



File No: J- 11011/594/2008-IA-II(IND-I)

Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 13/09/2024



To,

M/s. FERRO ALLOYS CORPORATION LIMITED
Ferro Alloys Corporation Ltd., At-D.P. Nagar, PO-Randia, Dist:-Bhadrak , BHADRAK, ODISHA ,
756135
Email: facor.mines@vedanta.co.in

Subject: Expansion of Ferro Alloy Plant for high carbon ferro chrome production from 1,45,000 TPA (1 x 45 MVA & 1 x 33 MVA SAF) to 4,45,000 TPA (1 x 45 MVA, 1 x 33 MVA & 2 x 75 MVA SAFs), 11,800 TPA MRP along with new installation of raw material handling facility and 7,00,000 TPA Pellet & Sintering Plant at Village- Randia, P.S-Bhadrak Rural, Dist-Bhadrak, Odisha by M/s Ferro Alloys Corporation Limited-Grant of Environmental Clearance-Reg

Sir/Madam,

This refers to your proposal no. IA/OR/IND1/476988/2024 on dated 04.07.2024 along with copy of EIA/EMP report, Forms (Part A, B and C) seeking Environment Clearance (EC) under the provisions of the EIA Notification, 2006 for the project mentioned above.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A1005OR5164847N
(ii) File No.	J- 11011/594/2008-IA-II(IND-I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous)
(vi) Sector	Industrial Projects - 1 Expansion of Ferro Alloy Plant for high carbon ferro chrome production from 1,45,000 TPA (1 x 45 MVA & 1 x 33 MVA SAF) to 4,45,000 TPA (1 x 45 MVA, 1 x 33 MVA & 2 x 75 MVA SAFs), 11,800 TPA MRP along with new installation of raw material handling facility and 7,00,000 TPA Pellet & Sintering Plant at Village- Randia, P.S-Bhadrak Rural, Dist-Bhadrak, Odisha by M/s Ferro Alloys Corporation Limited
(vii) Name of Project	

(viii) Name of Company/Organization	FERRO ALLOYS CORPORATION LIMITED
(ix) Location of Project (District, State)	BHADRAK, ODISHA
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The proposed project activity is listed at S. No. 3(a) Metallurgical industries (Ferrous & Non-Ferrous) and 1(d) Thermal power plant, under Category “A” of the schedule of the EIA Notification, 2006 and appraised at the central level.

4. The instant proposal was considered in the 63rd EAC Meeting held during 23-25th July, 2024 wherein after detailed deliberations, the committee recommended the proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to the stipulation of specific conditions and general conditions. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.

5. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are at **Annexure-II**.

6. The Unit configuration and capacity of the proposed project is at **Annexure-III**.

Deliberations of EAC

7. The EAC, in its 63rd EAC Meeting held during 23-25th July, 2024, inter-alia, deliberated the following:

i. The instant proposal is for expansion of Ferro Alloy Plant for High Carbon Ferro Chrome Production from 1,45,000 TPA (1 x 45 MVA & 1 x 33 MVA SAF) to 4,45,000 TPA (1 x 45 MVA, 1 x 33 MVA & 2 x 75 MVA SAFs), 11,800 TPA MRP along with New Installation of Raw Material Handling Facility and 7,00,000 TPA Pellet & Sintering Plant.

ii. Initially, the project was granted Environment Clearance vide letter No. J-11011/594/2008- IA II (I) dated 04.05.2009 for expansion of existing 1x45MVA furnace to add another 1x45 MVA new furnace (High Carbon Ferro Chrome, 65,000 TPA to 1,30,000 TPA). Amendment in EC was obtained vide letter dated 21.11.2012 to reduce the new furnace capacity from 45MVA to 27MVA (High Carbon Ferro Chrome from 1,30,000 TPA to 1,15,000 TPA). EC validity extension was obtained vide letter dated 13.01.2017 and thus EC was valid till 03.05.2019. Thereafter, the project was accorded Environment Clearance vide Letter No. J-11011/594/2008-IA-II(I) dated 31.10.2022 for Expansion of Ferro alloys Plant High Carbon Ferro Chrome production from 75,000 TPA (from 1 x 45 MVA SAF) and 6,300 TPA from MRP up to 1,45,000 TPA (from 1 x45 MVA & 1 x 33 MVA SAF) and 11,800 TPA from MRP (Metal Recovery Plant) located at Village-Randia, District-Bhadrak, Odisha. CTO was obtained from Odisha State Pollution Control Board for 1,45,000 TPA Charge Chrome/ High Carbon Ferro Chrome (Electric Arc Submerged Arc Furnace of 1 x 45 MVA&1 x 33 MVA) and 11,800 TPA Charge Chrome (Metal Recovery Plant) vide Consent Letter No. 4949/ IND-I-CON-5461 dated 29.03.2022 & Consent Letter No. 7239/IND-ICON- 5461 dated 04.05.2023 with a validity upto 31.03.2028.

iii. The EAC, constituted under the provision of the EIA Notification, 2006 comprising Expert Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

iv. The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

v. The Committee noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

- vi. The EAC also took into consideration the drone survey of the project site and kml file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH and made following deliberations accordingly.
- vii. The total project area is 83.16 ha which is in possession of FACL. Land has been acquired and allocated to the Industry by IDCO, Bhubaneswar.
- viii. There is a rich habitation including Randia Village (0.53 km, NE), Baghurai Village (0.65 km, SSE) etc. along with other sensitive areas within the study area of the project site. The EAC opined that proponent shall take appropriate environmental safeguard measures to minimise the impact on the sensitive areas. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
- ix. Salandi River (0.5 km, E) and Akhaupada High Level Main canal (0.5 km, S) along with several water bodies within the study area of the project site. The EAC opined that a robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
- x. The water requirement post proposed expansion is estimated as 4750 m³ /day which will be sourced from River Salandi and ground water. The EAC deliberated on the water requirement is of the opinion that PP shall obtain necessary permission from the Competent Authority in this regard. Also, PP shall implement the plan to gradually phase out the use of ground water in a period of 2 years as committed.
- xi. The Committee has deliberated on the baseline data and incremental GLC due to the proposed project and observed that PM_{2.5} and PM₁₀ values are recorded very high. PP/Consultant shall prepare and implement a stringent plan to minimise the levels of PM_{2.5} and PM₁₀.
- xii. The Committee also deliberated on the public hearing issues along with revised action plan submitted by the proponent to address the issues raised during the public hearing and is of the opinion that PP shall strictly implement a stringent plan to address all the issues raised by the stakeholders during the PH.
- xiii. Total 11 Schedule-I species within a 10 km radius of the plant site during biological study has been found as per the DFO list and Wildlife (Protection) Amendment Act (W(P)AA), 2022. Wildlife Conservation Plan for 11 Schedule – 1 Species has been prepared and submitted to Divisional Forest officer, Bhadrak for authentication. The EAC is of the opinion that recommendations of the Wildlife Conservation Plan shall be strictly implemented in consultation with the State Forest Department.
- xiv. The PP has submitted that existing greenbelt has been demarcated in 28.99 Ha area which is about 34.84 % of the total project area of 83.16 ha. As per granted EC dated 31.10.2022, Total no. of trees to be planted is 67,730. Out of this, 43,605 numbers of trees has already been planted in the allocated land with the density of 1504 trees per hectare. Out of remaining 24,125 trees, approx. 8200 trees have already been planted recently inside the plant premises. Remaining 15,925 trees are being/will be planted by end of this monsoon season, 2024 to achieve existing greenbelt. As part of this expansion & to achieve 2500 trees/ha, remaining 4745 no. of trees will be planted in a phased manner. The EAC deliberated on the greenbelt layout plan along with action plan and the budget earmarked and is of the opinion that greenbelt shall be completed as committed.
- xv. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.
- xvi. The EAC deliberated on the CCR issued by IRO and noted that certain partial compliances have been indicated. The PP submitted before the EAC that an ATR has already been submitted mentioning remedial actions along with photographic proofs. The EAC took note of the submissions made by PP, reviewed the ATR. EAC opined that the PP should take required measures to meet the commitments mentioned in the ATR, and strictly comply with the EC conditions on progressive basis.

xvii. The EAC also deliberated on the written submission of the project proponent and found it satisfactory.

xviii. The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.

xix. The environmental clearance recommended to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

xx. The EAC also reviewed the EC conditions (specific and general) pertaining to Industry-I projects and observed that some of the specific conditions stipulated so far in the previously recommended EC projects are common and applicable to most of the projects in general. In view of the same, the General Conditions (in case of EC projects) have been revised through reallocation of these common conditions from specific to General Conditions (in case of EC projects). Accordingly, the instant project is also being stipulated with the modified General conditions.

Recommendation of EAC

8. The EAC (Industry-1 Sector), in its 63rd EAC Meeting held during 23-25th July, 2024, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of Environment Clearance subject to stipulation of specific and general EC conditions as detailed in the point below.

Decision of MoEFCC

9. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1 Sector) hereby decided to grant **Environment Clearance for instant proposal of M/s. Ferro Alloys Corporation Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions (**Annexure-I**)

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

11. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

12. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

13. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

14. This issues with approval of the competent authority.

(Dinesh Runiwal)
Scientist 'F'/Director
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Copy To

1. Secretary, Department of Environment, Government of Odisha, Secretariat, Bhubaneswar.
2. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum- Office Complex, East Arjun Nagar, Delhi-110032.
3. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar – 751023.
4. Chairman, Odisha State Pollution Control Board, Parivesh Bhawan, A/118 Nilakantha Nagar, Unit-VIII, Bhubaneswar-751012.
5. Chief Wildlife Warden, Govt. of Odisha, 5 th Floor, BDA Apartments, Prakruti Bhawan, Nilakantha Nagar, Nayapalli, Bhubaneswar-751012
6. Member Secretary, Central Ground Water Authority, A2, W3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
7. District Collector, Bhadrak District, Odisha.

Annexure 1**Specific EC Conditions for (Metallurgical Industries (Ferrous And Non Ferrous))****1. Specific**

S. No	EC Conditions
1.1	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
1.2	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
1.3	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
1.4	There is a rich habitation including Randia Village (0.53 km, NE), Baghurai Village (0.65 km, SSE) etc. along with other sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
1.5	Salandi River (0.5 km, E) and Akhaupada High Level Main canal (0.5 km, S) along with several water bodies within the study area of the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
1.6	The PP shall undertake flood protection measures due to presence of Salandi river as committed.
1.7	The water requirement of 4750 m ³ /day shall be sourced from River Salandi and ground water. PP shall obtain necessary permission from the Competent Authority in this regard. Also, PP shall implement the plan to gradually phase out the use of ground water in a period of 2 years as committed.

S. No	EC Conditions
1.8	PP/Consultant shall prepare and implement a stringent plan to minimise the levels of PM2.5 and PM10
1.9	Three tier Green Belt shall be developed in atleast 33% of the project area as committed, of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
1.10	Tree Felling of 936 as reported shall be cut only after consultation and approval of State Forest Department.
1.11	The PP is advised to implement the 'Ek Ped Maa Ke Naam' Campaign which was launched on 5th June 2024 on the occasion of the World Environment Day to increase the forest cover across the Country. This plantation drive will be other than Green belt development.
1.12	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 18.32 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.
1.13	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village.
1.14	The PP shall strengthen the social entrepreneurship opportunities; strengthen Self Help Groups into SMEs; strengthen Health infrastructure in the surrounding nearby villages and the compliance report in this regard needs to be submitted to IRO, MoEFCC.
1.15	The recommendations of the approved Site-Specific Wildlife Management Plan = shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
1.16	PP shall strictly comply with the partially/non complied EC conditions as per the observations of IRO and submit the report to IRO.
1.17	PP shall carry out periodically occupational health survey as per the applicable norms.
1.18	As committed, fog mist cannon shall be deployed for minimising the fugitive emissions.
1.19	The PP shall install CO sensors at the furnace top level and the monitoring report shall be submitted to the IRO, MoEFCC in this regard.
1.20	CO sensors with alarm to be installed at strategic locations in the Plant.

Standard EC Conditions for (Metallurgical Industries (ferrous and non ferrous))

1. Statutory Compliance

S. No	EC Conditions
1.1	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
1.2	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.2	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
2.3	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw

S. No	EC Conditions
	materials and cover them with tarpaulin.
2.9	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/agglomeration.
2.10	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
2.11	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.12	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
2.13	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
2.14	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
2.15	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
2.16	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
2.17	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
2.18	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.

3. Air Quality Monitoring And Preservation In Case Of Ferro Alloy Plants

S. No	EC Conditions
3.1	Briquetting and Jigging plant shall be installed in Ferro Alloys Plant.
3.2	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.

S. No	EC Conditions
3.3	The 4th hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF.
3.4	Industry is going to use silica quartz in large quantities and going to produce Silico Manganese and Ferro Silicon alloy steel. Therefore, it is necessary to control silica/quartz exposures at production Departments, not only emission norms as per Indian Factories Act. The permissible limit for silica/quartz should be within 10 mg/m ³ for total dust as per Indian Factories Act. Therefore, it is recommended to monitor personal and area exposures for silica quartz dust in the process plants. (in case of Silico Manganese and Ferro Silicon alloy steel)

4. Water Quality Monitoring And Preservation

S. No	EC Conditions
4.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
4.2	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
4.3	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
4.4	Water meters shall be provided at the inlet to all unit processes in the plants.
4.5	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
4.6	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
4.7	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
4.8	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.

5. Noise Monitoring And Prevention

S. No	EC Conditions
5.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
5.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

6. Energy Conservation Measures

S. No	EC Conditions
6.1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
6.2	Provide LED lights in their offices and residential areas.

7. Waste Management

S. No	EC Conditions
7.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
7.2	Kitchen waste shall be composted or converted to biogas for further use.
7.3	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
7.4	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
7.5	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.

8. Waste Management In Case Of Sinter Plant

S. No	EC Conditions
8.1	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road

S. No	EC Conditions
	making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.
8.2	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.
8.3	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.

9. Green Belt

S. No	EC Conditions
9.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
9.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
9.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

10. Public Hearing And Human Health Issues

S. No	EC Conditions
10.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
10.2	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.
10.3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
10.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

11. Environment Management

S. No	EC Conditions
11.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
11.2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
11.3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
11.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.

12. Miscellaneous

S. No	EC Conditions
12.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
12.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
12.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
12.4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
12.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
12.6	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and

S. No	EC Conditions
	Climate Change at environment clearance portal.
12.7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
12.8	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
12.9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
12.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
12.11	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
12.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
12.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
12.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
12.17	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Details of the proposal are as per the EIA/EMP report

S. No.	Particulars	Details																								
a.	Terms of Reference for undertaking EIA study	08.11.2023																								
b.	Period of baseline data collection	1 st March to 31 st May, 2023																								
c.	Date of Public Consultation	10.01.2024																								
d.	Action plan to address the PH issues	Public Hearing and need based activities detail proposed are attached as Annexure IV .																								
e.	Location of the project	located at Village Randia, P.S-Bhadrak Rural, Dist-Bhadrak, Odisha																								
f.	Total land	The total plant area is 83.16 ha																								
g.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total land area is 83.16 ha which is already in possession of the company and is industrial in nature.																								
h.	Existence of habitation & involvement of R&R, if any	<p>Plant Site: There is a plant housing colony within the plant site.</p> <p>Study Area: Villages falling near to the plant site is given below:</p> <table border="1"> <thead> <tr> <th>Habitation</th> <th>Distance (km)</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Randia Village</td> <td>0.53</td> <td>NE</td> </tr> <tr> <td>Baghurai Village</td> <td>0.65</td> <td>SSE</td> </tr> <tr> <td>Sahapur Village</td> <td>3.05</td> <td>NNE</td> </tr> <tr> <td>Amargadia Village</td> <td>1.05</td> <td>SW</td> </tr> <tr> <td>Tentuligariha Village</td> <td>1.11</td> <td>W</td> </tr> <tr> <td>Kalahandia Village</td> <td>3.74</td> <td>SW</td> </tr> <tr> <td>Bishnupur Village</td> <td>3.12</td> <td>SSW</td> </tr> </tbody> </table>	Habitation	Distance (km)	Direction	Randia Village	0.53	NE	Baghurai Village	0.65	SSE	Sahapur Village	3.05	NNE	Amargadia Village	1.05	SW	Tentuligariha Village	1.11	W	Kalahandia Village	3.74	SW	Bishnupur Village	3.12	SSW
Habitation	Distance (km)	Direction																								
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Kalahandia Village	3.74	SW																								
Bishnupur Village	3.12	SSW																								
i.	Elevation of the project site	38 - 45 m above mean sea level																								
j.	Involvement of Forest land if any.	No Forest Land is involved in the project site.																								
k.	Water body exists within the project site as well as study area	<p>Study area- 11 water bodies fall within 10 km radius:</p> <table border="1"> <thead> <tr> <th>Water body</th> <th>Distance(km)</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Salandi River</td> <td>500 m</td> <td>NE</td> </tr> <tr> <td>Akhaupada High Level Main canal</td> <td>500 m</td> <td>South</td> </tr> <tr> <td>Baudapur Distributary</td> <td>1.8 km</td> <td>NE</td> </tr> </tbody> </table>	Water body	Distance(km)	Direction	Salandi River	500 m	NE	Akhaupada High Level Main canal	500 m	South	Baudapur Distributary	1.8 km	NE												
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Salandi River	500 m	NE																								
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S. No.	Particulars	Details		
				Kapali Nadi
		Charampa Branch Canal	5.5	North
		Kani Nadi	6.5 km	SW
		Sarusagar Nadi	7.0 km	WNW
		Nalia Nadi	7.0 km	SE
		Reba Nadi	9.0 km	SW
		Salandi Nala	9.0 km	ESE
		Kundi Nala	9.0 km	East
l.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Nil		
m.	Project cost	The capital cost of the proposed greenfield project is Rs. 1221 Crores		
n.	EMP cost	EMP	Capital (Rs. in Crores)	Recurring (Rs. in Crores)
			92.95	3.70
o.	Employment opportunity	The employment generation from the proposed expansion project is 2500 direct employment		
p.	Water and Power requirement	Total water requirement will be 4750 m ³ /day. Power – Total power requirement for the proposed project will be around 213MW.		
q.	CPA/SPA	The Project location is not in CPA/SPA.		

Unit configuration and capacity

S. No	Plant Equipment /Facility	Existing facilities as per EC dated 31.10.2022		Proposed Units		Final (Existing +Proposed)	
		Configuration	Capacity	Configuration	Capacity	Configuration	Capacity
1.	Submerged Arc Furnace (SAF)	1 x 45 MVA +1 x 33 MVA	1,45,000 TPA	2 x 75 MVA	3,00,000 TPA	1 x 45 MVA +1 x 33 MVA+2 x 75 MVA	4, 45,000 TPA
2.	Metal Recovery Plant (MRP)	1 no.	11,800 TPA	-	-	1 no.	11,800 TPA
3.	Pellet & Sintering Plant	-	-	1 x 7,00,000 TPA	7,00,000 TPA	1 x 7,00,000 TPA	7,00,000 TPA

Action plan as per MoEF&CC O.M. dated 30/09/2020

S · N o ·	Particulars	Physic al activit y and action plan	UO M	Physic al activit y and action plan	UO M	Physical activity and action plan	UOM	Ten tati ve Bud get
		To be impleme nted in 1 st year	To be impleme nted in 2 nd Year	To be implemented in 3 rd Year	(In Lak hs)			
A INFRASTRUCTURE DEVELOPMENT FOR DRINKING WATER								
1	Village Randia	Installa tion of Cooled and Purifie d Drinki ng Water "Piau" with 100ltrs capacit y	1 no	Installa tion of Subme rsible Pump for day-to- day require ment of water	2 no	-	-	24
2	Village Baudpur	Installa tion of Cooled and Purifie d Drinki ng Water " Piau" with 2000 ltrs capacit y	2 no	-	-	-	-	16
3	Village Geltua	Provisi on a portabl e drinki ng water tank	2 no	Installa tion of Cooled and Purifie d Drinki	1 no	-	-	24

S · N o ·	Particulars	Physic al activit y and action plan	UO M	Physic al activit y and action plan	UO M	Physical activity and action plan	UOM	Ten tati ve Bud get
		To be impleme nted in 1 st year	To be impleme nted in 2 nd Year	To be implemented in 3 rd Year	(In Lak hs)			
		for drinkin g purpos e		ng Water " Piau" with 2000 ltrs capacit y				
4	Village Saramunda, Geltua,Gelpur	Installa tion of Cooled and Purifie d Drinki ng Water " Piau" with 2000 ltrs capacit y	1 no at Gel pur	Install ation of Subme rsible Pump for day-to- day require ment of water	5 no- each villa ge	-	-	50
5	Village Olanga, Chengagadia, Korant	Install ation of Cooled and Purifie d Drinki ng Water " Piau" with 2000 ltrs capacit y	1 no at Ola nga	-	-	Install ati on of Subme rsible Pump for day- to-day require ment of water	5 no- each village	50
SUB-TOTAL (A)								164
B	SANITATION							

S · N o ·	Particulars	Physic al activit y and action plan	UO M	Physic al activit y and action plan	UO M	Physical activity and action plan	UOM	Ten tati ve Bud get
		To be impleme nted in 1 st year		To be impleme nted in 2 nd Year		To be implemented in 3 rd Year		(In Lak hs)
1	Village Gelpur	Constr uction of Comm unity toilet (4 closed toilets with 4 urinals)	2 no	Constr uction of comm unity toilet	1 no	-	-	36
2	Village Geltua	Constr uction of Comm unity toilet (4 closed toilets with 4 urinals)	2 no	Constr uction of comm unity toilet	1 no	-	-	36
3	Village chengagadia	Constr uction of Comm unity toilet (4 closed toilets with 4 urinals)	1 no	Constr uction of Comm unity toilet (4 closed toilets with 4 urinals)	1 no		1 no	36
4	Village koranta	-	-	Constr uction of Comm unity	2 no	Construc tion of commun ity toilet	1 no	36

S · N o ·	Particulars	Physic al activit y and action plan	UO M	Physic al activit y and action plan	UO M	Physical activity and action plan	UOM	Ten tati ve Bud get
		To be impleme nted in 1 st year		To be impleme nted in 2 nd Year		To be implemented in 3 rd Year	(In Lak hs)	
				toilet (3 closed toilets with 2 urinals)				
5	Village Gobindapur	-	-	Constr uction of Comm unity toilet (3 closed toilets with 2 urinals)	2 no	Construc tion of commun ity toilet	1 no	36
6	Village Baudpur	-	-	Constr uction of comm unity toilet	1 no	Construc tion of Commun ity toilet (4 closed toilets with 4 urinals)	2 no	36
7	Village olanga	-	-	Constr uction of comm unity toilet	1 no	Construc tion of Commun ity toilet (4 closed toilets with 4 urinals)	2 no	36
8	Village Ogalpur	-	-	Constr uction of comm unity toilet	1 no	Construc tion of Commun ity toilet (4closed toilets	2 no	36

S · N o ·	Particulars	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Tentative Budget
		To be implemented in 1 st year		To be implemented in 2 nd Year		To be implemented in 3 rd Year		(In Lakhs)
						with 4 urinals)		
SUB-TOTAL (B)								288
C	EDUCATION							
1	Village Tentuligarhia	Industrial skill development training for 30 students in Government polytechnic college	1 lot	Industrial skill development training for 30 students in Government polytechnic college	1 lot	Industrial skill development training for 30 students in Government polytechnic college	1 lot	120
2	Village Ogalpur	Renovation of Ogalpur Primary School with drinking water, Providing benches for students & donation of books in the library	1 no	-	-	Installation of CCTV along with computer and distribution of bench of students at Ogalpur Primary School	1 lot	60

S · N o ·	Particulars	Physic al activit y and action plan	UO M	Physic al activit y and action plan	UO M	Physical activity and action plan	UOM	Ten tati ve Bud get
		To be impleme nted in 1 st year	To be impleme nted in 2 nd Year	To be implemented in 3 rd Year	(In Lak hs)			
3	Village Ramkrushnapur	Renov ation of Ramkr ushnap ur High School with drinkin g water & moder n toilet facility	1 no	Install ation of CCTV along with compu ter and distrib ution of bench of student s at Ramkr ushnap ur High School	1 lot	-	-	60
4	Village Olanga	Install ation of CCTV along with compu ter and distrib ution of bench of student s at Ramkr ushnap ur High School	1 lot	Renov ation of School with drinkin g water, Providi ng benche s for student s & donati on of books in the library	1 no	-	-	60
5	Village Chengagadia	-	-	Play Groun d	1 no	Upliftme nt of school	-	65

S · N o ·	Particulars	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Tentative Budget
		To be implemented in 1 st year		To be implemented in 2 nd Year		To be implemented in 3 rd Year		(In Lakhs)
				Construction		library, donation of books & providing morden toilet facility		
6	Village Gelpur	Community hall for educational & Social function	1 no	-	-	Installation of CCTV along with computer and distribution of bench of students at Ramkrushnapur High School	1 lot	60
7	GP- Olong, Randia, Geltua	Renovation of club house (Randia)	4	Renovation of club house (Olong)	4	Renovation of club house (Geltua)	4	60
SUB-TOTAL (C)								485
D	ROADS & CROSS DRAIN							
1	Village Chengagadia	Repairing of internal roads through paver block	500 mtr			-	-	35

S · N o ·	Particulars	Physic al activit y and action plan	UO M	Physic al activit y and action plan	UO M	Physical activity and action plan	UOM	Ten tati ve Bud get
		To be impleme nted in 1 st year		To be impleme nted in 2 nd Year		To be implemented in 3 rd Year	(In Lak hs)	
2	Village Gelpur	-	-	Repari ng of interna l roads throug h paver block	800 mtr	-	-	56
3	Village Geltua	Repari ng of interna l roads throug h paver block	300 mtr	-	-	-	-	21
4	Village Baudpur	-	-	-	-	Reparin g of internal roads throug h paver block	500 mtr	35
5	Village koranta	-	-	Repari ng of interna l roads throug h paver block	300 mtr	-	-	21
6	Village Olanga	-	-	-	-	Reparin g of internal roads throug h paver block	400 mtr	28
7	Village- Randia, Koronto, Tentuligadia, Chengagadia	Water sprinkl ing on the roads	1	Water sprinkl ing on the roads	1	Water sprinklin g on the roads	1	15
SUB-TOTAL (D)								211

S · N o ·	Particulars	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Tentative Budget
		To be implemented in 1 st year		To be implemented in 2 nd Year		To be implemented in 3 rd Year		(In Lakhs)
E	ELECTRIFICATION INCLUDING SOLAR LIGHTS							
1	Village- Korant, Olanga, Gelpur&Baudpur	Distribution of 100 LED Light for Road	100 nos	Installation of solar streetlights	10 (in each village)	Installation of solar streetlights	10 (in each village)	32
2	Village- Chengagadia, Saramunda, Ramkrushnapur & Randia	Distribution of 100 LED Light for Road	100 nos	Installation of solar streetlights	10(in each village)	Installation of solar streetlights	10(in each village)	32
SUB-TOTAL (E)								64
F	AVENUE PLANTATION INCLUDING PLANTATION IN COMMUNITY AREAS							
1	Village Baudpur&koronta	Community plantation	750 saplings	Community plantation	750 saplings	Roadside plantation	500 Saplings for each village	25
2	Village Ogalpur	Community plantation along with plantation in Govt. Primary School	800 saplings	Roadside plantation	500 Saplings	-	-	14
3	Village Randia &Gelpur	Community plantation	500 saplings	Community plantation	500 saplings	Roadside plantation	500 Saplings for each village	20
4	Village Geltua&Tentuligarhia	-	-	Roadside	400 Saplings	Community	800 saplings	16

S · N o ·	Particulars	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Tentative Budget
		To be implemented in 1 st year		To be implemented in 2 nd Year		To be implemented in 3 rd Year		(In Lakhs)
				plantation	or each village	plantation		
5	Village Saramanga & Chengagadia	-	-	Roadside plantation	500 Saplings for each village	Community plantation	800 saplings	18
6	Village Baudpur, Koronta, Ogalpur, Randia & Gelpur	Water tanker for watering of new saplings	1 no	Water tanker for watering of new saplings	1 no	-	-	25
7	Village Geltua, Tentuligarhia, Saramanga & Chengagadia	-	-	-	-	Water tanker for watering of new saplings	1 no	12
SUB-TOTAL (F)								130
G	DEVELOPMENT OF HEALTH FACILITIES							
1	GP-Randia, Olong, Baudpur, Geltua & Rampur, Ramakrushnapur.	Provide a well-equipped Ambulance for the mentioned GPs	1 no	Renovation & upgradation of the OHC at FACOR to cater the medical	1 No	Round the clock deployment of the doctors to cater the medical requirements of the mentioned GPs.	4 Nos of Medic	250

S · N o ·	Particulars	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Physical activity and action plan	UOM	Tentative Budget
		To be implemented in 1 st year		To be implemented in 2 nd Year		To be implemented in 3 rd Year		(In Lakhs)
				requirements of the mentioned GPs				
SUB-TOTAL (G)								250
H	SUSTAINABILITY							
1	Village Chengagadia, Geltua, & Randia,	Provision of Self-Help Group (Trainings for Handicraft)	1 lot	Provision of Self-Help Group (Trainings for Handicraft)	1 lot	-	-	80
2	Rampur, Saramanga, Tentuligarhia, Ramkrushnapur,	Provision of Self-Help Group (Trainings for Handicraft)	1 lot	Provision of Self-Help Group (Trainings for Handicraft)	1 lot	-	-	80
3	Olanga, Baudpur & koronta	-	-	Provision of Self-Help Group (Trainings for Handicraft)	1 lot	Provision of Self-Help Group (Trainings for Handicraft)	1 lot	80
SUB-TOTAL (H)								240
TOTAL (A+B+C+D+E+F+G+H)								1832