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PROCEEDINGS OF PUBLIC CONSULTATION (HEARING) OF BARSUA-TALDIH-KALTA IRON MINES OF M/S STEEL AUTHORITY OF INDIA LIMITED FOR PRODUCTION OF 16.0 MTPA (ROM), TOPSOIL/OB/IB: 3.92 MTPA AND HANDLING OF 2.0 MTPA SUB-GRADE DUMPS/TAILINGS (TOTAL EXCAVATION: 22.0 MTPA) AND INSTALLATION OF NEW DRY PROCESSING PLANTS OF 7.0 MTPA FOR TALDIH & 4 MTPA FOR KALTA AND AUGMENTATION OF EXISTING 3.5 MTPA BARSUA BENEFICIATION PLANT ALONG WITH ADEQUATE LOADING, SIDING AND ASSOCIATED INFRASTRUCTURE IN THE AMALGAMATED MINE LEASE AREA OF 2558.581 HA [FC AVAILABLE 2419.871 HA + NON-FOREST LAND 138.710 HA] OUT OF 2564.323 HA, LOCATED AT TANTRA & BAHAMBA VILLAGES AND TODA RF UNDER KOIRA TEHSIL, SUNDARGARH DISTRICT HELD ON DATED 23.06.2022 (10.00AM) AT ISPAT HIGH SCHOOL PLAY GROUND OF TENSA VILLAGE, UNDER KOIRA BLOCK OF SUNDARGARH DIST. (ODISHA)

The public hearing meeting for expansion of Barsua-Taldih-Kalta Iron Mines of M/s Steel Authority of India Limited, in mine lease area of 2558.581 ha [FC available 2419.871 ha + non-forest land 138.710 ha] out of 2564.323 ha, located at Tantra & Bahamba villages and Toda RFalong with adequate loading, siding and other associated infrastructure facilities located in the acquired areas at Barsua Valley just adjoining to the amalgamated ML and Roxy Rly. Siding located outside ML at road distance of 18 km via NH – 520 was conducted on 23.06.2022 at 10.00 AM at Ispat High School Play Ground of Tensa Village under Koira Block in the District of Sundargarh. Sri Shiv Shankar Toppo, Additional District Magistrate, Sundargarh had presided over the meeting. At the outset, Dr. Binod Bihari Dash, Regional Officer, State Pollution Control Board, Odisha, Rourkela delivered welcome address, organised and conducted the public hearing meeting in association with District Administration.

The Public hearing in respect of the above mining project was held as per the schedule and at the venue in accordance with EIA Notification S.O.1533(E) dtd.14.09.2006 and subsequent amendment therein. The Public Hearing meeting with regards to date, place and time was announced in public address system apart from its publication in local dailies. The process followed for the public hearing was adequate. The attendance sheet of the public present in the meeting is annexed herewith in ANNEXURE - I. Around 300 nos. of persons attended the public hearing meeting and Two hundred five (205) Nos. of persons have signed in attendance sheet. Fifty-seven (57) nos. of persons had delivered their views whose list and their signature is given in ANNEXURE-II.

Dr. B.B. Dash, Regional Officer, State Pollution Control Board, Rourkela had welcomed the Public & explained about the importance of such hearing and also invited views, comments, objections, & opinions of the public which are necessary

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while considering the environmental clearance of the project and also told those who wants may give their written statement about the proposed projects. He had also reminded / requested the public to follow the COVID-19 guidelines on wearing the mask and on maintaining the social distancing norms during Public hearing that has been issued by the Govt. He briefly mentioned about the expansion of mining project of Barsua-Taldih-Kalta Iron Mines of M/s Steel Authority of India Limited for production of 16.0 MTPA (ROM), Topsoil/OB/IB: 3.92 MTPA and handling of 2.0 MTPA Sub-grade dumps/tailings (total excavation: 22.0 MTPA) and installation of new dry processing plants of 7.0 MTPA for Taldihi & 4 MTPA for Kalta and augmentation of existing 3.5 MTPA Barsuan beneficiation plant along with adequate loading, siding and associated infrastructure facilities located outside the Mining Lease. He invited the Additional District Magistrate to conduct the public hearing meeting.

The Additional District Magistrate, Sundargarh had briefed about the project and invited the project proponent of Barsua-Taldih-Kalta Iron Mines of M/s Steel Authority of India Limited. Sri Prasanna Kumar Rath, Chief General Manager (Mines), Barsua – Taldih –Klata Iron Mines, SAIL had briefed about the proposed mining activities for production of iron ore mines, salient features of the proposed expansion project and Environmental Management Plan with Pollution Control Measures to be adopted during mining operation, Blasting procedure, Plantation Programme and various other peripheral development activities and contribution towards increase of state revenue etc. during the course of mining.

Project Proposal: Expansion of Barsua-Taldih-Kalta Iron Mines for production of 16.0 MTPA (ROM), Topsoil/OB/IB: 3.92 MTPA and handling of 2.0 MTPA Sub-grade dumps/Tailings (Total excavation : 22.0 MTPA) and installation of new Dry Processing Plants of 7.0 MTPA for Taldih& 4 MTPA for Kalta and augmentation of existing 3.5 MTPABarsua Beneficiation Plant along with adequate loading, siding and associated infrastructure in the amalgamated mine lease area of 2558.581 ha IFC available 2419.871 ha + non-forest land 138.710 ha] out of 2564.323 ha.

<u>Location</u>: Tantra & Bahamba Villages and Toda RF under Koira Tehsil of Sundargarh District, Odisha State

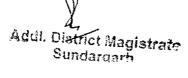
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# PROJECT DETAILS:

S. No.	Particular	Details
1	Type of project	Barsua-Taldih-Kalta Iron Mines
2	Mining Lease area	Mining Lease Area: 2564.323 ha {Forest Area: 2425.613 ha + + Non-forest land 138.710 ha}  [FC available 2419.871 ha]
3	Production Capacity	Iron Ore Total excavation: 22.0 MTPA (ROM 16 MTPA + Topsoil/OB/IB3.92 MTPA + Subgrade dumps/Tailings 2.0 MTPA) Dry Processing Plants: 7.0 MTPA for Taldih : 4.0 MTPA for Kalta Augmentation of existing 3.5 MTPA Beneficiation Plant of Barsua Iron Mine
4	Mineable reserves	554.986 Million Tonnes
5	Life of mine	Barsua Block: 33 Years Taldih Block: 43 Years Kalta Block: 24 Years
6	Lease period	Renewed for 20 years up to 05.01.2030.
7	Bench height	Barsua Block: Height = 10 m; Width = 20 m Taldih Block: Height = 12 m; Width = 20 m Kalta Block: Height = 6 m; Width = 10 m
8	Minimum width of working bench	10 m
9	Ultimate pit slope	37°
11	Total water requirement & source	Total make-up water requirement for the Barsua- Taldih-Kalta Iron Mines will be 8675 m3/day Source: Surface water Surface water with drawl permission granted by Dept. of Water Resource, Odisha vide letter No. 4897/WR, dated 15.02.2021.
12	Power requirement & source	Total power requirement for the proposed mining is 16.7 MW Power will be mainly required for Crushing, Screening and Beneficiation Plant.
13	Greenbelt & Plantation area	As on date an area of 127.42 ha has been covered under plantation including the safety zone. During the plan period, 10.0 ha area is proposed to be developed as greenbelt. Beyond plan period, 981.04 ha area is anticipated to be planted by the available local species till life of the mines. 557.686 ha area is anticipated to be planted during post mining. Cumulatively, total area under plantation will be 127.42 (existing) + 10.0 (plan period) + 981.04 (till life of mine) + 557.686 (Post mining) with a total of 1676.146 ha.



14	Manpower requirement	1133
15	Project cost	Rs 2740.88 Crores
16	Environment protection cost	Rs 111.88 Crores
17	National Parks/ Wildlife Sanctuaries	The entire lease area lies within Torha Reserved Forests. In addition, other Reserved Forests (R.Fs.) within the study area areAmarurhi R. F.: 7.3 km west, Sarkanda R. F.: 2 km east, KhandadharR.F.: 6 km south, KhajurdihR.F.: 9.5 km east, MendhamaruniR.F.: 7 km east, KathmalaR.F.: 5.5 km east, KaroR.F.: Just east, UliburuR.F.: 10 km north-east, KarampadaR.F.: 2 km north, RakshiR.F.: 9.5 km west;  There are no National parks/Wildlife sanctuaries within the 10 km radius of the ML area; Karo – Karampada Elephant Corridor – 2.41 Km from mining lease boundary.

## **ANTICIPATED ENVIRONMENTAL IMPACTS & MITIGATION MEASURES**

## Land Use

The existing mitigative measures will be upgraded in a scientific way for mining and better management technique during course of mining activities like stabilization of dumps with plantation, toe wall, garland drains, settling pits, check dams, re-use of water recovered from beneficiation plant again in the process by following Zero Discharge norms.

## Impact on Soil

- Implementing adequate protection and conservation plan to conserve top soil;
- During the planning stage, identification of waste storage yard and topsoil being done based on slope and runoff characteristics; and
- In-pit dumping of mine waste is promoted wherever possible rather than external dumping. In case of external dumping, proper care will be taken to avoid contamination with soil and water bodies.

#### **Soil Conservation Measures:**

- Garland drains will be provided around the mine wherever required to arrest any soil from the mine area being carried away by the rain water
- The inactive dump slopes will be provided with bushes, grass, shrubs and trees to prevent soil erosion after applying top soil
- After exhaustion of the total workable ore reserves, within the lease area, the changed land forms will be subjected to post mining reclamation activities, for best possible land uses.

**Air Quality** 

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## Mining

- Dust suppression system in the form of water jets installed in all the drill machines for reduction in dust generation during drilling;
- The production of blast fumes containing noxious gases are reduced by the following methods:
  - Use of adequate booster/primer; and
  - Proper stemming of the blast hole.
  - Fixed and mobile water sprinklers to suppress dust during hauling;
  - Coir matting using geo-jute in dumps with plantations; and
  - Greenbelt development is being done all along the haul roads, wherever feasible and overburden dumps, avenue plantation, road side plantation, colony plantation and will be further enhanced.

## **Crushing & Screening Plants**

- Dry fog & Mist Cannon systems in processing plants for dust suppression;
   and
- NALCO DUST-BAN Chemicals proposed which is an organic-based surfactant and testifier which is mixed with water and used for dust suppression on Haul Roads;

## **Dust Extraction System (DES) at Processing Plants:**

- Installation of pulse jet bag filter at Tertiary Crushing & Screening Plant;
- Cylindrical bags made of polyester with antistatic property are used as a filter medium inside bag house; and
- Cleaning is controlled automatically by a sequence controller.

## **Dry Processing Plant**

- The truck loading point will be covered from three sides and a dry fog system will be placed at the loading point;
- The conveyor will be installed with belt sprinklers/ dry fog system;
- The material will be transferred via Closed conveyer hoods;
- Regular maintenance of vehicles and machinery is being carried out in order to control emission;
- AC cabins for shovel and dumper provided which leads to minimum exposure of the operator to the external environment;
- Dust suppression on exposed area is being done using water trucks and sprinkler provided on the approach to mine, beneficiation plant;
- Dust generated due to traffic on haul roads are reduced by water spraying at regular interval of time. Further, no. of pressurized water tanker to be added in the fleet to strengthen the mitigation measures;



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- A good housekeeping and proper maintenance practice will be further helping in controlling pollution;
- Dust generation due to ore processing at beneficiation plant is controlled by providing dry fog system at hopper area & at all transfer points, dust extraction system at Tertiary Crushing & Screening Plant, network of conveyors, minimize spillage by better management of conveyor system and housekeeping.

#### Noise Levels and Ground Vibrations

- Minimum quantity of detonating fuse will be consumed by using alternatively excel non-electrical initiation system;
- The prime movers/diesel engines will be of proper designed and will be properly maintained;
- The operators chamber will be safe guarded with proper enclosures to reduce the noise levels:
- Trees plantation in and around the lease area which will be further enhanced.

## Measures to Protect Workers from High Noise Levels

- Provision of protective device like ear muffs/ear plugs;
- Provision of sound insulated chamber for the workers deployed on machines producing higher level of noise like bulldozer, drills etc.; and
- Reducing the exposure time of workers to the higher noise levels.

## Impact on Natural Drainage and Water Bodies

- Stabilization of dumps with plantation;
- Construction of toe wall and garland drains;
- Re-use of water recovered from processing plant;
- The beneficiation process will not use any chemicals and hence there is no likelihood of any chemical contamination of water bodies due to the mining activities;
- Domestic discharges are treated in septic tanks with soak pits. There will not be any impact on surface water quality because of domestic discharges;
- There is no discharge from the mine and Zero discharge will be maintained.

## Impact on Drawing surface/ Ground Water Resources

Adequate protection measures such as guard walls, check dams have been made along the nala for its protection. Besides, nala side plantation is also carried out. Protective measures like retaining wall and check dams, dump stabilization etc., in and around the dump and at strategic points of quarries were already constructed.

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Addl. District Magistrate Sundargarh Based on the exploration data the waste will be generated as overburden. The total waste generation is 5,315,700 cubic meter for 5 Years. There are three waste dumps existing within the lease area. Additionally, two locations are proposed for dumping during plan period of 5 years. The dump stability will be maintained as per the statutory recommendation.

There is a tailings pond in the non-mineralized area partly in amalgamated lease and partly in acquired area at Barsua Valley with an estimated 4.152 MT of tailings stored. Additionally, about 0.24 MT of tailing swill be generated @20% feed per annum from processing of 1.2 MT of iron ore likely to be beneficiated in the Wet Processing plant and the same will be disposed in the existing tailing pond.

## Mitigation Measures

- To stabilize dumps, toe wall at its base and catch water drains (garland drains) are constructed and finally connected to settling pits / check dams at downstream;
- Inactive dumps undertaken for vegetation with suitable plantation immediately
  after the terraces are made and the active dumps are protected from erosion
  by planting with suitable plant species;
- Geo-textile/coir mat is also opted for the dumps which have adverse conditions like steep slopes;
- Rills and gullies formed on the slopes because of soil erosion during rainy season are treated with check dam;
- Silt de-silted from the check dams and gully plugs at regular intervals and before rainy seasons;
- Drains along the internal roads are being developed and maintained to stop the gully formations along the slope; and
- Road conditions of the mine are being maintained.

## Biological Measures:

- For stabilization of sloppy areas, rows of grasses are planted. Tree species are planted on terraces.
- Plantation done on the slope of each terrace as soon as it is completed and a next terrace is started.

## Green belt development:

127.42 ha greenbelt has been developed along the road, non-mineralised area and in OB dump, which will be further strengthened. Greenbelt will be developed in non-operating areas. About 10 ha area is proposed to develop during the plan period.

Additionally, 1.62 ha of greenbelt plantation will be done at Barsua valley siding and Roxy siding.

#### Socio-Economic & Rehabilitation and Resettlement Study

The existing direct employment is 3857 and future direct employment would be 1133 under skilled, un skilled, clerical man power and managerial staff.



## **Project Benefits:**

CSR activities being run by SAIL will continue further in various sectors which include:

- Rural/ Community Development;
- Health & Nutrition;
- Water & Sanitation;
- Livelihood & Skill Development; and
- Education & Sports

## **Budgetary Allocation for Environmental Protection**

Barsua-Taldih-Kalta Iron Mines is proposed to spend a total of Rs. 111.88 Crores towards environmental protection measures during the next five years and the recurring cost of EMP will be Rs. 9.23 crores respectively.

The Regional Officer, State Pollution Control Board, Rourkela Regional Office then invited the public to put forth their views towards the project. The video recording of the meeting was done. Fifty-seven (57) nos. of speakers opined their views as which are given as follows:-

- 1) Sri Rabindra Kumar Mishra, Tensa:-Sri Mishra welcome all and extended his support for public hearing towards establishment of project. He stated about protection of natural water resources, plantation, health camp, development of Anganwadi, employment of locals and care towards environment. He emphasized on transportation of minerals by truck of local transporter. He supported for the project expansion.
- 2) Sri Bhimsen Choudhury, Bonai:- Sri Choudhury welcome all and supported the public hearing towards establishment of projectand appreciated SAIL for CSR activities in the peripheral villages. However, he shows concern about the protection of perennial nallas. He supported the project for every development in the area through mining expansion but objected the installation conveyor system for transportation of ore. He urged for transportation of minerals by truck as more than 3000 truck owners with driver and helper of 15000 people and their families of Koira region are dependent on the road transportation of Iron Ore or else the SAIL Authorities are requested for employment of affected people.
- 3) Sri DuryodhanNaik, Tantra:-Sri Naik welcome all, welcome the project and extended his support for public hearing towards establishment of project. He appreciated SAIL for all the developmental work in Tantra Village.He stated about protection of 08 nos. of springs and 03 nos of Nalas around the Mining lease area. He also stated about plantation, water sprinkling in the road, noise

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pollution, de-silting of nalas, care towards environment. He thanked SAIL management for providing Health, education, drinking water, road, electricity facilities in the peripheral areas. He supported for the project expansion and emphasized on employment of locals.

- 4) Sri Suresh Naik, Koira:- Sri Naik welcome all and supported the expansion project in Public Hearing. He requested mines authority for employment of additional 4500 from the localities and showed his concern about the loss of employment of 3500 workers engaged in Kalta Iron Mines, if the conveyor belt is installed. He also stated about protection of natural water resources.
- 5) Sri PromodSamal, Kalta:-Sri Samalwelcome all and welcome the project too for development. Sri Samal objected the installation of conveyor belt at Kalta as 3500 worker are directly dependent on Kalta Iron Mines. He demanded foremployment of locals, Medical College at Rourkela, uniform school fee for regular and contractual employees in SAIL managed schools, protection of natural nalas, and extension of medical facilities for families of contractual workers. He also requested for part of Taldih Mines to be operated as Manual Mining to increase the employment of uneducated localities. He also emphasized onproviding medical camp, drinking water facilities in the peripheral villages. He welcome the development but criticizes the NEERIrecommendation in its report and supported the public hearing for the project expansion, barring conveyor belt transportation of ores.
- 6) Smt. PramilaNaik, Tantra:-Smt. Naik welcome all and appreciated SAIL for providing employment from Tantra village, drinking water facility, electricity, road, repairing of check dams and control of environmental pollution. She stated about empowerment of SHG group, providing school bus for attending school at Tensa. She welcome installation of conveyor belt to reduce air pollution and extended her support for public hearing.
- 7) Sri Pravat Kumar Panda, Koira:-Sri Panda welcome all and supported the public hearing towards establishment of project. He objected the installation of conveyor belt and mechanization of loading system as truck owners with their driver and helpers along with owner of various shops are directly or indirectly dependent on transportation of minerals and also there is a chance of losing employment for the workers working in railway siding. He also requested for part of Taldih Mines to be operated as Manual Mining to increase the employment of uneducated persons in this localities and development of the area.



- 8) Sri Laxman Munda, MLA Bonai:- Hon'ble MLA welcome all and expressedhis concern about installation of conveyor system which will increase the unemployment in the area. He also criticized the NEERI report as transportation through conveyor will affect the local truck owners and their dependents and they will lose their livelihood. There will also be increase in criminal activity in the area. He urged for taking care for prevention of dust pollution, protection of natural water resources and adequate plantation in surrounding areas. He expressed his concern for the tribal people residing adjacent to Mines should be given priorities for providing livelihood. He supported for the project expansion in the public hearing.
- 9) Sri Janardhan Dehury, Bonai:-Sri Dehury welcome all and welcome the project. He emphasized on employment of non-technical localities and road transportation of minerals for sustaining livelihood of truck owners. He stated about protection of natural water resources, de-silting of various water bodies, providing drinking water to localities. He welcome the public hearing and urged for transportation of iron oreat least 50% minerals by road.
- 10) Sri Prasanta Behera, Rourkela:-He welcome all and stated about importance of Rourkela Steel Plant for the State. He emphasized on individual efforts towards protection of environment and plantation. He also stated about improvement for water, electricity and road infrastructure. He welcome the public hearing and supported for the project expansion.
- 11) Sri Abinas Suman Bage, Patmunda:-Sri Suman Bage welcome all and extended his support for public hearing towards establishment of project. He emphasized on individual efforts towards protection of environment and plantation. He requested to provide rainwater harvesting, drinking water facility, improvement of road infrastructure of the area as per mining specification through DMF. He supported the public hearing.
- 12) Smt. Sandhyarani Naik, Koira:-Smt. Naik welcome all and welcomes the public hearing for development of the area. Sheobjected the installation of conveyor belt as most of the people in the region are dependent on road transportation of ores for their livelihood and requested to consider the alternatives of conveyor belt. She stated her concerns about employment of localities, plantation, and protection of nalas.
- 13) Smt. Anita Purty, Tensa:- Smt. Purty welcome all and demanded for employment of at least one person from each families of Bahamba and Tensa Basti. She objected the installation of conveyor belt and emphasized on Manual

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loading and truck transportation. She also requested for improvement in medical facility in Tensa Hospital and providing additional teachers at Ispat High School, Tensa.

- 14) Smt. Pyari Goloria Tirkey, Tensa:- Smt. Tirkey supported the public hearing and demanded for employment of persons from this localities.
- 15) Smt. Emlen Bhuyan, Sasyakala:-Smt. Bhuyan welcome all and supported the public hearing. She expressed her concerns about employment of localities, damage of crops by Elephant, improvement in road and medical facilities. She also requested for labour loading of railway wagons at Barsua Valley, regularizing contractual workers, payment of gratuity to contractual workers and providing additional teachers in the Govt. Schools.
- 16) Sri Anand Masi Horo, San-Roxy:-Sri Horo welcome all and supported the public hearing. Heobjected the installation of conveyor belt as the same may lead to retrenchment of loading workers and losing their livelihood for those who are dependent on road transport. He also stated about improvement of drinking water facility, education facility. He requested for manual mining of Taldih Mines to engage the unemployed local persons.
- 17) Smt. Sushila Munda, Koida:- Smt. Munda welcome all and extended her supported for the public hearing. She emphasized on completion of ongoing projects, regularizing contractual workers. She supported the employment generation of 1133 numbers during expansion of project. She objected the installation of conveyor belt from Kalta to Roxy. She also requested for manual mining of part of Taldih Mines to engage the unemployed localities. She expressed that all demands and requests made by others to be taken in proper way. She supported the public hearing.
- 18) Sri Krushna Chandra Barik, Kalta:-Sri Barik welcome all and stated about manual mining of Kalta Iron Mines since 1966 and protection of natural water resources. He showed his concern that 4500 workers who are directly employed at Barsua-Taldih-Kalta Iron Mines and about 50000 persons who are directly or indirectly dependent on the mining activity and installation of conveyor belt shall lead to lose their livelihood. He demanded for employment of additional 4000 workers, continuation of mining and loading operation of Kalta Iron Mines as it will generate and employment of 1133 number persons from nearby localities. He also demanded for improvement in medical facility at Kalta, education facility, special allowance to workers and security guards, improvement in urinal and toilet facility at siding and mines, group insurance for contractual employees

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- andgratuity for contractual employees. He supported the public hearing and requested to take care of livelihood of people of nearby localities.
- **19) Smt. ManguliNaik, Tantra:-** Smt. Naik requested Mines authority for employment of persons from nearby localities and providing various facilities to SHG of nearby villages.
- 20) Sri SahadorNaik, Jhirpani:- Sri Naik extended his support to the Public hearing and employment of 1133 numbers. He emphasized on protection of agricultural land during expansion period. He also requested for providing school bus from Toda and Jhirpani village to Kalta, drinking water facility and community centres at Toda, Jhirpani and Roxy Siding. He supported the public hearing.
- 21) Sri Santosh Kumar Sahoo, Kalta: Sri Sahoo supported the public hearing for expansion of Barsua-Taldih-Kalta Iron Mines. He requested for improvement of drinking water facility, protection of natural water resources, uniform school fee in SAIL managed schools, PDC teachers in Kalta School with appropriate wages, improvement in medicine facility at Kalta, construction of mini stadium at Roxy Hockey field and provision of providing hockey coaching. He supported the public hearing but objected the installation of 16 km long conveyor belt from Kalta to Roxy siding as 15000 truck owners with 75000 families are dependent on road transportation.
- 22) Sri Budhuram Munda, Taldih:-Sri Munda welcome all and express his gratitude to SAIL for providing stitching machine and skill development training and providing drinking water facility at Taldih Village.He supported the Public Hearing.
- 23) Smt. Santilata Naik, Tantra:- Smt. Naik welcome all and demanded for further development of Tantara village.
- **24) Smt. Basanti Naik, Tantra:-**Smt. Naik welcome all and requested for providing various facilities to SHG of nearby villages.
- **25) Smt. Sushila Toppo, Sasyakala:-**Smt. Toppo welcome all and appreciated SAIL Management for providing employment of locals and drinking water facility. She supported the Public Hearing.
- 26) Sri Johan Munda, Gaganposh:-Sri Munda welcome all and categorised the resident of Taldih and Tantra gram panchayat into three categories i. e. literate, semi-literate and illiterate. He requested for employment of more than 1000 numbers and operation of part of Taldih Mines in Manual mode to incorporate all the three category of residents. He also requested for providing doctor & nurse

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- and ambulance facility in the Chordharapanchayat hospital. He supported the public hearing.
- 27) Smt Pana Naik, Tantra:- Smt. Naik welcome all and demanded for employment of persons from Tantra village.
- 28) Smt. Asha Naik, Tantra:-Smt. Naik welcome all and stated about protection of natural water resources and providing local employment.
- 29) Smt. RosantiLugun, Chordhara:-Smt. Lugun welcome all and demanded for operation of Taldih Mines as Manual Mines and employment of 1000 from Chordhara Panchayat. She also stated about improvement in road for public and workers, providing doctor & nurse at Chordhara primary hospital and providing PDC teachers at all schools of Chordhara Panchayat.
- 30) Sri Jiwan Mukut Topno, Dengula:-Sri Topno supported the public hearing and stated about improvement in health facility at Tensa Hospital, education facility at DAV School, providing additional teachers at Ispat High School, Construction of a stadium for improving sports activities and providing a hockey academy at Tensa. He requested SAIL Management to provide high skill wages to the workers working in such areas. He welcome the public hearing for project expansion.
- 31) Sri Bagun Gogri, Barsuan:-Sri Gogri welcome all and requested for re-opening of ITI, improving lighting facility at Sasyakala panchayat, providing drinking water facility at Banka Bazar and employment of localities.
- 32) Sri Abhimanu Naik, Tantra:-Sri Naik stated about protection of natural water resources, plantation and safety precautions during mining and payment of wages to the workers as per Govt. notification. He supported the public hearing.
- 33) Smt. Gurubari Naik, Tantra:- Smt. Naik welcome all and requested for employment of persons from nearby localities. She supported the public hearing.
- 34) Smt. Saudamini Naik, Tantra:- Smt. Naik has given support in favour of expansion project.
- 35) Smt. Kaushalya Naik, Tantra:- Smt. Naik requested for improvement in water, electricity and care for environment.
- 36) Smt. Bahamani Naik, Tantra:- Smt. Naik has given support in favour of expansion project and requested for employment of localities.
- 37) Smt. Anima Bage, Tantra:- Smt. Bage welcome all and requested for providing ambulance for Matrushakti Yojana, providing boundary wall, water and electricity facilities in the nearby Anganwadi, Kendras.



- **38) Smt. Sneha Dang, Tensa:-** Smt. Dang requested for improvement in classroom facilities in Govt. schools and providing stadium and coaching facility to improve sports activities in Tensa.
- **39) Sri Josbanta Behera, Tensa:-**Sri Behera welcome all and supported the public hearing.
- 40) Smt. Sombari Munda, Taldih:- Smt. Munda welcome all and demanded for manual mining of Taldih Block and employment of 1000 localities from Taldih village. She appreciated SAIL management for providing stitching machine and training on stitching at Taldih village. She requested for providing various additional technical skill trainings at Taldih village.
- **41) Smt. Muni Munda, Tensa:-**Smt. Munda welcome all and requested for proving place of graveyard near Tensa.
- **42) Smt. Basanti Munda, Taldih:-**Smt. Munda welcome all and requested for providing vehicle to workers for attending duty, school facility up to 10<sup>th</sup>class/standard at Taldihand providing drinking water facility.
- 43) Sri Suresh Munda, Taldih:-Sri Munda welcome all and appreciated SAIL Management for providing employment, drinking water facility through tube wells and stitching machine at Taldih. He emphasized that though Koira block is rich in iron deposit, but there is lack of education, health care and road infrastructure facility. He supported the public hearing and demanded for employment from affected villages and manual mining of part of Taldih Block to engage more illiterate persons. He expressed that all demands and requests made by other speakers to be taken in proper way and be implemented on true spirit.
- 44) Sri Sudarshan Patra, Tensa:-Sri Patra welcome all and supported the project expansion. He appreciated SAIL management for providing help to meritorious students for higher studies and other facilities for improvement of local culture. He requested for improvement in Tensa Hospital. He supported the Public Hearing.
- 45) Sri Tikeswar Munda, Taldihi:-Sri Munda welcome all and requested for road from Taldih village to Mines and vehicle facility for workers. He also requested for improvement of playground at Taldihi and employment from localities. He demanded for manual mining to provide employment to the illiterate villagers.
- 46) Sri Ladura Munda, Phatatangar:- Sri Munda welcome all and demanded for providing drinking water facility in every house, empowerment of SHG groups and monetary help, employment of 1000 2000 persons form nearby localities from Chordhara Panchayat. He also demanded for doctor, nurse and ambulance

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- facility at Chordhara, School bus for attending school, Manual mining of part of Taldih Mines, drinking water facility at Phatatang or Sevasram to be provided.
- 47) Sri Kailash Chandra Panda, Tensa:-Sri Panda supported thePublic hearing and welcome all. He appreciated SAIL Management for providing training on livelihood in the peripheral villages. He stated that benefits to workers leads to profitability of company and benefits to country and this expansion will increase the employment in the region and recent technology will improve the living standard in the area. He supported the public hearing.
- 48) Sri Rakesh Rahul Mohanty, Tensa:-Sri Mohanty welcome all and welcome the project expansion. He requested for additional ambulance in the area, plantation in the vacant places and priority in employment of localities. He supported for the project expansion.
- 49) Sri SahadevBehera, Koira:-Sri Behera welcome all and emphasized on employment of persons from nearby localities, restoration of degraded land by plantation, improvement of education facility in the area and skill development training in the peripheral villages. He also requested for extending medical facility at IGH, Rourkela through CSR. He supported the public hearing for the project expansion.
- 50) Sri Martin Munda, Taldih:-Sri Munda demanded for employment of 1000 persons from nearby localities from Taldih village and Manual mining of part of Taldih Minesfor employment of local illiterates.
- 51) Sri Sunaram Munda, Taldih:-Sri Munda welcome all and demanded for providing electricity from SAIL to Taldih village and proper road from Mines to his village. He requested for establishment of an English medium school at Taldih village and employment of persons from this localities. He supported the public hearing.
- 52) Sri Sanjay Munda, Chordhara:-Sri Munda welcome all and stated that the resident of the area are poor and illiterate. He objected the installation of conveyor belt and requested for manual mining of part of Taldih Mines to engage 1200 unemployed persons from Chordhara Panchayat. He also requested for improvement of play grounds at Chordhara Panchayat, improvement of school and medical facility.
- 53) Smt. Sulochana Say, Tensa:- Smt. Say welcome all and stated about benefit of project expansion. She requested CGM (Mines), SAIL to clarify some of the issues to public which are already in implementation at Tensa Hospital and DAV

School but still raised by some of the speakers. She also requested to provide school bus facility for children for the peripheral villages to attend school.

- **54) Sri Pabitra Mohan Behera, Tensa:-** Sri Behera welcome all and has given his support in favour of expansion of project.
- **55) Sri Samir Kumar Padhi, Tensa:-**Sri Padhi welcome all and has given support in favour of expansion of project. He requested for development of a fruit orchards in the region.
- 56) Sri Kamal Singh, Barsuan:-Sri Singh welcome all and objected the project stating that the public hearing is illegal and unconstitutional. He stated that for peace and empowerment of scheduled area, PESA Act was passed by the Government in 1996 but unfortunately this act hasnot been implemented for public.
- 57) Sri Rajesh Behera, Barsuan:- Sri Behera stated about importance of SAIL for the development of region. He also thanked local Authorities, SAIL Management, Politicians and Trade unions for recruiting in SAIL through local exchange. He supported expansion of project in the public hearing.

The Regional Officer, State Pollution Control Board, summarised on the issues raised by the public and requested Chief General Manager, Barusa – Taldih – Kalta Mines of SAIL to give his response on the issues raised in the public hearing meeting. Sri Prasanna Kumar Rath, Chief General Manager (Mines) responded and clarified the people on the issues raised which are listed in the Executive Summaries at Annexures – A & B respectively in English and Odia Respectively. Sri B.K. Bhoi, Asst. Env. Engineer of State Pollution Control Board, Rourkela, then extended vote of thanks and Additional District Magistrate, Sundargarh gave closing remarks and the Public Hearing was concluded with expression of thanks to the Chair.

Dagooook

Senior Environment Scientist and Regional Officer
State Pollution Control Board, Odisha,
Regional Office, Rourkela

Addl. Dist. Magistrate
Sundargarh, Odisha
Addl. District Magistrate
Sundargarh

Regional Officer
State Pollution Control Board Oxieha
ROURKELA

## Annexure-A

EXECUTIVE SUMMARY OF PUBLIC CONSULTATION (HEARING) OF BARSUA-TALDIH-KALTA IRON MINES OF M/S STEEL AUTHORITY OF INDIA LIMITED, HELD ON 23.06.2022 (10.00 AM) AT ISPAT HIGH SCHOOL PLAY GROUND OF TENSA VILLAGE, UNDER KOIRA BLOCK OF SUNDARGARH DIST. (ODISHA)

SI.		
No.	Issues raised by Public	Comments of the Project Authority
1	Environment:     Control of water pollution, waste management for dump stabilisation and check dam for siltation control.	<ul> <li>Construction of garland drains and siltation ponds as per Environment Management Plan to be made. Proper control system of retaining walls around OB dumps to be made. Further improvement would be taken as per direction of</li> </ul>
	<ul> <li>Control of air pollution and noise pollution on the roads due to truck transportation.</li> <li>Tree Plantation to check pollution and plantation of trees in vacant places, both Sides of roads and Nalas.</li> </ul>	<ul> <li>State Pollution Control Board.</li> <li>Water sprinkling system in mining road to be carried out. Dust suppression system at crushers and other mining activities to be continued.</li> <li>Plantation is being done in the vacant places within the lease and township area and will continue to do. For Road side and nala side plantation, steps to be taken in consultation with state Forest Department.</li> </ul>
	De-silting of Nalas and Check dams	<ul> <li>The check dams and sedimentation pits are desilted before onset of monsoon every year and shall continue to do so.</li> </ul>
	Protection of agricultural land during expansion period	<ul> <li>During expansion period proper care will be taken for protection of agricultural land in the nearby areas.</li> </ul>
2.	<ul> <li>Employment:</li> <li>Employment of local people in the company on priority basis and employment to local educated youth as per their qualifications.</li> <li>Manual Mining of part of Taldih Block</li> <li>Loss of livelihood of workers working</li> </ul>	<ul> <li>Employment to be given as per the skill and qualification. Local public will be given priority for employment.</li> <li>Mining shall be done as per the approved Mining Plan.</li> <li>No workers will lose employment due to</li> </ul>
	in Roxy Railway Siding and mines due to mechanization and installation of conveyor belt.	mechanisation of siding and mines.
3.	Peripheral Development	
	<ul> <li>a) Education &amp; Training:</li> <li>Development of Anganwadi of the region</li> <li>Uniform school fee for regular and contractual employees in SAIL Managed schools</li> <li>School bus from peripheral villages</li> </ul>	<ul> <li>For development of Anganwadi, the matter will be taken up with Govt. authority.</li> <li>Uniform fee structure shall be implemented in the SAIL Managed Schools for regular and contractual employees.</li> <li>Under periphery development activity &amp; CSR</li> </ul>

SI. Io.	Issues raised by Public	Comments of the Project Authority
	for attending school	support, Bus facility for the students to be increased.
	<ul> <li>Providing teachers in the schools of peripheral villages.</li> </ul>	Para teachers have already been provided in the peripheral schools and shall be increased as per requirement.
	<ul> <li>Establishment of English medium school, re-opening of ITI</li> </ul>	For English medium school and re-opening of ITI, the matter will be taken up with Govt. authority.
	<ul> <li>Emphasize on skilled development trainings</li> </ul>	<ul> <li>Skilled development trainings are being conducted in the peripheral villages and shall be continued.</li> </ul>
	<ul> <li>Empowerment for Self-help groups (SHGs) in nearby region.</li> </ul>	Continue support for the nearby SHGs are there and necessary assistance will be continued through CSR initiatives for their livelihood.
	<ul> <li>Sports promotion and opening of hockey academy and providing coaching</li> </ul>	<ul> <li>As per the request of village committee, assistance for the cultural activity &amp; sports activities would be taken under CSR initiatives.</li> <li>For opening of hockey academy, the matter will be taken up with Govt. Authority.</li> </ul>
	b) Transportation of minerals by trucks of local transporters instead of Conveyor belt:	Preference will be given to the local transporters for mineral transporting works. Further, implementation of system improvements to be taken care of in accordance with the notifications of State and Central Governments.
	c) Health and medical facility:	A full-fledged hospitals with ambulance facility is already in place at Tensa and Kalta with free treatment and free medicine facility for the villagers. The medical testing facility will be increased as per requirement. Health camp for the nearby village areas to be carried out regularly.
	d) Drinking water facility	Company will provide drinking water facilities through bore well with Syntax tank as per requirement, in co-ordination with village committees.
	e) Road widening and its repair	As per the request of village committee and Road construction authorities, support to be given for road repair and widening activity.
	f) Elephant menace control & improving lighting	Steps to be taken as per the site specific wildlife management plan and guidance from Forest Department.
	g) Improvement in Urinal and toilet facility at Siding & Mines	The matter has already been taken up and work order has been placed for construction of urinal and toilet facility at Siding and Mines.
	h) Group insurance for contractual workers	The matter has already been taken up for group insurance of contractual workers.
	i) Community centre at Toda, Jhirpani and Roxy Siding	Construction of community centre at Toda, Jhirpani, Roxy and other peripheral villages will be taken in a

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Addl. District Magistrath Sundargash

Il be continued to minimize sting and shall be maintained
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village and same will be expanded in future.

Prasanna Kumar Rath Chief General Manager (Mines), Barsua-Taldih-Kalta Iron Mines, SAIL

पी. के. रथ/ P. K. RATH मुख्य महा त्रबंधक (खादान) Chief General Manager (Mines) रोत. आर.एत.जै. बी.आई.एए. ही.आई.एए. एवं के अन्द्रस्य SAIL, RSP, SIM, TIM & KIM

Boood

Senior Environment Scientist and Regional Officer State Pollution Control Board, Odisha, Regional Office, Rourkela

Regional Officer
State Pollution Control Board Odisha
INTERIOR

Addl. Dist. Magistrate Sundargarh, Odisha

Addi. District Magistrate Sundargarh

# ମେସର୍ସ ଷ୍ଟିଲ ଅଥରିଟି ଅଫ ଇଣ୍ଡିଆ ଲିମିଟେଡ୍ର ବରସୂଆଁ-ତାଳଡ଼ିହି-କାଲଟା ଲୌହ ଖଣିର ପ୍ରଞାବିତ ପ୍ରକଳ୍ପର ଜନ ପରାମର୍ଶ (ଶୁଣାଣି)ର କାର୍ଯ୍ୟନିର୍ବାହୀ ସାରାଂଶ ।

୍ଷାନ: ସୁନ୍ଦରଗଡ଼ ଜିଲ୍ଲା କୋଇଡା ବ୍ଲକ ଅନ୍ତର୍ଗତ ଟେନସା ଗ୍ରାମସ୍ଥିତ ଇୟାତ ଉଚ୍ଚ ବିଦ୍ୟାଳୟ ଖେଳ ପଡିଆ । ତାରିଖ:୨୩-୦୬-୨୦୨୨(ଦିବା ୧୦:୦୦ ଘଟିକା)

ସଂଖ୍ୟା.	ଜନସାଧାରଣଙ୍କ ହାରା ଭଠାଯାଇଥିବା ପ୍ରସଙ୍ଗଗୁଡିକ	ପ୍ରକଳ୍ପ ଅଧିକାରୀଙ୍କ ମନ୍ତବ୍ୟ
е.	ପରିବେଶ :	<ul> <li>ପରିବେଶ ପରିଚାଳନା ଯୋଜନା ଅନୁଯାୟୀ ଗାର୍ଲାଣ୍ଡ ଡ୍ରେନ୍ ଏବଂ ସିଲଟେସନ୍ ପୋଖରୀ ନିର୍ମାଣ କରାଯିବ । ଠB ଡମ୍ପର ଚାରିପାଖରେ ରିଟେନିଙ୍ଗ ୱାଲ ସହିତ ସଠିକ୍ ନିୟନ୍ତଣ ବ୍ୟବସ୍ଥା କରାଯିବ । ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତଣ ବୋର୍ଡର ନିର୍ଦ୍ଦେଶ ଅନୁଯାୟୀ ଅଧିକ ଉନ୍ନତି ନିଆଯିବ ।</li> <li>ଖଣି ରାୟ୍ତାରେ ଜଳ ସିଞ୍ଚନ ବ୍ୟବସ୍ଥା କରାଯିବ । କ୍ରସର ଏବଂ ଅନ୍ୟାନ୍ୟ ଖଣି କାର୍ଯ୍ୟରେ ଧୂଳି ଦମନ ବ୍ୟବସ୍ଥା ଜାରି ରହିବ ।</li> <li>ଲିକ୍ ଏବଂ ଟାଉନସିପ୍ ଅଞ୍ଚଳରେ ଥିବା ଖାଲି ସ୍ଥାନରେ ବୃକ୍ଷରୋପଣ</li> </ul>
	ନୟଧ୍ୟଣ ପାଇଁ ବୃକ୍ଷରୋପଣ ।  ନାଳ ଏବଂ ଚେକ୍ ଡ୍ୟାମ୍ ର ଡି-ସିଲ୍ଙ୍ଗ ।  ସମ୍ପ୍ରସାରଣ ଅବଧିରେ କୃଷି ଜମିର ସୁରକ୍ଷା ।	କରାଯାଉଛି ଏବଂ ଏହା ଜାରି ରହିବ । ସଡକ ପାର୍ଶ୍ଧ ଏବଂ ନାଲା ପାର୍ଶ୍ଧ ବୃକ୍ଷରୋପଣ ପାଇଁ ରାଜ୍ୟ ଜଙ୍ଗଲ ବିଭାଗ ସହିତ ପରାମର୍ଶକ୍ରମେ ପଦକ୍ଷେପ ନିଆଯିବ ।
9	ରୋଜଗାର :	<ul> <li>କୌଶଳ ଏବଂ ଯୋଗ୍ୟତା ଅନୁଯାୟୀ ରୋଜଗାରରେ ୟାନୀୟ ଜନସାଧାରଣଙ୍କୁ ପ୍ରାଥମିକତା ଦିଆଯିବ ।</li> <li>ଅନୁମୋଦିତ ଖଣି ଯୋଜନା ଅନୁଯାୟୀ ଖଣି କାର୍ଯ୍ୟ କରାଯିବ।</li> <li>ସାଇଡିଂ ଏବଂ ଖଣିର ଯାନ୍ତିକରଣ ହେତୁ କୌଣସି ଶ୍ରମିକ ଚାକିରୀ ହରାଇବେ ନାହିଁ ।</li> </ul>

Addl. District Magistrass

୩	ପରିପାଶ୍ୱିକ ବିକାଶ	
	କ) ଶିକ୍ଷା ଏବଂ ତାଲିମ:	
	• ଏହି ଅଞ୍ଚଳର ଅଙ୍ଗନୱାଡିର ବିକାଶ ।	• ଅଙ୍ଗନୱାଡି ଗୁଡିକର ବିକାଶ ପାଇଁ ସରକାରୀ କତୃପକ୍ଷଙ୍କ ସହ ଆଲୋଚନା କରାଯିବ। ।
	SAIL ପରିଚାଳିତ ବିଦ୍ୟାଳୟଗୁଡ଼ିକରେ ନିୟମିତ ଏବଂ ଚୁକ୍ତିଭିଭିକ କର୍ମଚାରୀଙ୍କ ପାଇଁ ୟୁନିଫର୍ମ ଷ୍କୁଲ୍ ଫି ।	ନିୟମିତ ଏବଂ ଚୁକ୍ତିଭିତ୍ତିକ କର୍ମଚାରୀଙ୍କ ପାଇଁ SAIL ପରିଚାଳିତ ବିଦ୍ୟାଳୟରେ ୟୂନିଫର୍ମ ଫିର ବ୍ୟବସ୍ଥା କରାଯିବ
	ବିଦ୍ୟାଳୟରେ ପଢିବାପାଇଁ ପାରିପାର୍ଶ୍ୱକ ଗ୍ରାମରୁ ସ୍କୁଲ ବସ୍ ।     ପେରିଫେରାଲ୍ ଗ୍ରାମଗୁଡିକର ବିଦ୍ୟାଳୟରେ ଶିକ୍ଷକ ଯୋଗାଇବା ।     ଇଂରାଜୀ ମଧ୍ୟମ ବିଦ୍ୟାଳୟ ପ୍ରତିଷା, ITI ର ପୁନର୍ବାର ଖୋଲିବା ।	ପେରିଫେରୀ ବିକାଶ କାର୍ଯ୍ୟକଳାପ ଏବଂ CSR ସହାୟତା ଅଧୀନରେ, ଛାତ୍ରମାନଙ୍କ ପାଇଁ ବସ୍ ସୁବିଧା ବୃଦ୍ଧି ହେବ       ପାରା-ଶିକ୍ଷକ, ପେରିଫେରାଲ୍ ବିଦ୍ୟାଳୟମାଙ୍କରେ ଯୋଗାଇ ଦିଆଯାଇଛି ଏବଂ ଆବଶ୍ୟକତା ଅନୁଯାୟୀ ବୃଦ୍ଧି କରାଯିବ       ଇଂରାଜୀ ମାଧ୍ୟମ ବିଦ୍ୟାଳୟ ଏବଂ ITI ର ପୁନର୍ବାର ଖୋଲିବା ପାଇଁ ସରକାରୀ କତୃପକ୍ଷଙ୍କ ସହ ଆଲୋଚନା କରାଯିବୀ ।
	<ul> <li>କୁଶଳୀ ବିକାଶ ତାଲିମ ଉପରେ ଗୁରୁତ୍ୱ ଦିଅନ୍ତୁ ।</li> </ul>	<ul> <li>ପାରିପାର୍ଶ୍ୱିକ ଗ୍ରାମଗୁଡିକରେ ଦକ୍ଷତା ବିକାଶ ପାଇଁ ତାଲିମ ଦିଆଯାଉଛି</li> <li>ଏବଂ ଏହା ଜାରି ରହିବ ।</li> </ul>
	<ul> <li>ନିକଟବର୍ତ୍ତୀ ଅଞ୍ଚଳରେ ସ୍ୱୟଂ ସହାୟକ ଗୋଷୀ</li> <li>(SHGs)ଙ୍କ ସଶକ୍ତିକରଣ ।</li> </ul>	ନିକଟସ୍ଥ ସ୍ପୟଂ ସହାୟକ ଗୋଷି ମାନଙ୍କ ପାଇଁ ସହାୟତା ଜାରି ରହିବ ଏବଂ ସେମାନଙ୍କ ଜୀବିକା ପାଇଁ CSR ମାଧ୍ୟମରେ ଆବଶ୍ୟକ ସହାୟତା ଜାରି ରହିବ ।
	• କ୍ରୀଡ଼ା ପ୍ରୋହାହନ ଏବଂ ହକି ଏକାଡେମୀ ଖୋଲିବା ଏବଂ କୋଟିଂ ଯୋଗାଇବା ।	ଗ୍ରାମ କମିଟିର ଅନୁରୋଧ ଅନୁଯାୟୀ, ସାଂଷ୍ଟୃତିକ କାର୍ଯ୍ୟକଳାପ ଏବଂ କ୍ରୀଡା କାର୍ଯ୍ୟକଳାପ ପାଇଁ CSR ମାଧ୍ୟମରେ ସହାୟତା ଯୋଗାଇ ଦିଆଯିବ । ହକି ଏକାଡେମୀ ଖୋଲିବା ପାଇଁ ସରକାରୀ କତୃପକ୍ଷଙ୍କ ସହ ଆଲୋଚନା କରାଯିବ।
	ଖ) କନଭେୟର ବେଲ୍ଟ ବଦଳରେ ସ୍ଥାନୀୟ ପରିବହନକାରୀଙ୍କ ଟ୍ରକ୍ ହ୍ୱାରା ଖଣିଜ ପରିବହନ:	ଖଣିତ ପରିବହନ କାର୍ଯ୍ୟ ପାଇଁ ସ୍ଥାନୀୟ ପରିବହନକାରୀଙ୍କୁ ଅଗ୍ରାଧିକାର ଦିଆଯିବ । ଅଧିକତ୍ରୁ, ରାଜ୍ୟ ଏବଂ କେନ୍ଦ୍ର ସରକାରଙ୍କ ବିଜ୍କସ୍ତି ଅନୁଯାୟୀ ଆଧୁନିକୀକରଣ ପାଇଁ ପଦକ୍ଷେପ ନିଆଯିବ ।
	ଗ) ସ୍ୱାୟ୍ୟ ଏବଂ ଚିକିହା ସୁବିଧା:	ଗ୍ରାମବାସୀଙ୍କ ପାଇଁ ମାଗଣା ଚିକିହା ଏବଂ ମାଗଣା ଔଷଧ ସୁବିଧା ସହିତ ଆମ୍ବୁଲାନ୍ସ ସୁବିଧା ଥିବା ପୂର୍ଣ୍ଣାଙ୍ଗ ଡାକ୍ତରଖାନା ପୂର୍ବରୁ ଟେନସା ଏବଂ କଲ୍ଟାରେ ଅବସ୍ଥିତ । ଆବଶ୍ୟକତା ଅନୁଯାୟୀ ଡାକ୍ତରୀ ପରୀକ୍ଷା ସୁବିଧା ବୃଦ୍ଧି କରାଯିବ। ନିୟମିତ ଭାବେ ନିକଟସ୍ଥ ଗ୍ରାମ ଅଞ୍ଚଳ ପାଇଁ ସ୍ୱାସ୍ଥ୍ୟ ଶିବିରର ବ୍ୟବସ୍ଥା କରାଯିବ ।
	ଘ) ପାନୀୟ ଜଳ ସୁବିଧା ।	ଗ୍ରାମ କମିଟିଗୁଡିକର ଅନୁରୋଧ କ୍ରମେ ଆବଶ୍ୟକତା ଅନୁଯାୟୀ ସିଣ୍ଠାକ୍ସ ଟ୍ୟାଙ୍କ ସହିତ ବୋରୱେଲ କୂଅ ମାଧ୍ୟମରେ ପାନୀୟ କଳ ସୁବିଧା ଯୋଗାଇ ଦିଆଯିବ ।
	ଙ) ରାଞା ପ୍ରଶଞ ଏବଂ ଏହାର ମରାମତି ।	ଗ୍ରାମ କମିଟି ଏବଂ ସଡକ ନିର୍ମାଣ କର୍ତ୍ତୃପକ୍ଷଙ୍କ ଅନୁରୋଧ ଅନୁଯାୟୀ ସଡକ ମରାମତି ଏବଂ ପ୍ରଶଞ୍ଜିକରଣ କାର୍ଯ୍ୟ ପାଇଁ ସହାୟତା ପ୍ରଦାନ କରାଯିବ।

Addl. District Magistrate Sundargarh

ଚ) ହାତୀ ବିପଦ ନିୟନ୍ତଣ ଏବଂ ଆଲୋକୀକରଣର	ବନ୍ୟ ବିଭାଗର ନିର୍ଦ୍ଦିଷ୍ଟ ବନ୍ୟଜନ୍ତୁ ପରିଚାଳନା ସୋଜନା ଏବଂ
ଉନ୍ନତି ।	ନିର୍ଦ୍ଦେଶାବଳୀ ଅନୁଯାୟୀ ପଦକ୍ଷେପ ଗୁହଣ କରାଯିବ।
ଛ) ସାଇତିଂ ଆଣ୍ଡ ମାଇନ୍ସରେ ଯୁରିନାଲ ଏବଂ ଟଏଲେଟ	ସାଇଡିଂ ଓ ମାଇନ୍ସରେ ମୂତ୍ର ଏବଂ ଶୌଚାଳୟ ସୁବିଧା ନିର୍ମାଣ ପାଇଁ
ସୁବିଧାରେ ଭନ୍ନତି ।	କାର୍ଯ୍ୟ ନିର୍ଦ୍ଦେଶ ଦିଆଯାଇଛି।
କ) ଚୁକ୍ତିଭିଭିକ ଶ୍ରମିକମାନଙ୍କ ପାଇଁ ଗୋଷୀ ବୀମା ।	ଚୁକ୍ତିଭିତ୍ତିକ ଶ୍ରମିକମାନଙ୍କର ଗୋଷୀ ବୀମା ପାଇଁ ପଦକ୍ଷେପ ନିଆଯାଇ ସାରିଛି ।
ଝ) ଟୋଡା, ଝିରପାନି ଏବଂ ରକ୍କି ସାଇଡିଂରେ ଗୋଷୀ	ଟୋଡା, ଝିରପାନି, ରକ୍ସି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାଖ ଗ୍ରାମଗୁଡିକରେ
କେନ୍ଦ୍ର ।	କମ୍ୟୁନିଟି ସେ <b>ଣ୍ଟର ନିର୍ମାଣ ପର୍ଯ୍ୟାୟକ୍ରମେ</b> କରାଯିବ ।
ଞ) କଢା ଘରଗୁଡିକରେ ବିଷରଶର ପ୍ରଭାବ ।	ବିଷରଣ ହେତୁ କମ୍ପନକୁ କମ କରିବାକୁ ନିୟଂତ୍ରିତ ବିଷରଣ ଯାରି ରହିବ ଏବଂ ଏହାକୁ DGMSର ସୀମା ତଳେ ରଖାଯିବ ।
ଟ) ଫଳ ବରିଚାର ବିକାଶ:	ତନ୍ତା ଗ୍ରାମରେ ଏକ ଫଳ ବଗିଚା କରାଯାଇଛି ଏବଂ ଭବିଷ୍ୟତରେ ଏହାର ସମ୍ପ୍ରସାରଣ କରାଯିବ ।

ପ୍ରସନ୍ନ କୁମାର ରଥ ଚିଫ୍ ଜେନେରାଲ୍ ମ୍ୟାନେଜର (ମାଇନ୍ସ),

ବାରସୁଆ-ତାଲଡିହୁ-କା୍ଲଟା ଆଇରନ୍ ମାଇନ୍ସ, ସେଲ୍ ।

भी. के. रथ/ P. K. RATH मुख्य महा प्रबंधक (खादान) Chief General Manager (Mines) जेत. आ. (ल.वे. वे.आं. एत. एतं के आई एव SAIL. RSP. BIM. TIM & KIM

ଐତ୍ୟୁ ପ୍ରଥି କାଣ୍ଟ ଆଞ୍ଚଳିକ ଅଧିକାରୀ,

ଓଡିଶା ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତଣ ବୋର୍ଡ,

State Pollution Control Board Collet 3
ROUTHELA

ଅତିରିକ୍ତ ଜିଲାପାଳ, ସୁନ୍ଦରଗଡ, ଓଡିଶା

Addl. District Magistrate Sundargarh



## STATE POLLUTION CONTROL BOARD, ODISHA

(Department of Forest & Environment, Govt. of Odisha)
Paribesh Bhawan, A/118, Nilakanthanagar, Unit-Vill, Bhubaneswar - 751012



No. 8546 / IND-II-PH-1031

Date 19.05.2022

#### NOTICE

CAD - 575: It is brought to the notice of all concerned that M/s Steel Authority of India Ltd. has proposed to have Environmental Assessment for Barsua-Taldihi-Kalta Iron Mines for expansion of Iron Ore Production from 8.05 MTPA to 16.0 MTPA (ROM), Top soil/OB/IB: 3.92 MTPA and handling 2.0 MTPA Sub-grade dumps/Tailings (Total excavation: 22.0 MTPA) and installation of New Dry Processing Plants of 7.0 MTPA for Taldih & 4 MTPA for Kalta and augmentation of existing 3.5 MTPA Barsua Beneficiation Plant along with adequate loading, siding and associated infrastructure in the amalgamated mine lease area of 2558.581ha. (FC available 2419.871 ha.+ non-forest land 138.710 ha) out of 2564.323 ha. Located at Tantra & Bahamba villages and Toda RF under Koira Tahsil of Sundargarh district to obtain Environmental Clearance from 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. 14.09.2006, 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 from all the persons including bonafide residents, environmental groups and others 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 neighborhood, wherein the project is proposed to be located.

Persons as above who desire to submit their views, comments, objections etc. relevant to the project, may do so in writing within 30 days from the date of publication of this notice addressing the same to the Member Secretary, State Pollution Control Board, Odisha through Registered Post. Besides this, persons interested to submit their views relevant to the proposed mining project in writing or orally may also do so during the public hearing to be conducted on 23-06-2022 at 10.00 A.M at Ispat High School Play Ground of Tensa village under Koira Tehsil of Sundargarh District.

Persons desirous of participating in the public hearing may go through the Environmental Impact Assessment (EIA) / Environmental Management Plan (EMP) of the said project which will be available at the following offices. Copy of the Executive Summary both in English & Odia is also available in the following offices & the same can also be downloaded from the website www.osp-cboard.org free of cost.

- 1. District Collector's Office, Sundargarh.
- 2. District Industries Center, Sundargarh.
- 3. In the office of the Chief Executive Officer, Zilla Parishad, Sundargarh.
- In the Head office of the State Pollution Control Board, Odisha, Parivesh Bhawan, A/118, Nilakanthanagar, Unit - VIII. Bhubaneswar - 12.
- 5. Regional Office, State Pollution Control Board, Odisha, Rourkela.
- 6. Department of Forest & Environment (Environment), Govt. of Odisha, Bhubaneswar

For any further clarification in the matter, the Regional Officer, State Pollution Control Board, Rourkela or the Member Secretary, State Pollution Control Board, Odisha at Bhubaneswar may be contacted.

Sd/- MEMBER SECRETARY

OIPR-08012/11/0076/2223

The Sunday Times # 22.5.22 P-14

He VIII. Letter

THE PARTY OF



# ିର୍ଗାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା

(ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳବାୟ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର)

ପରିବେଶ ଭବନ, ଏ/୧୧୮, ନୀଳକ୍ଷନଗର, ୟୁନିଟ୍-୮, ଭୁବନେଶ୍ୱର-୭୫୧୦୧୨

ସଂଖ୍ୟା:8553/IND-II-PH-1031

ତାରିଖ : 19.05.2022

## <u>ବଜ୍ଞାପନ</u>

CAD-572: ଏତଦ୍ୱାରା ସମସ୍ତଙ୍କ ଅବଗଡି ନିମନ୍ତେ ଜଣାଇ ଦିଆଯାଉଅଛି ସ୍ଥେମେସର୍ସ ଷ୍ଟିଲ ଅଥୋରିଟି ଅଫ୍ ଇଞିଆ ଲିମିଟେଡ଼ ଓଡ଼ିଶାର ସ୍ୱନ୍ଦରଗଡ଼ ଜିଲ୍ଲା, କୋଇଡ଼ା ତହସିଲ ଅନ୍ତର୍ଗ୍ୟ ଓ ବାହାମ୍ବା ଗ୍ରାମ ଏବଂ ତୋଡ଼ା ସଂରକ୍ଷିତ ଜଙ୍ଗଲ ପ୍ରିତ ୨୫୬୪.୩୨୩ ହେକ୍ତର ପରିମିତ ଖଣି ଲିଜ୍ ଅଞ୍ଚଳ ମଧ୍ୟର ୨୫୫୮.୫୮୧ ହେକ୍ତର (୨୪୧୯.୮୭୧ ହେକ୍ତର ଫରେଷ୍ଟ କ୍ଲିଅରାନ୍ ଉପଲକ୍ତ + ୧୩୮.୭୧୦ ଅଣ୍ଡିକଙ୍କଲ କ୍ଷେତ୍ର) ସ୍ଥିତ ବରସ୍ୱଆଁ-ତାଲଡ଼ିହି-କାଲଟା ଲୌହ ଖଣିରୁ ବାର୍ଷିକ ଉପାଦନ ହାର - ୧୬ ଏମଟିପିଶ (ଆଉ.ଓ.ଏମ), ୨ ଏମଟିପିଏ ସବ୍ ଗ୍ରେଡ଼ ଡ଼ଖ /ଟେଲିଙ୍ଗ ଏବଂ ୩.୯୨ ଏମଟିପିଏ ଓବି/ଆଇବି/ଟପ ସ୍ୟଲ୍ଞ୍ୟୁଙ୍କ ଚାଲଡ଼ିହିରେ ୭ ଏମଟିପିଏ ଓ କାଲଟାରେ ୪ ଏମଟିପିଏ କ୍ଷମତା ବିଶିଷ୍ଟ ନୂତନ ତ୍ରାଏ ପ୍ରୋସେସିଂଗ ପ୍ରକଳ୍ପ ସ୍ୱାସନା ସହିତ ଯଥେଷ୍ଟ ବୋଝେଇ ସୁବିଧା, ସାଇଡ଼ିଂ ଏବଂ ଆନୁସଙ୍ଗିକ ଭିଉଭୂମି ନିର୍ମାଣ ନିମନ୍ତେ ଭାରତ ସର୍ଜିଗ୍ରହ୍ମ ପରିବେଶ, ଜଙ୍ଗଲ ଏବଂ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ମନ୍ତଣ୍ଡାଳିୟ ଦ୍ୱାରା ପରିବେଶୀୟ ମଞ୍ଜୁରୀ ନିମନ୍ତେ ଆବର୍ଷ୍ୟକ୍ତି ଅଡୁଥିବା ସର୍ବସାଧାରଣ ଶୁଣାଣୀ ନିମନ୍ତେ ଓଡ଼ିଶା ପ୍ରଦୂଷଣ ନିୟସ୍ତିଣ ବୋଡ଼ିକୁ ଆବେଦନ କରିଛନ୍ତି ।

ଭାରତ ସରକାର ପରିବେଶ, ଜଙ୍ଗଲ ଏବଂ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ମନ୍ତ୍ରଣାଳୟର ପ୍ରିତ୍ତିବେଶୀୟ ମଞ୍ଜରୀ ନିର୍ମନ୍ତେ ଅଧାସ୍ତନା ସଂଖ୍ୟା ଏସ୍. ଓ. ୧୫୩୩(ଇ), ଚା.୧୪.୦୯.୨୦୦୬ ଅନୁସାୟା ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟକ୍ତଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା, ଭୁବନେଶ୍ୱରଙ୍କୁ ସର୍ବସାଧାରଣ ଶୁଣାଣି କରିବାର କ୍ଷମତା ପ୍ରଦାନ କ୍ରିରିଛନ୍ତି। ଏଥି ନିମନ୍ତେ ବୋର୍ଡ଼, ସବିସାଧାରଣଙ୍କ ସମେତ ପ୍ରକୃତ ଅଧୀବାସୀ, ପରିବେଶୀୟ ସଂସ୍ଥା ଏବଂ ପ୍ରସ୍ଥାବିତ ପ୍ରକଳ୍କ ସ୍ଥାପନ ହେଉଥିବା ସ୍ଥାନରେ ଜନବର୍ଗ, ପ୍ରକଳ୍କ ଯୋଗୁଁ ଉଚ୍ଛେଦ ହେଉଥିବା ବାସିନ୍ଦା, ପ୍ରକଳ୍କ ଯୋଗୁଁ ପ୍ରଭାବିତ ହେଉଥିବା ବାସିନ୍ଦାମାନଙ୍କ୍ ଠାର୍ ପୁକଲ୍ଲ ସ୍ଥାପନ ଯୋଗୁଁ ପରିବେଶୀୟ ପୁଭାବ ସମ୍ବନ୍ଧୀୟ ପ୍ରସ୍ତାବ, ମତାମତ, ମନ୍ତବ୍ୟ ଓ ଆପତି ପତ୍ର ଆହ୍ଲାନ କରୁଛନ୍ତି। ଏଥି ନିମନ୍ତେ ବ୍ୟକ୍ତିର ଅର୍ଥ କେବଳ ନିମ୍ନ ମତେ ବୁଝାଯାଉଛି:

(କ) ପରିବେଶୀୟ ଶଞ୍ଚରୀ ଦ୍ୱାରା ପ୍ରଭାବିତ ହେଉଥିବା ବା ହେବାକୁ ଥିବା ଯେ କୌଣସି ବ୍ୟକ୍ତି। (ଖ) ପ୍ରକଳ୍କ ସମ୍ପନ୍ଧିତ ପରିବେଶୀୟ ମଞ୍ଚରୀ ପାଇଁ ଆଗଡ ବରଖାସ ପରିପ୍ରେକ୍ଷୀରେ ତହିଁ ଉପରେ କର୍ଡ଼ିଡ୍ ଜାହିର କରିପାରଥିବା କୌଣସି ବ୍ୟକ୍ତି ବିଶେଷ । (ଗ) ପରିବେଶ କ୍ଷେତ୍ରରେ କାର୍ଯ୍ୟ କରୁଥିବା କିମ୍ବା / ଏବଂ ପ୍ରସାବିତ ପ୍ରକଳ୍କ ଜ୍ୱାରା ପ୍ରଭାବିତ ହେଉଥିବା (ପଞ୍ଜିକୃତ ବା ଅଣପଞ୍ଜିକୃତ) ଯେ କୌଣସି ବ୍ୟକ୍ତି ସମୂହଙ୍କ ସଂଘ। (ଘ) ପ୍ରଥାବିତ ପ୍ରକଳ୍ପର ସ୍ଥାନୀୟସୀମ। ଭୂକ୍ତ ନିକଟବର୍ତ୍ତୀ ଅଞ୍ଚଳରେ ସେ କୌଣସି ସ୍ଥାନୀୟ କର୍ତ୍ୱପକ୍ଷୀ

ଉପରୋକ୍ତ ବ୍ୟକ୍ତିମାନେ ସେମାନଙ୍କର ପ୍ରସାବ, ମତାମତ, ମନ୍ତବ୍ୟ ଏବଂ ଆପତ୍ତି ଇତ୍ୟାଦିକୁ ସଦସ୍ୟ ସ୍ଥନ୍ତିହି, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼, ଓଡ଼ିଶାଙ୍କୁ ଲିଖିତ ଆକାରରେ ଏହି ବିଜ୍ଞାପନ ପ୍ରକାଶନର ୩୦ ଦିନ ମଧ୍ୟକ୍ତେ ରେଜିକ୍ଟି ଡ଼ାକ୍ପୋଗ୍ରେଜଣାଇ ପାରିବେ । ଏହାଛଡ଼ା ଉକ୍ତ ପ୍ରସାବିତ ପ୍ରକଳ୍କ ଉପରେ ଲିଖିତ ବା ମୌଖିକ ଭାବେ ମଞ୍ଜିମିତ ଦେବା ପାଇଁ ଇଚ୍ଛକ ବ୍ୟକ୍ତିମାନେ ତା.୨୩.୦୬.୨୦୨୨ରିଖ ଦିବା ୧୦:୦୦ ଘଟିକା ସମୟରେ ସ୍ୱନ୍ଦରଗଡ଼ି ଇଲ୍ଲି(କ୍ଲୋଇଡ଼ା ତହସିଲ ଅନ୍ତର୍ଗତ ଟେନ୍ସା ଗ୍ରାମସ୍ଥିତ ଇସ୍ପାତ ଉଚ୍ଚ ବିଦ୍ୟାଳୟ ଖେଳପଡ଼ିଆ ଠାରେ ଧାର୍ଯ୍ୟ ସର୍ବସାଧାରଣ ଗୁଣାଣୀ ସମୟରେ ମଧ୍ୟ ଉପସ୍ଥାପନ କରିପାରିବେ ।

ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍କ ବିଷୟରେ, ବିଶଦ ଭାବରେ ଜାଣିବା ପାଇଁ ପରିବେଶୀୟ ପ୍ରଭାବ ମୂଲ୍ୟାୟନି ବିବରଣୀ (Environmental Impact Assessment) ଏବଂ ଏହାର ନିର୍ବାହୀ ସାରାଂଶ (Executive Summary) ଓଡ଼ିଆ ଏବଂ ଇଂରାଜୀ ଭାଷାରେ ନିମ୍ନଲିଖିତ ସ୍ଥାନମାନଙ୍କରେ ମିଳିପାରିବା

୧. ଜିଲ୍ଲାପାଳଙ୍କ କାର୍ଯ୍ୟାଳୟ, ସୁନ୍ଦରଗଡ଼। ୨୍ଲିଜିଲ୍ଲା ଶିଲ୍କକେନ୍ଦ୍ର, ସୁନ୍ଦରଗଡ଼। ୩. ଜିଲ୍ଲା ପରିଷଦ ମୁଖ୍ୟ ନିର୍ବାହୀ ଅଧିକାରୀ, ସୁନ୍ଦରଗଡ଼଼ା ୪. ମୁଖ୍ୟ କାର୍ଯ୍ୟାଳଥିଛି ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତଣ ବୋର୍ଡ୍, ଓଡ଼ିଶା, ପରିବେଶ ଭବନ, ଏ/୧୧୮, ନୀଳକ୍ଷ ନଗର, ଭୁବନେଶ୍ୱର୍-୭୪୍ନିକ୍ଲିଡି୧୨୮୫. ଆଞ୍ଚଳିକ କାର୍ଯ୍ୟାଳୟ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ବୋର୍ଡ଼, ଓଡ଼ିଶା, ରାଉରକେଲା। ୬. କଙ୍ଗଲ ପରିବେଶ ଓ କଳିବାହିଁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର, ଭୁବନେଶ୍ୱର।

ଏଡବ୍ ବ୍ୟତୀତ ପରିବେଶୀୟ ପ୍ରଭାବ ୍ଧିମୁଲ୍ୟୁୟନ ବିବରଣୀର ନିର୍ବାହୀ ସାରାଂଶ (Executive Summary) ଓଡ଼ିଆ ଏବଂ ଇଂରାଜୀ ଭାଷାରେ ଭାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତଣ ବୋର୍ଡ଼, ଓଡ଼ିଶାର ଓଡ଼ିସାଇଟ www.ospcboard.org ରୁ ମଧ୍ୟ ମିଳିପାରିହା୍ଲି

ଏ ବିଷ୍ପୁଞ୍ଜରେ ସବିଶେଷ ବିବରଣୀ ପାଇଁ ରାଜ୍ୟ ପ୍ରଦୁଷଣ ନିୟନ୍ତଣ ବୋର୍ଡ଼, ଓଡ଼ିଶାର ଆଞ୍ଚଳିକ କାର୍ଯ୍ୟାଲ୍ୟ, ରାଉଡ଼ିଲ୍ଲୋ ସ୍ଥିତ ଆଞ୍ଚଳିକ ଅଧିକାରୀ କିମ୍ବା ଭୁବନେଶ୍ୱର ସ୍ଥିତ ମୁଖ୍ୟ କାର୍ଯ୍ୟାଳୟରେ ସଦସ୍ୟ ସଚିବଙ୍କ ସହ ସୋଗାରୁଆର୍ଗ କରାଯାଇପାରେ। OIPR08012/11/0073/2223

ସ୍ୱା/- ସବସ୍ୟ ସଚିବ

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