearing that local villagers are suffering with dust allergy, skin disease etc. due to environmental pollution caused by existing units of same owners. Dust pollution has been spread up to 10 KM area including Kharagpur & Medinipur town. Local primary health care centre, school building and residential houses are badly affected due to this dust pollution. He also mentioned that after receiving complaint from the Committee, officials from State Pollution Control Board had visited the affected area and hoped they will take appropriate actions against the industry.

Sri Ramesh Mudi of Vill- Shyamraipur, welcomed the proposed project as it will create many new employment for younger generation like him and will lead to improvement in their life. He also requested the project proponent to engage local I.T.I. pass students for their proposed project as well as existing units. He also thanked the project proponent for various CSR activities carried out within nearby villages.

Sri Satadal Banerjee of Malancha Road, Secretary of a local NGO, Kharagpur welcomed the proposed project and is happy with the past C.S.R. activities carried out by the Project Proponent like organizing free Blood Donation, Eye Check-up Camp, Health Awareness Camp, providing free ambulance/fire-fighting tenders service to the local villager, development of toilet to the local Girls School etc. In addition to this, he said that the huge direct/ indirect Job opportunities is being created by existing unit of the project proponent and he is hopeful that more employment will be generated and local youth will be benefited. He also praised the initiative and efforts of the project proponent for Green belt development in nearby village. He also requested the project proponent to provide PPEs to all the workers for their safety purpose.

Sri Raju Mudi of Vill- Mathurakismat and Sri Sukhn Mudi of Vill- Krishnanagar welcomed the proposed project as it will lead to employment generation both in direct and indirect form. However he requested the project proponent to take preventive steps for controlling pollution from the proposed project.

Sk. Kaji Abdul Rashid of Vill- Gokulpur complained that existing units of the project proponent did not comply with the environmental norms. Approx. 30 nos. of villagers are residing just adjacent to the boundary wall of the existing project and they are badly suffering from dust & noise pollution. Construction sites of new project create water logging in rainy season to the nearby villages. He also mentioned that no safety measures for workers have been taken by the project proponent in their existing units. He suggested that more plantations need to be created in the locality and more employment opportunity should be created for the local people.

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ADDITIONAL DISTRICT MAGISTRATE &
D.L. & L.R.O., PASCHIM MEDINIPUR

Sri Ashok Mudi of Vill - Krishnanagar and Sri Lakshi Kanta Dolai of Vill- Chandabilla, welcomed the proposed project as it will create jobs for local people and will lead to improvement in their life. But he requested the project proponent to look into the pollution matter to be generated from the proposed project.

Sk. Isar of Vill -Gokulpur& Sk. Hasmat of Vill -Naryanpur raised the issues related to environmental pollution generated by the existing operational units in the area. They also alleged that new Sponge iron plants will generate more pollution to the locality and also create serious health problem to local residents. They strongly opposed about the construction of additional sponge iron units in this area. They also urged that State Pollution Control Board should take necessary actions against the existing units to control environmental pollution in the area.

Smt. Devi Ghosh of Mahasakti Mahasangha Committee, Kharagpur welcomed the proposed project and said that local people are happy with the development of nearby area because of presence of the existing industry. She also said that from existing operational units, huge direct / indirect employment is being generated which has improved their standard of living. She also emphasized that there is urgent need of more such industries as it will generate more employment. However, she requested the project proponent to take preventive steps for controlling pollution from the proposed project.

Sri Laxmi Kanta Ghorai & Sri Dipankar Jana of Vill - Sadatpur welcomed the proposed project. However he requested the project proponent to take preventive steps for controlling pollution from the proposed project, proper Green Belt Development programme, providing proper PPE's for safety and welfare of the workers of the unit.

Sri Dipak Karak of 4 no. Kalaikunda G.P. stated that they need industry but with proper pollution control facilities. He demanded for uplifting contractual employees to permanent job within the existing units of this group and give priority to the land losers for employment. He also mentioned that dust pollution occurred due to transportation of raw materials without cover and heavy traffic movement by the existing units of the project proponent.

Sri Kali Prasad Dhali & Sri Bachu Ray of Vill - Mathurakismat welcomed the proposed project but with proper pollution control facilities. However they also raised the issues related to dust pollution from existing operational units causing health problem in nearby village.

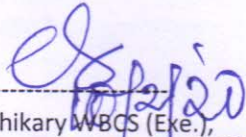
Sri Biswajit Pal of Vill - Gokulpur welcomed the proposed project as it will create jobs for local people and will lead to improvement in their life.

Sri A. Roy, Executive Director of M/s. Orissa Metaliks Private Limited, on behalf of the project proponent stated that sincere efforts would be made to implement all the issues raised by the audience in the Public Hearing. He also ensured that more CSR activities will be carried out in future on a regular basis in all the villages where the unit will come. He also committed that more Experts & Technical persons will be engaged to mitigate pollution problem. Local people will be engaged based on their academic qualification.

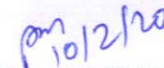

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Sri Uttam Adhikary, WBCS (Exe.), Additional District Magistrate (L.R) and DLL & RO, Paschim Medinipur assured that the deliberations presented by the audience and project proponent in the hearing have been duly recorded and unedited videography of the whole proceedings will be forwarded to the appropriate authorities for their consideration.

Dr. P.K. Mondal, Assistant Environmental Engineer & In-charge, Haldia Regional Office, WBPCB then finally concluded the Public Hearing giving thanks to the panel members and audience for good cooperation to make the public hearing successful.



Sri Uttam Adhikary WBCS (Exe.),
Additional District Magistrate (L.R) & DLL & RO,
Paschim Medinipur
**ADDITIONAL DISTRICT MAGISTRATE &
D.L. & R.O. PASCHIM MEDINIPUR**



Dr. P. K. Mondal
Assistant Environmental Engineer & In charge
Haldia R. O.
West Bengal Pollution Control Board