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**PROCEEDINGS OF THE PUBLIC HEARING OF A PROJECT PROPOSED FOR M/S. SHYAM METALICS AND ENERGY LIMITED FOR EXPANSION OF EXISTING INTEGRATED STEEL PLANT TO FINAL CAPACITY OF SPONGE IRON- 20,54,000 TPA, BILLETS (MILD & ALLOY STEEL)- 23,73,566 TPA, ROLLED PRODUCTS - 15,60,000 TPA, CPP- 308 MW, PELLETS- 30,00,000 TPA, PRODUCER GAS PLANT- 96,450 Nm<sup>3</sup>/Hr, SINTER PLANT- 5,90,625 TPA AND BLAST FURNACE- 3,93,750 TPA AT PANDLOI VILLAGE, LAPANGA, RENGALI BLOCK OF SAMBALPUR DISTRICT HELD ON 31.08.2021 AT 11.00 A.M. AT PANDLOI U.P SCHOOL FIELD, PANDLOI IN THE DISTRICT OF SAMBALPUR.**

Sri Padmanav Behera, Additional District Magistrate, Sambalpur presided over the meeting along with Er. Ramesh Kumar Ekka, Regional Officer, State Pollution Control Board, Odisha, Sambalpur.

At the outset, Er. Ramesh Kumar Ekka, Regional Officer, State Pollution Control Board, Sambalpur welcomed the public present in the meeting. He briefly described the objective of the public hearing conducted as per the provisions of EIA Notification No. S.O. 1533(E) of Dt. 14th September 2006 of the Ministry of Environment and Forests & Climate Change (MOEF & CC), Government of India. He also informed that the date, time and venue for conducting the public hearing meeting of the project proposed for M/s. Shyam Metalics and Energy Limited for expansion of existing integrated steel plant to final capacity of Sponge Iron- 20,54,000 TPA, Billets (Mild & Alloy Steel)- 23,73,566 TPA, Rolled Products - 15,60,000 TPA, CPP- 308 MW, Pellets- 30,00,000 TPA, Producer Gas Plant- 96,450 Nm<sup>3</sup>/Hr, Sinter Plant- 5,90,625 TPA and Blast Furnace- 3,93,750 TPA At Pandloi village, Lapanga, Rengali block of Sambalpur district held on 31.08.2021 at 11.00 A.M. At Pandloi U.P. School Field, Pandloi in the district of Sambalpur was duly advertised in Odia daily "*The Dharitri*", dtd. 30.07.2021 and English daily "*The Times of India*" dtd. 30.07.2021 (**Paper clipping are enclosed as Annexure-I**).

The Addl. District Magistrate, Sambalpur has also briefed about the proposed project and requested the public who were present during the public hearing meeting to express their opinions and views on the proposed project. He also requested the representative of the project proponent to highlight about their proposed project before the public.

On behalf of the project proponent, Shri Mitu Behera, General Manager (Corporate Affairs), M/s. Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar, Odisha has briefed the following points about the proposed project in the public hearing meeting;

1. He stated that, as per the EIA Notification, 2006 it is mandatory to have a Public Hearing for any New/ Expansion/ Modernization project and stated that the company has proposed to have the expansion of existing Steel Plant to Integrated Steel Plant at village- Pandloi, Block- Rengali, Tehsil- Rengali in Sambalpur district for final production capacity of Sponge Iron- 20,54,000 TPA, Billets (Mild & Alloy Steel)- 23,73,566 TPA, Rolled Products - 15,60,000 TPA, CPP- 308 MW, Pellets- 30,00,000 TPA, Producer Gas Plant- 96,450 Nm<sup>3</sup>/Hr, Sinter Plant- 5,90,625 TPA and Blast Furnace- 3,93,750 TPA with a total project (expansion) cost of Rs. 2,759 Crores at the existing Plant premises at village- Pandloi, Block- Rengali, Tehsil- Rengali in Sambalpur district.

The existing plant with 12,00,000 TPA Pelletization, 8,00,000 TPA DRI, 14,44,280 TPA(SMS (EAF and IF with Matching CCM and LRF), 158 MW CPP (CFBC and WHRB), 6,60,000 TPA Rolling Mill (Wire Rod Mill TMT Structural Pipe Mill), 10,00,000 TPA Coal Washery, 2,50,000 TPA Ferro Alloy, 48,450 Nm<sup>3</sup>/hr PGP is operating with the valid permission of State Pollution Control Board, and now the company is going for its expansion and had applied to the Ministry of Environment, Forest & Climate Change (MoEFCC) for Environmental Clearance.

3. The total land of 857.60 Acres, out of which 410.86 acres has been acquired through IDCO. Balance 446.74 acres is under the process of acquisition through IDCO. Before acquisition of the land /area it was single crop Agriculture land. After acquisition it is identified by IDCO (Orissa Industrial Infrastructure Development Corporation) as Industrial Use.
4. The Iron Ore fines, Coal, Coke, Bentonite, Dolomite Fines, Limestone, Chromite Ore and Quartzite are the main raw material for this project. Iron ore fines will be transported from mines of Kandahar mines and Gandhamrdan Mines area by rail. Coal will be transported from Talcher Mine by Rail, Coke will be transported from Talcher by Rail, Bentonite, Dolomite Fines, Kime Stone Chromite Ore and Quartzite will be purchased from local market by Rail/ Road. The total water requirement for the plant is 30,902 m<sup>3</sup>/day (Existing: 17,103 m<sup>3</sup>/day & Proposed: 13,798.68 m<sup>3</sup>/day).
5. The Ministry of Environment & Forests has issued the Terms of Reference for the Environmental Impact Assessment Study on dtd. 14<sup>th</sup> January 2021. The proposed site fulfills all the guidelines prescribed by the Ministry of Environment and Forests for locating the said industry.
6. There will be generation of 4,20,000 TPA of Middling & Rejects from Coal Washery, 27,74,200 TPA of Ash and Accretion & 2,59,180 TPA of Dolochar from DRI Kilns, 2,07,000 TPA of Dedusting dust from Pellet Plant, 88,590 TPA return Sinter Fines from Pellet Plant, 1,18,965 TPA of BF Slag & 1,90,000 TPA of BF Sludge and dust from Blast Furnace, 7,875 TPA of Tar & Tar Oil from PGP Plant, 3,36,450 TPA of Slag and 51,740 TPA of Dust from SMS, 3,00,950 TPA of Fly Ash from FBC Boiler and 35,000 TPA of Bag House Dust & 2,25,000 TPA of Slag from Ferro Alloy Plant. All solid waste generated from this plant including dedusting reused in Pellet Plant, BF Sludge and Dust reused in sinter plant, Tar & Tar oil reused in Pellet plant kiln as the quantities required and remaining will be sold to the authorized recycler and Dust from SMS are recycled in IF. Slag will be used for road making/ land filling and fly ash brick manufacturing.
7. He also mentioned that, no notified ecologically sensitive area, like national park, wildlife sanctuary, biosphere reserve and archaeological monuments exists within 10 km radius of the plant site. The nearest water source is Hirakud Reservoir. Some sponge iron plants and integrated steel plants are operating around the site.

Baseline environmental data generation of study area was carried out during the winter season, (Dec. 2020 to Feb. 2021). The predominant wind direction is from Due North. The average wind speed is <22.9 kmph. Daily Maximum temperature varied from 22.1°C to 22.7°C. The relative humidity is 38.5% to 42.7%. The annual rainfall is 1460.9mm. The PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> and CO levels were monitored at eight locations in the study area. The baseline air quality levels are within the National Standards prescribed for industrial and residential area. Ambient noise levels were also monitored at 8 locations in the study area. The baseline noise levels are well within the National Standards (75 dB(A) during day time in plant premises & 55 dB(A) during day time in Residential area and 70 dB(A) during night time in plant premises & 45 dB(A) in residential area during night time). Ten numbers of surface water samples and eight groundwater samples were collected from the study area for analysis. The water quality is within the permissible limit. No metallic or bacterial contamination was found in the groundwater samples. Six soil samples were collected from the study area and analyzed. The texture of soil is Clayey. The lithology of the study area is divided into Sand stone, Shale, Granite, Reservoir /River. The Core area is completely Granite.

The Southern part of the core area is a combination of Sandstone, Shale, Granite and water body and the Northern Part is also a combination of Sandstone, Shale, Granite and water body. The soil type is classified as Typical Haplustalfs associated with Typic Chromusterts which is deep, moderately well drained, fine soils occurring on very gently sloping upland in granite gneiss landscape with clayey surface and slight erosion, associated with deep, poorly drained, swell shrink soils with clayey surface. The Nitrogen, Potassium and Phosphorus content of the soil are moderate. The pH and conductivity of all the soil samples are within the acceptable range. No Schedule I animal species found in the study area.

10. To maintain air quality water spraying will be done to suppress the dust generated during construction activity. Dense plantation will be made around the plant premises.

#### **Sinter plant:**

- The sinter plant process waste gas and stock house are the two major emission sources, would be fitted with separate DE systems or fume extraction (FE) systems and ESPs with stack of adequate height. Emissions of dioxins and furans would be controlled by adopting waste gas recirculation system and controlling oil content in the recycled mill scales. The clean gas would be vented into the atmosphere through a stack of adequate height.

#### **Pellet Plant:**

- The pellet plant raw material and product handling section would be provided with DE system comprising ESP/bag filters for extracting dust at material transfer point, mills and screening house etc. The exhaust gases from ore drying/grinding and pellet indurations at elevated temperature contaminated with dust particles, sulphur dioxide and oxides of nitrogen would be cleaned by dry gas cleaning systems. Ore drying section would be provided with bag filter and pellet indurations with ESP to

re: ove the particulates. The clean gases would be vented through stack of adequate height.

#### **Blast furnace:**

- The main sources of air pollution would be the stock house and cast house. The BF stock house would be equipped with DE systems complete with ducts, ESP, ID fan and a stack of adequate height. BF cast houses would have a separate fume collection system during tapping of hot metal and slag, which would be similarly collected with FE system and taken into bag filters/ESP for separation of particulates before venting out through a stack of adequate height.

#### **Steel melt shops (SMS):**

- Secondary fumes will be generated at several points during ladle transfer, desulphurization section, raw material charging in the BOF converter/EAF, liquid steel tapping and secondary refining points. All the fumes from each of the shops would be collected separately by FE systems and taken through an ESP/bag house before venting out clean air into the atmosphere through a stack of adequate height.

#### **Rolling mills:**

- The rolling mills will not have major air pollution as clean plant fuel gas would be used in all of them. Although, there will be generation of NO<sub>x</sub>, which would be controlled by optimizing the excess air supply and proper burner design.
- All internal roads will be made pucca. All roads and shop floors will be cleaned regularly. Fugitive dust from coal yard will be controlled using water sprinkling and following guide lines of CPCB and SPCB. Mathematical modeling predicted that the maximum incremental ground level concentration of PM from the project would be 9.07 µg/m<sup>3</sup> (24 Hrs Average) with control measures. The ambient air quality standards of surrounding area will remain well within the prescribed air quality standards. The PM emissions from stack will be maintained at <30 mg/m<sup>3</sup>.
- During Unloading and hauling operations and movement of trucks and dumpers will be properly scheduled to minimize construction noise. Vehicular movement on the village roads will be avoided. Silencers at the duct outlets of the fans and air compressors will be done. Wrapping and filling with noise absorption materials will be done in case of noisy equipment. Skirt boards around the Material Handling Plant, workshop area etc will be used as noise shields. In noisy work areas soundproof duty rooms will be provided. The noise level at the plant boundary will be maintained at 75 dB(A) (day time) and 70 dB(A) (night time) standard.

1. Sedimentation pits with oil separator will be constructed to trap the silt-laden water arising from site offices, canteens and other washing facilities at the construction site. The overflow will be reused for dust suppression. Cooling tower blow down water generated from the plant operation will be reused for ash handling, dust suppression and gardening.

12. The storm water drain will be kept separate from wastewater drains. The storm water drain will have sedimentation pits and oil-water interceptors. The storm water during rainfall will be discharged into nearby nalla after sedimentation.
13. The soil quality of the site and surroundings is calyee. The infiltration rate of the soil is moderate, Coating the wastewater lives with sulphate resistant cement and properly sealing the joints will prevent chances of accidental soil contamination. The entire solid wastes generated from plant will be reused. Coal waste will be used for land reclamation, road making and brick manufacturing. Unutilized coal ash generated will bedisposed in ash disposal area.
14. Dust emission from the plant will be controlled using ESP, GCP and Bag Filters. Gases will be dispersed using tall stacks. All air emissions will be kept within the prescribed standards. The incremental air pollution will be accommodated within the air quality standards. Wastewater and solid waste will be reused. Tree plantation will be done around the plant premises. Such measures will help to protect the surrounding ecology.
15. Huge population reside in the project impact area i.e. 10 km radius of the project site. The national ambient air quality standards prescribed level of air pollutants will be followed to protect public health and vegetation. Air quality dispersion modeling predicted that the ambient air quality will remain within the national air quality standards. Entire wastewater generated from the plant will be reused and no wastewater will be disposed into the outside nalla or rivers without treatment. No toxic chemicals or wastes will be handled in the plant. Since the pollution will be within the national standard there will be no risk to public health from this project.
16. The average labour force will be 3,270 during the construction period. The bulk of labour force will be unskilled and semi-skilled who will be recruited from the surrounding villages. About additional 3,270 people (Managerial - 20 Nos, Executives - 100 nos., Highly Skilled- 1,850 nos., Unskilled - 600 Nos and) will get employment in the plant for expansion project for regular operation. About 1,500 people will get indirect employment from the plant from its ancillary activities. Several infrastructure facilities like schools, hospitals, roads, recreation, communication, etc will be developed in the area. The overall socioeconomic condition of the area will improve.
17. Necessary provisions would be made for routine monitoring of stack emissions, ambient air quality, noise level, and water quality. Development of schemes for water conservation rain water harvesting and reuse of treated wastewater as required by the regulations and for monitoring environment management is implemented. The emission levels from the stack and the ambient air quality around the plant premises will be monitored periodically.
18. Further, the effluent quality and noise levels will also be regularly monitored. Th instruments and the equipment necessary for monitoring will be made available in th

plar. laboratory. The Environment Management Cell will carry out air, water and noise monitoring around construction sites. The monitored data of the stack emissions and ambient air quality will be sent to State Pollution Control Board on regular intervals. Temperature, pH, conductivity and dissolved oxygen testing will be done for wastewater that is reused for gardening.

9. The proposed project has lots of benefits both direct and indirect. 1,850 numbers of skilled, 700 semiskilled, 600 unskilled persons will get direct employment from this expansion project in addition to existing employment of 3,528. During the construction phase, around 20 people on an average are likely to be employed for construction related activity. Several other types of indirect employment opportunity will be developed in the surrounding area due to this project. Transport business, vehicle drivers and attendants, workshops, grocery and retail, medical, school, coaching centers, technical institutes, hotel and restaurants, self-employed persons like tailors, carpenters, plumbers, electricians, etc will get indirect job opportunity. The infrastructure support services like roads, houses, temples, clubs and guest houses, hotels, community centers, etc will be developed as natural link of development. Per Capita Income will improve. It will reduce Public Expenditure of Government on social Consumption Need. It will add to Government Exchequers in the form of various taxes and returns.
20. Environment Management Plan (EMP) is required to be implemented by the plant management in order to achieve better environmental viability of the project. The EMP will establish a framework for the effective management of environmental impacts and ensure the best overall protection of the environment through appropriate management procedures. Capital Cost Rs.139.4 crore has been earmarked as Recurring cost 15.61 crore of EMP/ Environmental Protection Measures. Environmental Management System (ISO 14000) will be instituted in conjunction with this REIA report. Environmental Management during construction phase will be the responsibility of contractor. AIPPL will introduce requisite provisions in the contract documents and the contractor will develop a contract specific plan and designate staff responsible for pollution control. The Environment Management Cell (EMC) will monitor the contractor's obligation for mitigating the environmental impact during construction phase.

Finally, he explained the peripheral developmental work undertaken by the company authority are as follows;

- Construction of PCC Road at Nishanbhanga Village and construction of Temple in Village Meherpara (Babuchakli), Ganeshnagar, Pondloi & Thuti Katarbaga.
- Supply of Drinking Water during Summer season in the various peripheral villages, provision of Bore well for pure Drinking water at Village Charupara, Kaliapara & Terchapara.
- Extended financial help to Village Committee for social and Cultural functions in the villages, provided 41 numbers of Educational Volunteers' in different peripherals schools.

- Cleaning of Ponds in village Nishanbhanga, Rengali Purana Basti, Bousen, Thuti Katarbaga, Menkapara etc. and construction of Community Hall at village Terchapara.
- Construction of Pathway at Ainthapali Chowk To Reliance Fresh (Sambalpur).
- Provision of Street Light at PONDLOI, Nishanbhanga & Kaliapara and provision of water purifier cum water cooler at Homeopathy College, Sambalpur and Rengali Panchayat office.

He also stated that out of total manpower 3528, the local employment is 2822 which are around 80% of total employment. After expansion similar trend of employment of the local people will be considered. Local contractors will be engaged in various activities.

The Addl. District Magistrate, Sambalpur invited the public to offer their views on environmental related issues of the proposed project.

About 150-160 participants have attended the public hearing meeting and out of them 138 participants have put their signature in the attendance sheet whose list is annexed as **Annexure-II**. Out of 32 total 31 persons have registered their name to deliver their views during public hearing and out of them only 21 persons have delivered their views and list is annexed as **Annexure-III**. (Out of total 32 person, only one person did not put his signature in the attendance sheet) and 11 nos. of person have not delivered their views during meeting though they have put their signature in the attendance sheet.

Statements of the public participated in the deliberation during public hearing meeting is as follow:

|    | <b>Name of the Participants and their deliberation on the proposed project.</b>   |
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| 1. | <p><b>Er. Gandhi Behera, Sarpanch, Jangla Gram Panchayat, Jungla:</b></p> <p>He welcomed the project. He stated that before industrialization his village was undeveloped. After establishment of Industry the nearby villages have got developed in many respects as the economy of local region increased. He requested everyone present in the meeting to support and welcome the proposed project. He informed that, if industry establishes then local people will be benefited directly and indirectly. He also added that whenever there is industrialization there will be generation of pollution.</p> <p>He requested the following before the district administration and company authority.</p> <ul style="list-style-type: none"> <li>• For providing employment opportunity to local people in the proposed project as per their educational qualification.</li> <li>• The industry should take all pollution control measures for reduction of the pollution level.</li> </ul> |
| 2. | <p><b>Sri Dibya Ranjan Nayak, Nisanbhanga:</b></p> <p>He welcomed the proposed project and stated that the industry has been running since last 15 years and always working for the benefits of the local people.</p> <p>He requested the following before the district administration and company</p>  |

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|    | <p>authority.</p> <p>For providing employment opportunity to local people in the proposed project as per their educational qualification.</p> <p>The industry should take all pollution control measures for reduction of the pollution level.</p> <p>To focus on local area road construction, creation of village pond, construction of temples in local area and installation of street light.</p> <p>However, he did not signed in the attendance sheet</p>  |
| 3. | <p><b>Sri Narottam Pradhan, Nisanbhanga:</b></p> <p>He welcomed the proposed project with a demand to provided employment opportunity for local people of Nishanbhanga and Rengali village.</p>  |
| 4. | <p><b>Sri Sripati Sandha, Rengali :</b></p> <p>He welcomed the proposed project. He further suggested the industry to utilize the peripheral funds for the development of the local people. The industry should focus on developing local education, employment opportunity of the local youths and public health. Also, he demanded that local contracts should be given priority in developmental work for both inside and outside of the factory premises. He further said that the industry should also take appropriate measures for controlling pollution caused by expansion of the industry.</p>   |
| 5. | <p><b>Sri Santosh Nayak, Ex Sarpanch, Nisanbhanga:</b></p> <p>He welcomed the proposed project. He further suggested to the company authority to give priority to the local employment and to take all the precautionary measures to control the pollution and dust.</p>   |
| 6. | <p><b>Smt. Tanmayee Sahoo, Jharmunda:</b></p> <p>She requested before the company authority to provided employment opportunity to each and individual house hold and also give the work to their SSG group as they are also ready to work for the company. The industry should give employment to female person also rather than only male in the project.</p> <p>Finally, she welcomed the proposed project.</p>  |
| 7. | <p><b>Sri Shivam Biswal, Pandloi:</b></p> <p>Not delivered.</p>  |
| 8. | <p><b>Sri Antarjyami Pradhan, Jharmunda:</b></p> <p>He welcomed the proposed project. He stated that the village Pandoloi is in Rengali block. The industry was a child and it grows during the time and now is in youth stage. He suggested the industry to increase the peripheral developmental work. The local people should be engaged under company pay roll rather than contractor pay roll. He further stated that the industry should also focus on women empowerment /development rather than only men. He urged before the company authority to provided proper medical staff for local health checkup of the villagers, the industry should also provide some entertainment in nearby villages and it should have prime focus on economic development of the local people.</p> |



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| 9.  | <b>Sri Bibhuti Seth, Pandloi:</b><br>Not delivered.  |
| 10. | <b>Sri Radhakanta Pattanaik, Rengali :</b><br>He expressed his satisfaction that the company is doing good work for the peripheral area and local people but he requested the industry authority to provide employment on company payroll instead of engaging them under the contractor. He further requested to encourage the local contractors by giving them priority while granting contract works.  |
| 11. | <b>Sri Bidyadhar Nikhandia, Pandloi :</b><br>He welcomed the proposed project and demanded to provide the safe drinking water supply in their Pandloi village where there is a water scarcity. He also demanded before the company authority provide employment opportunity to the local people and take appropriate pollution control measures for controlling dust pollution.  |
| 12. | <b>Sri Prakash Chandra Behera, Rengali :</b><br>He welcomed the proposed project with a demand for developmental work in Rengali village viz. construction and maintenance of road works, installation of street lights etc.   |
| 13. | <b>Sri Swagat Kumar Parida, Rengali :</b><br>He welcomed the proposed project. He expressed his pleasure over the developmental work already undertaken by the company authority. He stated that many local people have engaged in company pay roll or through contractor pay roll. He further put forth his demand to give priority to the developmental work like street lights of the peripheral areas specifically in Rengali area.  |
| 14. | <b>Sri Prakash Maharana, Rengali :</b><br>Not delivered.   |
| 15. | <b>Sri Rajat Kumar Sahu, Rengali :</b><br>Not delivered.   |
| 16. | <b>Sri Subash Biswal, Ex chairman, Rengali Block:</b><br>He welcomed the proposed project. He informed that this is an expansion project of the industry and not a new project. He demanded for providing 70% employment opportunity to the local people in the proposed project. He expressed his dissatisfaction towards CSR funds which are utilized outside the peripheral areas by the company authority instead of utilize in local area and hence, he demanded that 70% of the total CSR funds is to be utilized in the peripheral villages, 20 % should be utilized in Sambalpur district and rest 10 % in Bhubaneswar. He also requested to the district administration to issue directions to the industry in that regard. He Finally welcomed the proposed project. |
| 17. | <b>Sri Bikash Soren, Rengali :</b><br>Not delivered.   |
| 18. | <b>Sri Hemasagar Badi, Pandloi :</b><br>Not delivered.   |

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| 19. - | <b>Sri Binod Biswal, Pandloi :</b><br>Not delivered.  |
| 20.   | <b>Sri Deepak Gardia, Rengali :</b><br>Not delivered.   |
| 21.   | <b>Sri Dipak Naik, Rengali :</b><br>Not delivered.  |
| 22.   | <b>Sri Sudhir Gupta, Lapanga :</b><br>He welcomed the proposed project. He informed that the proposed expansion project of the company will be highly benefited for the local people. He demanded for the installation of street lights on road approaching from plant road to Pandloi village road (SH-10) to avoid accidents. He further requested before company authority to take precautionary measure to control dust pollution near SH 10 area, adjacent the factory area.   |
| 23.   | <b>Smt. Pankajini Rout, Pandloi:</b><br>She welcomed the proposed project. She demanded to provide employment opportunity for local people specifically to Nishanbhanga village, Pandloi village and Rengali block. She expressed her satisfaction and stated that the company authority has provided financial assistant to the village girl on her marriage. She also expressed her pleasure that the Company have constructed a mandap in Pandloi village on request of villagers. She reiterated that the ongoing expansion of the project will highly benefit the local people. She further demanded for the development of Budharaja temple area in Pandloi village and also to construct a park with borewell to meet the water requirement of that locality. She also demanded before the industry to take precautionary measures for controlling dust pollution.<br>She again welcomed the proposed project. |
| 24.   | <b>Sri Narayan Sharma, Rengali:</b><br>He welcomed the proposed project. He stated that as the Hon'ble Chief minister wants to make Odisha hub of steel making so he supported the project. He endorsed the statement of his previous speaker and demanded that the CSR fund must be utilized in the Panchayats of Nishanbhanga, Jangla and Rengali as these Panchayats are peripheral areas of the industry and these panchayats have been supporting the company since its establishment. He urged before the district administration to conduct such public hearings in different villages of the peripheral in regular intervals preferably once or twice in a months so that the local people can raise their grievances for its redressal and pollution related problems can be resolved.   |
| 25.   | <b>Sri Tulsi Das Oram, Salat:</b><br>He welcomed the proposed project. He said that the local people to be engaged under company pay roll rather than contractor pay roll.  |
| 26.   | <b>Smt. Sabitri Oram, Kaliapada:</b><br>She expressed her grievances over non availability of drinking water, public toilet, house to needy person, proper road facility connecting to their village, absence of any pond in their village for bathing and other use of the villagers. She demand for providing bore well in their village kaliapada.   |

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| 27. | <b>Smt. Aruna Oram, Pandloi:</b><br>She expressed her grievances over non-availability of drinking water. She pressed demand for constructing bore well in order to supply drinking water to the local village and construction of pond and roads in their village Pandloi.  |
| 28. | <b>Sri Toffan Meher, Ramchandra Nagar :</b><br>Not delivered.  |
| 29. | <b>Sri Bhagban Paule, Ramchandra Nagar :</b><br>Not delivered.   |
| 30. | <b>Sri Prasant Panda, Salad:</b><br>He stated that expansion of the industry will bring more development in the local area and more employment opportunity to the local people. He stated that public hearing means a tri-party agreement in which the industry committed for employment of local people and development of local area and it should be fulfilled by the industry. However, he apprehended that due to the proposed expansion the pollution level may enhance specifically water pollution and hence, he requested the company authority to take necessary precautionary measures to keep the pollution under control. He also suggested to form a committee with local representatives to resolve all issues related to pollutions. |
| 31. | <b>Sri Benudhar Meher, Pandloi:</b><br>He welcomed the proposed project. He stated that when the industry started in this area there was many objections, however, the industry has resolved every issue related to local people. He expressed his satisfaction and thanked the company authority to lend its hand of support to the needy villagers whenever they require any help from the company authority. He said that the proposed expansion of the project will benefit the local people.  |
| 32. | <b>Smt. Jamini Budhia, Pandloi :</b><br>She welcomed the proposed project. She demanded before the company authority to provide computers, table, chair for village school. She further demanded to provide financial assistance to private teacher during Covid period who are not getting salary during the pandemic period. She urged before the district administration to reopen all the educational institutions which are closed due to pandemic situation.   |

During public hearing meeting about 45 nos. of written statement have been received from the participants and most of them have supported the proposed project with a demand to provide employment opportunity to the local people in the proposed project and developmental work in the periphery is enclosed as **Annexure-IV**,

Summary of the points raised by the participants in the public hearing are being read out by the Regional Officer, State Pollution Control Board, Sambalpur and same in English and Odiya (vernacular language) is enclosed as **Annexure-V (A & B)**.

After the completion of the deliberation process the Addl. District Magistrate (Revenue), Sambalpur invited the representatives of M/s. Shyam Metals and Energy Limited

Give a brief note on the issues related to the demand and grievances of the participants raised in the public hearing meeting.

On behalf of the project proponent, Sri. D. K.Tiwari, Director of M/s. Shyam Metalics Energy Limited, Sambalpur has responded on the issues raised by the participants during public hearing. Same in English and Odiya (vernacular language) are also given in Annexure-VI (A& B). The video recording of the entire proceeding of the public hearing is enclosed as **Compact Disc (CD)**.

After the above-mentioned deliberation, the Addl. District Magistrate, Sambalpur has announced the completion of public hearing over the proposed project and the Regional Officer, State Pollution Control Board has proposed the vote of thanks to the Chair as well as the Participants present during the public hearing.

The meeting ended with vote of thanks to the Chair.



**Er. Ramesh Kumar Ekka**  
Regional Officer,

**State Pollution Control Board, Odisha, Sambalpur**  
(Assisted as representative of SPCB, Odisha)



**Sri Padmanav Behera, OAS (S)**  
**Addl. District Magistrate, Sambalpur**  
(Presided and supervised over the  
PublicHearing meeting)



No. 10364/

# NOTICE

It is brought to the notice of all concerned that **M/s Shyam Metalics and Energy Ltd.** has proposed to have Environmental Assessment for **expansion of existing Integrated Steel Plant to final capacity of Sponge Iron - 20,54,000 TPA, Billets (Mild & Alloy Steel) - 23,73,566 TPA, Rolled product - 15,60,000 TPA, CPP - 308 MW, Pellets - 30,00,000 TPA, Producer Gas Plant - 96,450 Nm<sup>3</sup>/Hr, Sinter Plant 5,90,625 TPA and Blast Furnace - 3,93,750 TPA at Pandloi village, Lapanga Block of Sambalpur District to obtain Environmental Clearance from the Ministry of Environment, Forest and Climate Change, Govt. of India. The proponent has applied to the State Pollution Control Board, Odisha, Bhubaneswar for a Public Hearing.**

By virtue of Ministry of Environment, Forests & Climate Change, Government of India Notification No. S.O. 1533 (E) Dtd. 14.09.2016, the Board has been authorized to conduct environmental public hearing and as such invites suggestions, views, comments and objections on matters relating to environmental aspects of the proposed project located at the proposed site/sites of displacement/sites likely to be affected. For the above purpose, a person will only mean:-

- A. Any person who is likely to be affected by the grant of Environmental Clearance
- B. Any person who owns his control over the project with respect to which an application has been submitted for environmental clearance.
- C. Any association of persons whether incorporated or likely to be affected by the project and/or functioning in the field of environment
- D. Any local authority within any part of whose local limits is within the neighbourhood wherein the project is proposed to be located.

Persons as above are desired to submit their views, comments, objections, etc. in writing to the Board in writing within 30 days from the date of publication of this notice. The same may be submitted to the Member Secretary, State Pollution Control Board, Odisha, Bhubaneswar. Besides this, persons interested to submit their views, comments, etc. may do so during the public hearing or orally at 11.00 A.M. at Pandloi U.P. School Field, Pandloi village, Lapanga Block, Sambalpur. Public hearing shall be conducted strictly observing and complying with COVID - 19 pandemic restrictions issued by the MoEF&CC, Govt. of India vide OM No. 22-25-IA, III, dated 09.06.2021 as well as Govt. of Odisha.

Persons desirous of participating in the public hearing may go through the Environmental Impact Assessment Report/Environmental Management Plan (EMP) of the said project which will be available at the following offices. Copy of the Executive Summary in English is also available in the following offices & the same can also be downloaded from [www.spccb.org](http://www.spccb.org) free of cost.

- 1. District Office, Pandloi, Zila Parishad, Sambalpur.
- 2. District Office, Sambalpur, State Pollution Control Board, Odisha, Parivesh Bhawan, in the name of the State Pollution Control Board, Odisha, Bhubaneswar -12.
- 3. District Office, Sambalpur, State Pollution Control Board, Odisha, Sambalpur.
- 4. Regional Office, State Pollution Control Board, Odisha, Bhubaneswar.
- 5. Department of Forest & Environment, Govt. of Odisha, Bhubaneswar.
- 6. Regional Office, State Pollution Control Board, Odisha, Bhubaneswar.

Sd/-  
MEMBER SECRETARY

The Times of India dt. 30.07.2021 S

**POINTS RAISED BY THE PUBLIC DURING THE PUBLIC HEARING OF M/S. SHYAM METALICS AND ENERGY LIMITED CONDUCTED ON 31.08.2021 FOR EXPANSION OF EXISTING INTEGRATED STEEL PLANT TO FINAL CAPACITY OF PELLETS- 30,00,000 TPA, SPONGE IRON- 20,54,000 TPA, SINTER PLANT- 5,90,625 TPA, BLAST FURNACE- 3,93,750 TPA, BILLETS (MILD & ALLOY STEEL)- 23,73,566 TPA, ROLLED PRODUCTS - 15,60,000 TPA (ROLLING MILL), CAPTIVE POWER - 308 MW AND PRODUCER GAS PLANT- 96,450 NM<sup>3</sup>/HR LOCATED AT VILLAGE PANDLOI, RENGALI TAHSIL IN THE DISTRICT OF SAMBALPUR ON 31.08.2021 AT 11.00 AM AT PANDLOI U.P SCHOOL FIELD, RENGALI TAHSIL OF SAMBALPUR DISTRICT.**

The public raised the following issues and apprehensions for readdressed by the project proponent.

1. Adequate pollution control measures should be taken in the proposed project so that local people should not get affected due to the environmental pollution from the proposed project.
2. Provide an employment opportunity to the local people in the proposed project as per their educational qualifications.
3. The company authority should construct and maintain village roads and village pond.
4. The company authority should provide street lights in the localities for welfare of the local people under CSR funds.
5. The company authority should provide drinking water supply to the local Villages.



**Er. Ramesh Kumar Ekka**  
Regional Officer,

State Pollution Control Board, Odisha, Sambalpur  
(Assisted as representative of SPCB, Odisha)



**Sri Padmanav Behera, OAS (S)**  
Addl. District Magistrate, Sambalpur  
(Presided and supervised over the Public  
Hearing meeting)

ମେମର୍ସ ଶ୍ୟାମ ମେଟାଲିକ୍ସ ଏବଂ ଏନର୍ଜି ଲିମିଟେଡ଼ର ସଂପ୍ରତି କ୍ଷାତ କାରଖାନାର ସଂପ୍ରସାରଣ ସ୍ୱତ୍ତ୍ୱ ଆଇରନ୍ - ବାର୍ଷିକ ୨,୦୫ ୪୦୦୦ ଟନ୍ , ବିଲେଟ୍ ( ମାଇଲ୍ସ ଏବଂ ଆଲୋଏ ଷ୍ଟିଲ ) ବାର୍ଷିକ ୨୩,୭୩,୫୭୭ ଟନ୍ , ରୋଲ୍ଡ ଉତ୍ପାଦକ - ବାର୍ଷିକ ୧୫,୬୦.୦୦୦ ଟନ୍, କେପ୍ରିଭ ପାୱାର - ୩୦୮ ମେଗାୱାଟ୍, ପେଲ୍ଲେଟ୍ସ - ବାର୍ଷିକ - ୩୦,୦୦,୦୦୦ ଟନ୍, ପ୍ରୋଡ୍ୟୁସର ଗ୍ୟାସ୍ ପ୍ଲାଣ୍ଟ ୯୭,୪୫୦ ନର୍ମାଲ ଘନ ମିଟର / ଘଣ୍ଟା, ସିଣ୍ଡର ପ୍ଲାଣ୍ଟ - ବାର୍ଷିକ ୫,୯୦,୨୨୫, ବ୍ଲାଷ୍ଟ ପାୱାର୍ସ ବାର୍ଷିକ - ୩,୯୩,୭୫୦ ଟନ୍ କୁ ସଂପ୍ରସାରଣ କରିବା ପାଇଁ ସମ୍ଭାବ୍ୟ ଜିଲ୍ଲା ଅନ୍ତର୍ଗତ ରେଙ୍ଗାଲି ତହସିଲ ପାଣ୍ଡୋଲୋଇ ଉ. ପ୍ରା. ବିଦ୍ୟାଳୟ ପଡ଼ିଆ, ତାରିଖ ୩୧.୦୮.୨୦୨୧, ସମୟ ଦିବା ୧୧.୦୦ ଘଟିକାରେ ହୋଇଥିବା ଜନଶୁଣାଣି ସଭାରେ ଜନସାଧାରଣଙ୍କ ଦ୍ୱାରା ଉଠାଯାଇଥିବା ବିଭିନ୍ନ ପ୍ରସଙ୍ଗ ଉପରେ ମତାମତ ନିମ୍ନରେ ପ୍ରଦତ୍ତ କରାଗଲା ।

- (୧) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପରେ ପ୍ରାର୍ଥୀଙ୍କ ପରିମାଣରେ ପ୍ରଦୃଷ୍ଟ ନିୟନ୍ତ୍ରଣ ପଦକ୍ଷେପ ଗ୍ରହଣ କରିବା ଉଚିତ୍ ଯାହା ଦ୍ୱାରା ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପରୁ ପରିବେଶ ପ୍ରଦୃଷ୍ଟ ହେତୁ ସ୍ଥାନୀୟ ଲୋକ ପ୍ରଭାବିତ ହେବେ ନାହିଁ ।
- (୨) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ ସେମାନଙ୍କର ଶିକ୍ଷାଗତ ଯୋଗ୍ୟତା ଅନୁଯାୟୀ ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପରେ ସ୍ଥାନୀୟ ଲୋକଙ୍କୁ ନିଯୁକ୍ତି ସୁଯୋଗ ପ୍ରଦାନ କରନ୍ତୁ ।
- (୩) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ ସ୍ଥାନୀୟ ଲୋକଙ୍କ ସକାଶେ ଗ୍ରାମ ରାସ୍ତା ଏବଂ ଗ୍ରାମ ପୋଖରୀ କରିବା ପାଇଁ ପଦକ୍ଷେପ ନେବେ ।
- (୪) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ ସ୍ଥାନୀୟ ଲୋକଙ୍କ ସକାଶେ ଗ୍ରାମ ରାସ୍ତା ଆଲୋକକରଣ କରପରେର୍ ( CSR funds ) ଯୋଗାଇବା ପାଇଁ ପଦକ୍ଷେପ ନେବେ ।
- (୫) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ ସ୍ଥାନୀୟ ଗ୍ରାମବାସୀ ମାନଙ୍କପାଇଁ ପାନୀୟ ଜଳ ଯୋଗାଇବା ପାଇଁ ଦୃଢ଼ ପଦକ୍ଷେପ ନେବେ ।

( ଇ. ରମେଶ କୁମାର ଏକ୍ସ )  
ଆଞ୍ଚଳିକ ଅଧିକାରୀ  
ରାଜ୍ୟ ପ୍ରଦୃଷ୍ଟ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା

( ଶ୍ରୀ ପଦ୍ମନାଭ ବେହେରା )  
ଅତିରିକ୍ତ ଜିଲ୍ଲାପାଳ  
ସମ୍ବଲପୁର



**POINT WISE REPLY OF THE PROJECT PROPONENT AGAINST THE ISSUES RAISED DURING THE PUBLIC HEARING OF M/S. SHYAM METALICS AND ENERGY LIMITED CONDUCTED ON 31.08.2021 FOR EXPANSION OF EXISTING INTEGRATED STEEL PLANT TO FINAL CAPACITY OF PELLETS- 30,00,000 TPA, SPONGE IRON- 20,54,000 TPA, SINTER PLANT- 5,90,625 TPA, BLAST FURNACE- 3,93,750 TPA, BILLETS (MILD & ALLOY STEEL)- 23,73,566 TPA, ROLLED PRODUCTS - 15,60,000 TPA (ROLLING MILL), CAPTIVE POWER - 308 MW AND PRODUCER GAS PLANT- 96,450 NM<sup>3</sup>/HR LOCATED AT VILLAGE PANDLOI, RENGALI TAHSIL IN THE DISTRICT OF SAMBALPUR ON 31.08.2021 AT 11.00 AM AT PANDLOI U.P SCHOOL FIELD, RENGALI TAHSIL OF SAMBALPUR DISTRICT.**

1. The project proponent has proposed to adopt adequate pollution control measures in the proposed project in order to minimize the environmental pollution to the surrounding areas.
2. The company authority has committed to provide an employment opportunity to the local people in the proposed project as per their educational qualifications.
3. The company authority has assured to provide village roads and village pond.
4. The company authority has assured to provide street lights in the locality for the welfare of the local people under CSR funds.
5. The company authority has assured to provide drinking water supply to Village local villages.



**Er. Ramesh Kumar Ekka**  
Regional Officer,  
State Pollution Control Board, Odisha, Sambalpur  
(Assisted as representative of SPCB, Odisha)



**Sri Padmanav Behera, OAS (S)**  
Addl. District Magistrate, Sambalpur  
(Presided and supervised over the Public  
Hearing meeting)

Annexure- VI(B)

ମେମର୍ସ ଶ୍ୟାମ ମେଟାଲିକ୍ସ ଏବଂ ଏନର୍ଜି ଲିମିଟେଡ଼ର ସଂପ୍ରତି ଇସ୍ତାତ କାରଖାନାର ସଂପ୍ରସାରଣ ସ୍ତମ୍ଭ ଆଇରନ୍ - ବାର୍ଷିକ ୨,୦୫ ୪୦୦୦ ଟନ୍ , ବିଲେଟ ( ମାଇଲ୍ସ ଏବଂ ଆଲୋଏ ସିଲ ) ବାର୍ଷିକ ୨୩,୭୩,୫୭୭ ଟନ୍ , ରୋଲ୍ସ ଉତ୍ପାଦକ - ବାର୍ଷିକ ୧୫,୨୦.୦୦୦ ଟନ୍, କେପିଉ ପାହାର - ୩୦୮ ମେଗାହାର୍ଟ୍, ପେଲ୍ଲେଟ୍ସ - ବାର୍ଷିକ - ୩୦,୦୦,୦୦୦ ଟନ୍, ପ୍ରୋଡ୍ୟୁସର ଗ୍ୟାସ୍ ପ୍ଲାଣ୍ଟ ୯୭,୪୫୦ ନିର୍ମାଣ ଘନ ମିଟର / ଘଣ୍ଟା , ସିଷ୍ଟର ପ୍ଲାଣ୍ଟ - ବାର୍ଷିକ ୫,୯୦,୨୨୫, ବ୍ଲାଷ୍ଟ ପଂକ୍ସେସ୍ ବାର୍ଷିକ - ୩,୯୩,୭୫୦ ଟନ୍ କୁ ସଂପ୍ରସାରଣ କରିବା ପାଇଁ ସମ୍ବଲପୁର ଜିଲ୍ଲା ଅନ୍ତର୍ଗତ ରେଙ୍ଗାଲି ତହସିଲ ପାଣ୍ଡୋଲୋଇ ଉ. ପ୍ରା. ବିଦ୍ୟାଳୟ ପଡ଼ିଆ, ତାରିଖ ୩୧.୦୮.୨୦୨୧, ସମୟ ଦିବା ୧୧.୦୦ ଘଟିକାରେ ହୋଇଥିବା ଜନଶୁଣାଣି ସଭାରେ ଜନସାଧାରଣଙ୍କ ଦ୍ୱାରା ଉଠାଯାଇଥିବା ବିଭିନ୍ନ ପ୍ରସଙ୍ଗ ଉପରେ ମତାମତ ନିମ୍ନରେ ପ୍ରଦତ୍ତ କରାଗଲା ।

- (୧) ପ୍ରସାବିତ ପ୍ରକଳ୍ପରେ ପ୍ରାର୍ଥ୍ୟସ୍ତ୍ର ପ୍ରଦୁଷଣ ନିୟନ୍ତ୍ରଣ ପଦକ୍ଷେପ ଗ୍ରହଣ କରିବା ଉଚିତ୍ ଯାହା ଦ୍ୱାରା ପ୍ରସାବିତ୍ ପ୍ରକଳ୍ପରୁ ପରିବେଶ ପ୍ରଦୁଷଣ ହେତୁ ସ୍ଥାନୀୟ ଲୋକ ପ୍ରଭାବିତ୍ ନ ହୁଅନ୍ତି ।
- (୨) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ ସ୍ଥାନୀୟ ଲୋକଙ୍କ ଶିକ୍ଷାଗତ ଯୋଗ୍ୟତା ଅନୁଯାୟୀ ପ୍ରସାବିତ ପ୍ରକଳ୍ପରେ ନିୟୁତ୍ତି ସୁଯୋଗ ପ୍ରଦାନ କରିବା ପାଇଁ ପ୍ରତିଶ୍ରୁତି ଦେଇଛନ୍ତି ।
- (୩) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ ଗ୍ରାମ୍ୟ ରାସ୍ତା ଏବଂ ଗ୍ରାମ ପୋଖରୀ ତିଆରି, ମରାମତି ପାଇଁ ପଦକ୍ଷେପ ନେବେ ।
- (୪) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ କରପରେଟ୍ ସାମାଜିକ (CSR) ଦାୟିତ୍ୱ ଅନୁଯାୟୀ ରାସ୍ତା ଆଲୋକିକରଣ ସ୍ଥାନୀୟ ଲୋକମାନଙ୍କ ପାଇଁ କରିବା ପାଇଁ ପଦକ୍ଷେପ ନେବେ ।
- (୫) କମ୍ପାନୀ କର୍ତ୍ତୃପକ୍ଷ ସ୍ଥାନୀୟ ଗ୍ରାମବାସୀ ମାନଙ୍କ ପାଇଁ ପାନୀୟ ଜଳ ଯୋଗାଇବା ପାଇଁ ଉଚିତ୍ ପଦକ୍ଷେପ ନେବେ ।



( ଇ. ରମେଶ କୁମାର ଏକ୍ସ )  
ଆଞ୍ଚଳିକ ଅଧିକାରୀ  
ରାଜ୍ୟ ପ୍ରଦୁଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ୍, ଓଡ଼ିଶା



( ଶ୍ରୀ ପ୍ରଭାତ କୁମାର )  
ଅତିରିକ୍ତ ଜିଲ୍ଲାପାଳ  
ସମ୍ବଲପୁର