



**File No: IA-J-11011/57/2026-IA-II(Ind-I)**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**IA Division**  
**\*\*\***



Date **07/08/2026**



To,

M/s. Shri Bajrang Power and Metalics Limited  
Sahaspur Village Bolagarh Taluk Khorda District, KHORDHA,  
ODISHA, 752055  
Email: satish.pandey@goelgroup.co.in

**Subject: Proposed 40,000 TPA Titanium Dioxide Pigment plant along with Sulphuric Acid plant (1,20,000 TPA), Producer Gas plant (16,000 Nm<sup>3</sup>/Hr), Brick plant (40,000 Bricks/day) & Cogeneration power plant (12.75 MW) by M/s. Shri Bajrang Power & Metalics Limited, located at Village: Sahaspur, Tehsil: Bolagarh, District: Khorda, Odisha- Grant of EC under the provisions of EIA Notification, 2006 -Reg.**

Sir/Madam,

This is in reference to your application submitted to MoEFCC vide proposal number IA/OR/IND1/583990/2026 dated 03/07/2026 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

|                                            |                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (i) EC Identification No.                  | EC26A1005OR5630483N                                                                                                                                                                                                                                                                                                                                               |
| (ii) File No.                              | IA-J-11011/57/2026-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), 1(d) Thermal Power Plants                                                                                                                                                                                                                                                                                |
| (vi) Sector                                | Industrial Projects - 1<br>Proposed 40,000 TPA Titanium Dioxide Pigment plant along with Sulphuric Acid plant (1,20,000 TPA), Producer Gas plant (16,000 Nm <sup>3</sup> /Hr), Brick plant (40,000 Bricks/day) & Cogeneration power plant (12.75 MW) at Village Sahaspur, Tehsil Bolagarh, District Khorda, Odisha by M/s. Shri Bajrang Power & Metalics Limited. |
| (vii) Name of Project                      |                                                                                                                                                                                                                                                                                                                                                                   |
| (viii) Name of Company/Organization        | Shri Bajrang Power and Metalics Limited                                                                                                                                                                                                                                                                                                                           |

(ix) Location of Project (District, State) KHORDHA, ODISHA  
(x) Issuing Authority  
(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 and non-ferrous and 1(d) Thermal Power Plants under Category “A” of the schedule of the EIA Notification, 2006 and appraised at Central Level.

4. The proposal was considered during 31<sup>st</sup> EAC (Industry-1) Meeting held on 13<sup>th</sup> -14<sup>th</sup> July, 2026. 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 Addendum 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**.

7. The EAC, in its 31<sup>st</sup> EAC (Industry-1) Meeting held on 13<sup>th</sup> -14<sup>th</sup> July, 2026, inter-alia, deliberated the following:

**Recommendations of the Committee:**

1. The instant proposal is for setting up of a 40,000 TPA Titanium Dioxide Pigment Plant along with Sulphuric Acid Plant (1,20,000 TPA), Producer Gas Plant (16,000 Nm<sup>3</sup>/Hr), Brick plant (40,000 Bricks/day) & Cogeneration Power Plant (12.75 MW).

2. 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.

3. 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.

4. 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.

5. 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.

6. The Committee noted that the project is a greenfield proposal. Accordingly, SPCB furnished its comments vide letter dated 21.04.2026. The EAC apprised the proposal taking into consideration the comments of SPCB and the environmental safeguards suggested along with mitigation measures proposed by the project proponent w.r.t. the proposed site and nearby sensitive receptors. The EAC also reviewed the compliance statement submitted by the project proponent regarding aspects such as land acquisition status / presence of streams or nallahs within the site / validity of baseline data / validity of the Certified Compliance Report / validity of the Public Hearing (PH), among other relevant factors. Upon examination, the Committee found the submission satisfactory for further appraisal of the proposal.

7. The total land requirement for the proposed project is 40.46 ha, comprising Government industrial land allotted by the Odisha Industrial Infrastructure Development Corporation (IDCO). The entire land is under the possession of the Project Proponent.
8. The Committee noted the presence of habitation and other environmentally sensitive areas within the study area of the project site. In this regard, it is reported that the nearest habitation is Village Gangadharpur, located at a distance of about 0.7 km in the north-eastern direction. Other nearby habitations include Gediapalli (1.0 km, E), Kadhamalla (1.0 km, N), Nuagan (1.0 km, SSE), Samukapatana (1.2 km, E), Hemantapur (1.2 km, ESE), Shalataara (1.5 km, ENE), Gaurhapatana (1.5 km, SE), Kadabereni (2.0 km, NW) and Manibandha (2.0 km, S). The nearest educational institutions are Paikarapur Primary School (0.9 km, ENE) and Kadhamalla U.G.M.E. School (1.0 km, N). The nearest places of worship are Trinath Temple (1.0 km, NE) and Maa Tarini Temple (1.0 km, N). Other sensitive receptors include Manibandha Reserved Forest, located about 0.7 km in the WSW direction. The Committee opined that the Project Proponent shall identify, village-wise, all sensitive receptors including habitations, places of worship, educational institutions, water bodies, and other vulnerable locations, and shall formulate and implement appropriate environmental safeguard and mitigation measures to minimise adverse impacts of project activities. A village-wise mitigation plan shall be prepared and implemented, along with a separate, clearly defined budget allocation for each affected village.
9. The EAC further opined that the project proponent shall, in consultation with a reputed public health institution/ agency, carry out a baseline and periodic epidemiological study of the nearby villages to assess potential health impacts arising from project activities. Based on the findings, the project proponent shall establish and implement a health monitoring system for regular medical check-ups of the local population, and take suitable preventive and remedial measures to address any adverse health outcomes, with records maintained and reported to the concerned regulatory authorities.
10. The nearby water bodies comprise Pond PS-1 (0.2 km, W), Pond PS-2 (0.4 km, NNW), Pond NU-1 (0.8 km, SE), Pond MF-1 (0.9 km, NW), Pond GE-1 (1.0 km, E), and Kaligiri Nadi, located about 3.0 km in the WSW direction along with other water bodies within the study area of the project site. The EAC opined that robust and foolproof Drainage Conservation measures shall be implemented to protect the natural drainage and its flow parameters; along with Soil conservation and Erosion control measures for all the water bodies.
11. The Committee noted that Manibandha RF is at a distance of 0.7 km in WSW direction with some other RF. The Committee emphasized that the Project Proponent shall ensure effective pollution control and environmental management measures so that no adverse impact on the adjoining protected forest areas occurs due to project activities.
12. The water requirement for the proposed project is estimated as 7000 m<sup>3</sup>/day, which will be met from surface water (Mahanadi River). The EAC opined that the PP shall secure the required approval from the appropriate authority. **Action point**
13. The Committee deliberated on the baseline data and incremental GLC due to the proposed project and found it satisfactory.
14. It is reported that 16 Schedule I species was found in the core as well as buffer zone. The Wildlife Conservation Plan has been developed for 16 Schedule I species, with a total budget allocation of Rupees 209.22 Lakhs over a period of 10 years, and submitted to DFO, Khorda Forest Division & currently under process. The EAC opined PP shall ensure strict compliance with the recommendations of the approved plan in consultation with State Forest Department.
15. The Committee also deliberated on the public hearing issues, and the socio-economic Development plan, with allocation of Rs. 19.125 crores for implementation of the commitments made during Public Hearing and found it satisfactory. The EAC further advised that all the assets created by the company through PH Action Plan shall be maintained by the company under CSR funds / any other defined fund.
16. The EAC opined that PP shall implement skill development programs in a way to align with relevant Government initiatives (like Mission LiFE, ODOP, GSDP etc.) to enhance employability and livelihood opportunities for local communities. These programs shall be designed in consultation with the concerned authorities, such as the District Skill Development Mission, State Government agencies, or other relevant institutions. With regard to the above, PP shall chalk out a detailed action plan and monitoring mechanism, which shall include details target beneficiaries, training modules, expected outcomes, and periodic progress reports shall be maintained and submitted to RO MoEFCC. **Action point**

17. The PP reported that greenbelt will be developed in 10.117 ha which is about 25% of the total project area. Total no. of 25,290 saplings will be planted and nurtured in 10.117 hectares in 3 years. The EAC deliberated on the greenbelt action plan and is of the opinion that as committed, greenbelt shall be developed in 10.117 ha (25% of the total project area) within a period of 1 year and maintained in conformity with MoEF&CC's OM vide F.No. IA3-22/14/2025-IA.III (E-275538) dated 29.10.2025.

18. The Committee deliberated on the details of carbon footprint and carbon sequestration study with respect to the proposed project and found to be satisfactory.

19. The Committee also deliberated upon the comments of the State Pollution Control Board and emphasized that the same shall be duly addressed and incorporated in the Environmental Clearance conditions, as applicable.

20. The Committee noted that the Solid Waste Management Rules, 2026 have been notified and came into force with effect from 1st April, 2026. The EAC opined that the Solid Waste Management Plan for the proposed project shall be formulated in consonance with the provisions of the Solid Waste Management Rules, 2026, and the same shall be implemented.

21. 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.

22. 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. [Action point](#)

23. 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.

8. In view of the foregoing and after detailed deliberations, the committee recommended the instant proposal under the provisions of EIA Notification, 2006 for grant of Environment Clearance. The EAC categorically noted that the recommendation to grant EC is technical in nature under the provisions of the EIA Notification 2006, and subject to the fulfilment of commitments made by the PP to secure all the permissions/ approvals/ consents from Central/ State Authorities, as may be required. The recommendation does not create an obligation for authorities that handle issues related and relevant to construction and operation of the project under other independent procedures/ statutes, including the provisions stipulated in the Land Acquisition (R&R) Act, 2013. The specific and general conditions are mentioned below:

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. Shri Bajrang Power & Metallics Limited** subject to the 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.

( Sonu Singh)

Scientist 'E'

Tel: 011-20819346

Email - sonu.singh@gov.in

#### Copy To

1. The Member Secretary, CGWA, 18/11 Jamnagar House Man Singh Road, Central, Delhi, cgwa@nic.in
2. The District Collector, DC Office, O/O Collector & Dm Khordha At-New Collectorate Po-Pallahat Dist-Khordha 752056, Khordha, Odisha, dm-khurda@nic.in
3. The Member Secretary, SPCB/PCC, Paribesh Bhawan A-118 Nilakantha Nagar Unit-Viii, Bhubaneswar, Odisha, membersecretary@ospcboard.org
4. The Monitoring Cell MoEFCC, Compliance & Monitoring Division, Indira Paryavaran Bhawan Jor Bagh Road New Delhi, South, Delhi, moefcc-monitoring@gov.in
5. The Member Secretary, CPCB, Parivesh Bhawan Cbd-Cum-Office Complex East Arjun Nagar, East, Delhi, mscb.cpcb@nic.in
6. The Deputy Director General, Regional Office, "Deputy Director General Of Forests (C) Ministry Of Environment Forest And Climate Change Regional Office A/3 Chandshekharapur Bhubaneswar-751023", N/A, N/A, roez.bsr-mef@nic.in

#### 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. |

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.3   | The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1.4   | All the directions and environmental safeguards prescribed by the SPCB vide letter dated 03.07.2026 for the instant proposal in pursuance to the MoEF&CC O.M. dated 14.01.2025 and its subsequent amendment shall be complied with. Compliance in this regard shall be submitted to the Regional Office of MoEF&CC/SPCB along with the six-monthly compliance report.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.5   | Village Gangadharapur is located at a distance of about 0.7 km in the north-eastern direction. Other nearby habitations include Gediapalli (1.0 km, E), Kadhamalla (1.0 km, N), Nuagan (1.0 km, SSE), Samukapatana (1.2 km, E), Hemantapur (1.2 km, ESE), Shalatara (1.5 km, ENE), Gaurhapatana (1.5 km, SE), Kadabereni (2.0 km, NW) and Manibandha (2.0 km, S). The nearest educational institutions are Paikarapur Primary School (0.9 km, ENE) and Kadhamalla U.G.M.E. School (1.0 km, N). The nearest places of worship are Trinath Temple (1.0 km, NE) and Maa Tarini Temple (1.0 km, N). Other sensitive receptors include Manibandha Reserved Forest, located about 0.7 km in the WSW direction. Project Proponent shall implement a village-wise plan for implementation of environmental safeguards and mitigation measures for habitations falling within 3 km radial distance. The plan shall address environmentally sensitive receptors, covering villages, places of worship, educational institutions, hospitals, water bodies, forests, ASI site, and other environmentally vulnerable locations. The plan shall address each receptor individually to address adverse impacts of project activities. The PP shall also include some of these locations in its environmental monitoring programme. |
| 1.6   | Project Proponent shall, in consultation with a reputed public health institution/agency, carry out a baseline and periodic epidemiological study of the nearby villages to assess potential health impacts arising from project activities. Based on the findings, the project proponent shall establish and implement a health monitoring system for regular medical check-ups of the local population, and take suitable preventive and remedial measures to address any adverse health outcomes, with records maintained and reported to the concerned regulatory authorities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1.7   | The nearby water bodies comprise Pond PS-1 (0.2 km, W), Pond PS-2 (0.4 km, NNW), Pond NU-1 (0.8 km, SE), Pond MF-1 (0.9 km, NW), Pond GE-1 (1.0 km, E), and Kaligiri Nadi, located about 3.0 km in the WSW direction along with other water bodies within the study area of the project site. Robust and foolproof Drainage Conservation measures to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented for all the water bodies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1.8   | Project Proponent shall ensure effective pollution control and environmental management measures so that no adverse impact on the nearby reserved forest areas occurs due to project activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1.9   | The water requirement for the proposed project is estimated as 7000 m <sup>3</sup> /day, which will be met from surface water (Mahanadi River). PP shall secure the required approval from the appropriate authority.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.10  | Green Belt shall be developed in 10.117 ha (25% of the total project area) within a period of 1 year and maintained in conformity with MoEF&CC's OM vide F.No. IA3-22/14/2025-IA.III (E-275538) dated 29.10.2025. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.11  | The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked area as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at ( <a href="https://merilife.nic.in">https://merilife.nic.in</a> ). Action point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 shall be strictly implemented, which is amounting to approx. Rs. 19.125 crores. The action plan shall also cover activities related to (i) promotion of environmental education and awareness (including green skills), and (ii) sub-plan to address the vulnerable sections ( <i>such as the elderly, children, pregnant women, persons with disabilities, and the terminally ill</i> ). An institutional mechanism shall be developed for monitoring the implementation of the commitments made, which shall also manage and address public grievances. All the assets created by the company through PH Action Plan shall be maintained by the company under CSR funds / any other defined fund. The progress of implementation of PH Action plan and grievance redressal shall be submitted regularly to the Regional Office of MoEF&CC. |
| 1.13  | PP shall implement the skill development programs, in alignment with relevant Government initiatives/ programmes (like Mission LiFE, ODOP, GSDP etc.) to enhance employability and livelihood opportunities for local communities. These programs shall be designed in consultation with the concerned authorities, such as the District Skill Development Mission, State Government agencies, or other relevant institutions. A detailed action plan and monitoring mechanism (covering target beneficiaries, training modules, and expected outcomes) be prepared for the above. Periodic progress reports shall be maintained, and submitted to RO MoEFCC.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1.14  | The Solid Waste Management Plan for the proposed project shall be implemented in accordance with the Solid Waste Management Rules, 2026 (effective from 1st April, 2026), as amended from time to time. Detailed provisions for segregation, collection, storage, processing, treatment and disposal of solid waste, along with institutional mechanism and compliance framework, shall be prepared and implemented.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.15  | PP shall Install CO sensors with alarms at strategic locations in the Plant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1.16  | PP shall implement cleaner production and waste minimisation measures, and initiate coordinated action on activities of environmental awareness, education and conservation (covering plantation, solar energy, water harvesting, waste management, green skills etc.) through a dedicated institutional mechanism. The actions shall be monitored reported to RO MoEFCC on regular basis through the self compliance reporting mechanism.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1.17  | PP shall establish a dedicated in-house Research & Development (R&D) cell aimed at identifying, evaluating, and implementing emerging clean technologies. The focus of this cell will be on enhancing process efficiency, minimizing waste generation, and promoting circular economy practices within the plant operations. The effectiveness of the R&D initiatives shall be reviewed periodically, and outcomes contributing to sustainability shall be documented and reported Action point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1.18  | The project proponent shall conduct periodic soil health monitoring in and around the plant premises, including agricultural fields within a 5 km radius, to assess potential impacts from industrial operations. Soil samples shall be analyzed at least twice a year for parameters including pH, electrical conductivity, organic carbon, macronutrients (N, P, K), micronutrients (Zn, Fe, Mn, Cu), and heavy metals (As, F, Pb, Hg, Cd, Cr). The results shall be recorded, compiled and submitted to the State Pollution Control Board and Regional Office of MoEF&CC, and remedial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | measures shall be undertaken in case of any adverse trends.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1.19  | 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.                                                                                                                                                                                                                                                                      |
| 1.20  | PP shall implement a Green Mobility Plan within the plant premises in a phased manner, including the use of electric transport for employees and materials, to minimize vehicular emissions and congestion.                                                                                                                                                                                                                                                                                                                                                       |
| 1.21  | PP shall install windscreen barriers/ wind-breaking walls along village-facing boundaries to reduce dust dispersion.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1.22  | PP shall undertake periodic monitoring of Titanium (Ti) in soil and groundwater, and Titanium Dioxide (TiO <sub>2</sub> ) in ambient air. In addition, sulphuric acid mist and SO <sub>2</sub> emissions from the Sulphuric Acid Plant shall be monitored as per applicable standards, and the results shall form part of the six-monthly EC compliance reports                                                                                                                                                                                                   |
| 1.23  | PP shall ensure that storage, handling and transfer of sulphuric acid are carried out in accordance with the provisions of the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended. All storage tanks shall be provided with impervious dyke walls, acid-resistant flooring, spill collection arrangements, leak detection systems and emergency response facilities.                                                                                                                                                          |
| 1.24  | Project Proponent shall maintain a fully equipped ambulance, along with trained medical personnel and necessary first-aid and emergency response facilities, for round-the-clock emergency medical services within the project premises.                                                                                                                                                                                                                                                                                                                          |
| 1.25  | PP shall ensure 100% utilization of all co-products and process residues, including ferrous sulphate, gypsum, fly ash, boiler ash and unreacted sand, in accordance with applicable statutory provisions. Any residue found to be hazardous shall be disposed of only through authorized facilities after due characterization.                                                                                                                                                                                                                                   |
| 1.26  | PP shall implement adequate safeguards to protect the nearby ponds and Kaligiri Nadi from any adverse impact due to project activities. No untreated effluent, contaminated storm water or accidental chemical spill shall be allowed to enter any surface water body. Periodic monitoring of nearby surface water bodies shall be carried out as part of the environmental monitoring programme.                                                                                                                                                                 |
| 1.27  | The Project Proponent shall prepare and implement a site-specific Standard Operating Procedure for the receipt, unloading, transfer, storage and handling of Hydrochloric Acid (HCl) and Sulphuric Acid (H <sub>2</sub> SO <sub>4</sub> ). The acids shall be stored separately in compatible, corrosion-resistant tanks within impervious, acid-resistant dyke areas of adequate containment capacity, with level indicators, high-level alarms, leak-detection systems, emergency isolation arrangements and separate collection and neutralisation facilities. |
| 1.28  | The acid storage and handling areas shall be provided with emergency showers, eye-wash stations, suitable personal protective equipment, spill-control and neutralising materials, adequate ventilation                                                                                                                                                                                                                                                                                                                                                           |

| S. No | EC Conditions                                                                                                                                                                                                                                                                          |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | and prominently displayed Safety Data Sheets. An On-site Emergency Plan shall be implemented, periodic safety audits and mock drills shall be conducted, and no acid-contaminated effluent or runoff shall be discharged into the storm-water drainage system, land or any water body. |

**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. (case to case basis small plants: Manual; Large plants: Continuous and their no's.) |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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; Use closed bulkers for carrying fly ash.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2.9   | Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.10  | Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2.11  | Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.12  | 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. |
| 2.13  | Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2.14  | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2.15  | The particulate matter emissions from the process stacks shall be less than 30 mg/Nm <sup>3</sup> and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.16  | 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.                                                                                                                                                                                            |
| 2.17  | During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented                                                                                                                                                                                                                                                                                                                                                               |
| 2.18  | The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m <sup>3</sup> , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948                                                                                                                                                                                                                                                                                                                                                                                                             |

### 3. Water Quality Monitoring And Preservation

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3.1   | 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. |
| 3.2   | 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.                                                                                                                            |
| 3.3   | 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.                                                                                                                                                                                                                                                |
| 3.4   | Water meters shall be provided at the inlet to all unit processes in the steel plants.                                                                                                                                                                                                                                                                                                                                             |
| 3.5   | 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.                                                                                                                                                                                                                                             |
| 3.6   | 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.                                                                                         |
| 3.7   | 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.                                                                                                                                              |
| 3.8   | Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.                                                                                                                                                                                                                                                                                                       |
| 3.9   | Air Cooled condensers shall be used in the captive power plant                                                                                                                                                                                                                                                                                                                                                                     |

#### 4. Noise Monitoring And Prevention

| S. No | EC Conditions                                                                                                                                                                                                                                                      |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.1   | 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. |
| 4.2   | 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.                                                                                                          |
| 4.3   | PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.                                                                |

#### 5. Energy Conservation Measures

| S. No | EC Conditions                                                                                                                                                                      |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.1   | 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; |
| 5.2   | Provide LED lights in their offices and residential areas.                                                                                                                         |

## 6. Waste Management

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.1   | Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6.2   | Kitchen waste shall be composted or converted to biogas for further use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6.3   | 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. <b>Action point</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6.4   | 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 <a href="https://cpcb.nic.in/technical-guidelines-3/">https://cpcb.nic.in/technical-guidelines-3/</a> . 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. |
| 6.5   | A proper action plan must be implemented to dispose of the electronic waste generated in the industry.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## 7. Green Belt

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.1   | 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.                                                                                                                                                                                                                                                                                                                                                                                                   |
| 7.2   | 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. |
| 7.3   | Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## 8. Public Hearing And Human Health Issues

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                         |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.1   | Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.                                                                                                                                                                                                          |
| 8.2   | 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.                                                                                                                                                                   |
| 8.3   | 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. |
| 8.4   | Occupational health surveillance of the workers shall be done on a regular basis and records maintained.                                                                                                                                                                                                                                              |

## 9. Environment Management

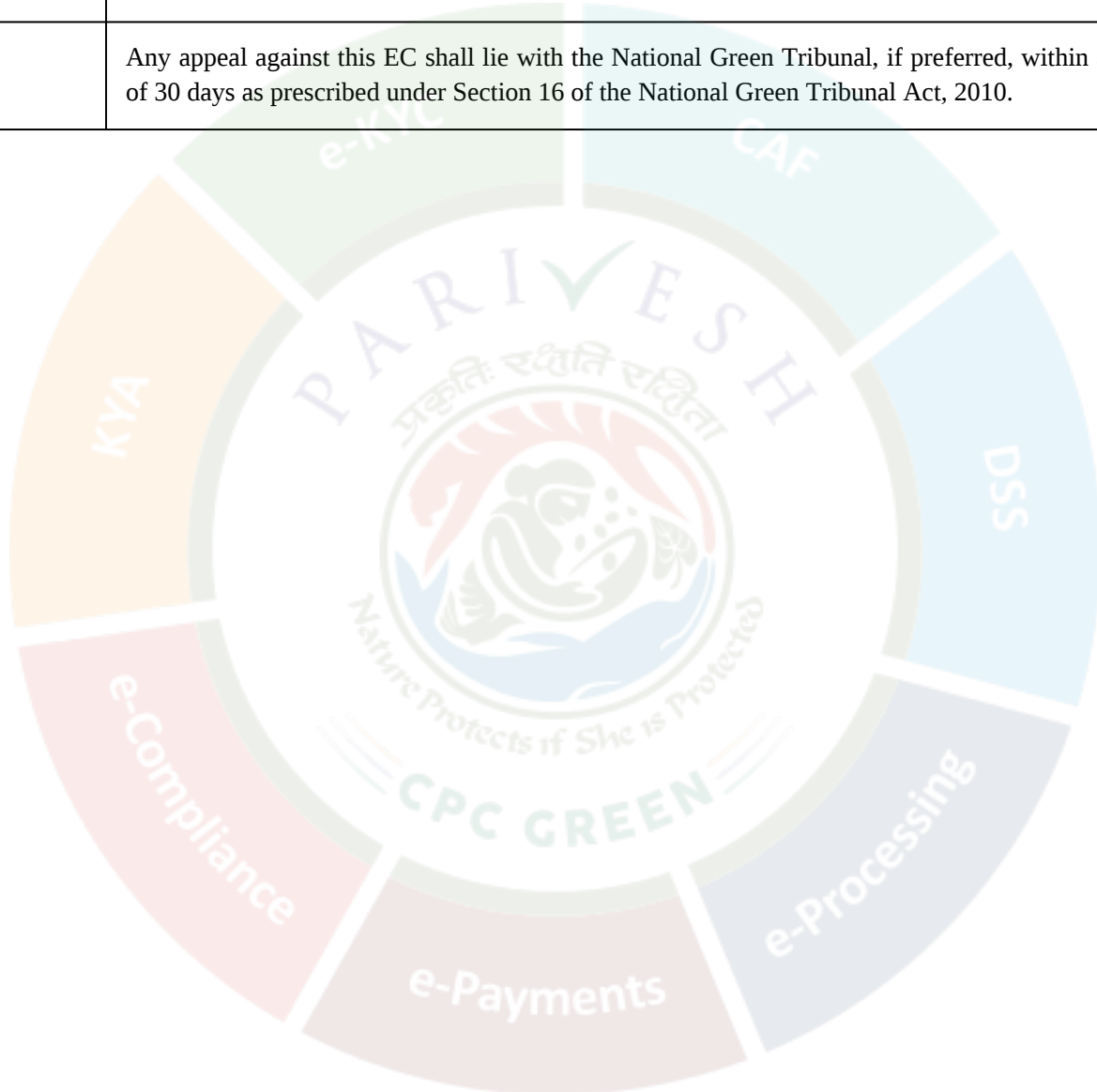
| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.1   | 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.                                                                                                                                                                                                                                        |
| 9.2   | 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. |
| 9.3   | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 9.4   | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## 10. Miscellaneous

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.1  | 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. <b>Action Point</b> |

| S. No | EC Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.2  | 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. <b>Action point</b>                                                                                                                                                                                    |
| 10.3  | 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.                                                                                                                                                                                                                                                                              |
| 10.4  | 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.                                                                                                                                                                          |
| 10.5  | Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented                                                                                                                                                                                                                                                                                                                                                                          |
| 10.6  | 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 Climate Change at environment clearance portal.                                                                                                                                                                                                                                                 |
| 10.7  | 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.                                                                                                                                                                                                                |
| 10.8  | 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.                                                                                                                                                                                                                        |
| 10.9  | 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.                                                                                                                                                                                                                                                                   |
| 10.10 | 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.                                                                                                                                                 |
| 10.11 | 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. |
| 10.12 | 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).                                                                                                                                                                                                                                                                                                                        |
| 10.13 | 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.                                                                                                                                                                                                                                                                                      |

| S. No | EC Conditions                                                                                                                                                                                                                                                   |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.14 | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.                                                                                                                                         |
| 10.15 | The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.                                                                                                     |
| 10.16 | 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. |
| 10.17 | 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.                                                                        |



| S. No          | Particulars                                                     | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
|----------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------|---------------|------------|-------------|------|------|-------------|------|-----|-------------|------|----|-------------|------|----|-------------|------|------|---------------|-----|-----|
| a.             | Terms of Reference for undertaking EIA study                    | <table><tr><th>Date of accord</th><th>ToR Validity</th></tr><tr><td>16.03.2026</td><td>15.03.2030</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  | Date of accord | ToR Validity  | 16.03.2026 | 15.03.2030  |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| Date of accord | ToR Validity                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| 16.03.2026     | 15.03.2030                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| b.             | Period of baseline data collection                              | Winter Season<br>(December, 2025 to February, 2026)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| c.             | Date of Public Consultation                                     | 12.06.2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| d.             | Action plan to address the PH issues                            | Action plan as per MoEF&CC O.M. dated 30/09/2020 to address the issues based on socio-economic study is attached as Annexure IV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| e.             | Location of the project                                         | located at Village: Sahaspur, Tehsil: Bolagarh, District: Khorda, Odisha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| f.             | Total land                                                      | 40.46 Ha. [Govt. land]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| g.             | Land acquisition details as per MoEF&CC O.M. dated 7/10/2014    | Complete land is allotted by Odisha Industrial Infrastructure Development (IDCO)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| h.             | Existence of habitation & involvement of R&R, if any            | R & R : Not involved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| i.             | Elevation of the project site                                   | 295 – 307 m above mean sea level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| j.             | Involvement of Forest land if any.                              | No involvement of Forest Land.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| k.             | Water body exists within the project site as well as study area | <p><b>Project Site:</b> No water Body exist within project site<br/><b>Study Area:</b> 5 Ponds are present within 1 km radius and 1 surface water body is present within 10 km radius:</p> <table><tr><th>Water body</th><th>Distance (km)</th><th>Direction</th></tr><tr><td>PS 1 (Pond)</td><td>~0.2</td><td>West</td></tr><tr><td>PS 2 (Pond)</td><td>~0.4</td><td>NNW</td></tr><tr><td>NU 1 (Pond)</td><td>~0.8</td><td>SE</td></tr><tr><td>MF 1 (Pond)</td><td>~0.9</td><td>NW</td></tr><tr><td>GE 1 (Pond)</td><td>~1.0</td><td>East</td></tr><tr><td>Kaligiri Nadi</td><td>3.0</td><td>WSW</td></tr></table> |  |  | Water body     | Distance (km) | Direction  | PS 1 (Pond) | ~0.2 | West | PS 2 (Pond) | ~0.4 | NNW | NU 1 (Pond) | ~0.8 | SE | MF 1 (Pond) | ~0.9 | NW | GE 1 (Pond) | ~1.0 | East | Kaligiri Nadi | 3.0 | WSW |
| Water body     | Distance (km)                                                   | Direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| PS 1 (Pond)    | ~0.2                                                            | West                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| PS 2 (Pond)    | ~0.4                                                            | NNW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| NU 1 (Pond)    | ~0.8                                                            | SE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| MF 1 (Pond)    | ~0.9                                                            | NW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| GE 1 (Pond)    | ~1.0                                                            | East                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| Kaligiri Nadi  | 3.0                                                             | WSW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |
| l.             | Existence of ESZ / ESA / national park / wildlife Sanctuary /   | <p>No National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger / Elephant Reserves, Wildlife Corridors etc. within 10 km radius.</p> <p><b>List of Reserved and protected forests:</b> 04 Reserved / Protected Forests are found within 10 km radius of Project Site</p>                                                                                                                                                                                                                                                                                                                                     |  |  |                |               |            |             |      |      |             |      |     |             |      |    |             |      |    |             |      |      |               |     |     |

| S. No | Particulars                                                                            | Details                                                                                                                                                                                     |               |           |
|-------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
|       | biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area | RF / PF                                                                                                                                                                                     | Distance (Km) | Direction |
|       |                                                                                        | Manibandha RF                                                                                                                                                                               | ~0.7          | WSW       |
|       |                                                                                        | Puinchia RF                                                                                                                                                                                 | ~3.5          | NE        |
|       |                                                                                        | Pangarasingha RF                                                                                                                                                                            | ~8.5          | ENE       |
|       |                                                                                        | Pithakhai RF                                                                                                                                                                                | ~8.5          | WNW       |
| m.    | List of Reserved and protected forests                                                 | RF / PF                                                                                                                                                                                     | Distance (Km) | Direction |
|       |                                                                                        | Manibandha RF                                                                                                                                                                               | ~0.7          | WSW       |
|       |                                                                                        | Puinchia RF                                                                                                                                                                                 | ~3.5          | NE        |
|       |                                                                                        | Pangarasingha RF                                                                                                                                                                            | ~8.5          | ENE       |
|       |                                                                                        | Pithakhai RF                                                                                                                                                                                | ~8.5          | WNW       |
| n.    | CRZ                                                                                    | Not Applicable                                                                                                                                                                              |               |           |
| o.    | Project cost                                                                           | The capital cost of the project is Rs. 1275 Crores                                                                                                                                          |               |           |
| p.    | EMP cost                                                                               | The capital cost for environmental protection measures is proposed as Rs. 75 Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs. 5.65 Crores |               |           |
| q.    | Employment opportunity                                                                 | The employment generation from the proposed project is 1000 persons (600 Permanent and 400 contractual).                                                                                    |               |           |
| r.    | Water and Power requirement                                                            | The water requirement for the proposed project is estimated as 7000 m3/day<br>The power requirement for the proposed project is estimated as 25 MW                                          |               |           |
| s.    | CPA/SPA                                                                                | No                                                                                                                                                                                          |               |           |
| t.    | Interlinked project                                                                    | No                                                                                                                                                                                          |               |           |

The unit configuration and capacity of proposed project are provided below.

| S. No. | Plant Equipment / Facility | Proposed units               |                           | Products and Co-products                   |
|--------|----------------------------|------------------------------|---------------------------|--------------------------------------------|
|        |                            | Configuration                | Production                |                                            |
| 1      | Titanium dioxide Plant     | 1 x 120 TPD                  | 40,000 TPA                | Titanium Dioxide Pigment                   |
|        |                            |                              | 1,20,000 TPA              | Ferrous Sulphate Heptahydrate (Co-product) |
|        |                            |                              | 14,000 TPA                | Ferrous Sulphate Monohydrate (Co-product)  |
|        |                            |                              | 90,000 TPA                | Gypsum (Co-product)                        |
| 2      | Sulphuric Acid Plant       | 1 x 400 TPD                  | 1,20,000 TPA              | Sulphuric Acid                             |
| 3      | Producer Gas Plant         | 2 x 8000 Nm <sup>3</sup> /Hr | 16000 Nm <sup>3</sup> /Hr | Producer Gas                               |
| 4      | Brick Manufacturing Unit   | 40,000 Bricks / Day          | 40,000 Bricks / Day       | Bricks                                     |
| 5      | Co-generation Power Plant  | 2 x 50 TPH AFBC boiler       | 12.75 MW                  | Steam and Power                            |
|        |                            | 1 x 16 TPH WHRB boiler       |                           |                                            |

## Action plan as per MoEF&amp;CC O.M.

| S. No.                                            | Particulars                                        | Physical activity and action plan                      | UOM                      | Physical activity and action plan                          | UOM                      | Physical activity and action plan                             | UOM                            | Tentative Budget (Lakhs) |
|---------------------------------------------------|----------------------------------------------------|--------------------------------------------------------|--------------------------|------------------------------------------------------------|--------------------------|---------------------------------------------------------------|--------------------------------|--------------------------|
|                                                   |                                                    | To be implemented in 1 <sup>st</sup> year              |                          | To be implemented in 2 <sup>nd</sup> Year                  |                          | To be implemented in 3 <sup>rd</sup> Year                     |                                |                          |
| Skill Development and Education                   |                                                    |                                                        |                          |                                                            |                          |                                                               |                                |                          |
| 1                                                 | Villages Gediapalli, Hematapur, Samukapatan        | Provision of Sports Equipment, Furniture and Computers | 1 School in each Village | Boundary Wall Construction                                 | 2 Schools                | Establishing Vocational Training Centre in Gediapalli Village | 1 Centre                       | 145                      |
| 2                                                 | Village Shalataara (Gurukul Siksha Niketan School) | Repair and Ceiling Works, Provision of furniture       | 1 School                 | Boundary Work, Provision of Sports Equipment and Computers | 1 School                 | Provision of inverter and Solar lights                        | 2 Inverters and 5 solar Lights | 55                       |
| 3                                                 | Villages Purbagarhia, Kadhamala and Puinchia       | Repair of School, Provision of Furniture               | 1 School in each Village | Classroom improvement & electrical repair                  | 1 School in each Village | Provision of Computers and Sports equipment                   | 1 School in each Village       | 75                       |
| Sub-Total (A)                                     |                                                    |                                                        |                          |                                                            |                          |                                                               |                                | 275                      |
| Development and Support to Health care facilities |                                                    |                                                        |                          |                                                            |                          |                                                               |                                |                          |
| 1                                                 | Village Gediapalli                                 | Development of Primary Heath & Wellness Centre         | 1 Centre                 | Provision of Ambulance                                     | 1 Nos.                   | Health Camps & Telemedicine Facility                          | 5 Camps                        | 154                      |
| 2                                                 | Villages Manibandha and Gaurhapatana               | Procurement of Medical Equipment & Furniture           | In 2 PHCs                | Provision of Ambulance                                     | 1 Nos.                   | Health Camps                                                  | 10 Camps                       | 100                      |
| 3                                                 | Villages Gediapalli. Manibandha and Gaurahapatana  | Nutritional food for 4,000 TB patients                 | 24 Lakhs                 | Nutritional food for 4,000 TB patients                     | 24 Lakhs                 | -                                                             | -                              | 48                       |
| Sub-Total (B)                                     |                                                    |                                                        |                          |                                                            |                          |                                                               |                                | 302                      |
| Water Infrastructure Development                  |                                                    |                                                        |                          |                                                            |                          |                                                               |                                |                          |
| 1                                                 | Village Gediapalli                                 | Install Submersible Motor and Pump for                 | 2 Nos.                   | Development of Pond                                        | 1 Nos.                   | Pond Beautification                                           | Plantation around Pond         | 40                       |

| S. No.                                                                  | Particulars                                              | Physical activity and action plan                          | UOM     | Physical activity and action plan                | UOM                | Physical activity and action plan                          | UOM                    | Tentative Budget (Lakhs) |
|-------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------|---------|--------------------------------------------------|--------------------|------------------------------------------------------------|------------------------|--------------------------|
|                                                                         |                                                          | To be implemented in 1 <sup>st</sup> year                  |         | To be implemented in 2 <sup>nd</sup> Year        |                    | To be implemented in 3 <sup>rd</sup> Year                  |                        |                          |
|                                                                         |                                                          | agricultural fields                                        |         |                                                  |                    |                                                            |                        |                          |
| 2                                                                       | Village Godupangi                                        | -                                                          | -       | Development of Pond                              | 1 Nos.             | Install Submersible Motor and Pump for agricultural fields | 2 Nos.                 | 30                       |
| 3                                                                       | Village Sahaspur                                         | Development of Pond                                        | 1 Nos.  | Installation of Cool and Drinking water facility | 1 Nos.             | -                                                          | -                      | 25                       |
| 4                                                                       | Village Manibandha                                       | Drinking Water Facilities                                  | 1 Nos.  | Construction of New Well                         | 1 Nos.             | -                                                          | -                      | 25                       |
| 5                                                                       | Village Gaurnuagaon                                      | Install Submersible Motor and Pump for agricultural fields | 3 Nos.  | -                                                | -                  | Development of Pond                                        | 1 Nos.                 | 35                       |
| 6                                                                       | Village Paikarapur                                       | -                                                          | -       | Development of Pond                              | 1 Nos.             | Pond Beautification                                        | Plantation around Pond | 25                       |
| 7                                                                       | Villages in Puinchia Grampanchayat                       | Upgradation of Pond                                        | 2 Nos   | Installation of Cool and Drinking water facility | 3 Nos.             | -                                                          | -                      | 30                       |
| 8                                                                       | Village Samukapatana                                     | -                                                          | -       | -                                                | -                  | Development and Beatification of Pond                      | 1 Nos.                 | 30                       |
| <b>Sub-Total (C)</b>                                                    |                                                          |                                                            |         |                                                  |                    |                                                            |                        | <b>240</b>               |
| <b>Development / Repairing of Roads and Electrification of Villages</b> |                                                          |                                                            |         |                                                  |                    |                                                            |                        |                          |
| 1                                                                       | Village Gediapalli, Godupangi, Samukapatana and Sahaspur | Development of Roads                                       | 4 Roads | Installation of Solar Street Lights              | 15 in each village | -                                                          | -                      | 100                      |
| 2                                                                       | Village Manibandha                                       | Repair of Baritala road                                    | 1 Road  | Installation of Solar Street Lights              | 20 Nos.            | -                                                          | -                      | 55                       |

| S. No.                                   | Particulars                                             | Physical activity and action plan            | UOM              | Physical activity and action plan                                             | UOM              | Physical activity and action plan           | UOM                | Tentative Budget (Lakhs) |
|------------------------------------------|---------------------------------------------------------|----------------------------------------------|------------------|-------------------------------------------------------------------------------|------------------|---------------------------------------------|--------------------|--------------------------|
|                                          |                                                         | To be implemented in 1 <sup>st</sup> year    |                  | To be implemented in 2 <sup>nd</sup> Year                                     |                  | To be implemented in 3 <sup>rd</sup> Year   |                    |                          |
| 3                                        | Village Paikarapur, Kadhamala, Somnathpur               | -                                            | -                | Development of Roads                                                          | 3 Roads          | Installation of Solar Street Lights         | 15 in each village | 55                       |
| <b>Sub-Total (D)</b>                     |                                                         |                                              |                  |                                                                               |                  |                                             |                    | <b>210</b>               |
| <b>Community and Village Development</b> |                                                         |                                              |                  |                                                                               |                  |                                             |                    |                          |
| 1                                        | Village Gediapalli                                      | Renovation of Temple; Repair of Playground   | 2 Nos.<br>1 Nos. | Development of Community Centre, Construction of Public Bathrooms and Toilets | 1 Nos.<br>1 Nos. | Development of Cremation Ground             | 1 Nos.             | 60                       |
| 2                                        | Village Godupangi                                       | -                                            | -                | Renovation of Temple                                                          | 1 Nos.           | Community Hall repair                       | 1 Nos.             | 20                       |
| 3                                        | Village Sahaspur                                        | Development of Community Centre              | 1 Nos.           | Construction of Public Bathrooms and Toilets                                  | 1 Nos.           | Development of Cremation Ground             | 1 Nos.             | 25                       |
| 4                                        | Village Manibandha                                      | Construction of Public Bathrooms and Toilets | 1 Nos.           | Renovation of Temples                                                         | 3 Nos.           | -                                           | -                  | 25                       |
| 5                                        | Village Paikarapur                                      | Repair of Playground                         | 1 Nos.           | -                                                                             | -                | Renovation of Temple                        | 1 Nos.             | 25                       |
| 6                                        | Villages in Puinchia Grampanchayat                      | Upgradation of Playground                    | 2 Nos.           | Renovation of Temples, Construction of Public Bathrooms and Toilets           | 3 Nos.<br>2 Nos. | Upgradation of Community Hall in Kothagarha | 1 Nos.             | 45                       |
| 7                                        | Village Samukapatana                                    | Renovation of Temple                         | 1 Nos.           | -                                                                             | -                | Development of Cremation Ground             | 1 Nos.             | 20                       |
| 8                                        | Village Somnathpur                                      | Renovation of Temple                         | 1 Nos.           | -                                                                             | -                | Preparation of Bus Shelter                  | 1 Nos.             | 15                       |
| <b>Sub-Total (E)</b>                     |                                                         |                                              |                  |                                                                               |                  |                                             |                    | <b>235</b>               |
| <b>Sustainability of Livelihood</b>      |                                                         |                                              |                  |                                                                               |                  |                                             |                    |                          |
| 1                                        | Village Gediapalli, Samukapatana, Shalata, (Training on | Provision of Self-Help Groups                | 5 Batches        | Distribution of Tool Kits                                                     | 5 Batches        | -                                           | -                  | 30                       |

| S. No.                                                        | Particulars                                                                 | Physical activity and action plan                                                                                                                                                                                                             | UOM                          | Physical activity and action plan                                               | UOM                           | Physical activity and action plan                        | UOM                                    | Tentative Budget (Lakhs) |
|---------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------|----------------------------------------|--------------------------|
|                                                               |                                                                             | To be implemented in 1 <sup>st</sup> year                                                                                                                                                                                                     |                              | To be implemented in 2 <sup>nd</sup> Year                                       |                               | To be implemented in 3 <sup>rd</sup> Year                |                                        |                          |
|                                                               | Hemantapur and Sahaspur                                                     | Stitching / Fisheries / Handicrafts)                                                                                                                                                                                                          |                              |                                                                                 |                               |                                                          |                                        |                          |
| 2                                                             | Village Puinchia, Kadhamala, Purbagrahia, Kodabereni                        | -                                                                                                                                                                                                                                             | -                            | Provision of Self-Help Groups (Training on Stitching / Fisheries / Handicrafts) | 4 Batches                     | Distribution of Tool Kits                                | 4 Batches                              | 20                       |
| 3                                                             | Villages Manibandha, Nuagan, Barhapadara, Dadarakanta Sarasahi, Gaurnuagaon | -                                                                                                                                                                                                                                             | -                            | Provision of Self-Help Groups (Training on Stitching / Fisheries / Handicrafts) | 5 Batches                     | Distribution of Tool Kits                                | 5 Batches                              | 30                       |
| Sub-Total (F)                                                 |                                                                             |                                                                                                                                                                                                                                               |                              |                                                                                 |                               |                                                          |                                        | 80                       |
| Avenue and Community Plantation                               |                                                                             |                                                                                                                                                                                                                                               |                              |                                                                                 |                               |                                                          |                                        |                          |
| 1                                                             | Village Gediapalli, Godupangi, Samukapatana and Sahaspur                    | Roadside Plantation                                                                                                                                                                                                                           | 600 Saplings in each village | Community Plantation                                                            | 1000 Saplings in each village | Water tanker for watering saplings                       | 1 Nos.                                 | 55                       |
| 2                                                             | Village Paikarapur, Kadhamala, Somnathpur                                   | -                                                                                                                                                                                                                                             | -                            | Roadside Plantation                                                             | 400 Saplings in each village  | Community Plantation, Water tanker for watering saplings | 800 Saplings in each village<br>1 Nos. | 50.5                     |
| 3                                                             | Villages Manibandha, Barhapadara, Gaurnuagaon                               | Roadside Plantation                                                                                                                                                                                                                           | 400 Saplings in each village | Water tanker for watering saplings                                              | 1 Nos.                        | Community Plantation                                     | 800 Saplings in each village           | 65                       |
| Sub-Total (G)                                                 |                                                                             |                                                                                                                                                                                                                                               |                              |                                                                                 |                               |                                                          |                                        | 170.5                    |
| Total CER budget                                              |                                                                             |                                                                                                                                                                                                                                               |                              |                                                                                 |                               |                                                          |                                        | 1512.5                   |
| Model Village Development                                     |                                                                             | 4 Villages (Gangadgarapur, Gediapalli, Kadhamala and Nuagan) are proposed to be adopted by M/s. Shri Bajrang Power and Metallics Limited under Model Village Development Plan. Budget of 100 Lakh Rupees has been allocated for each village. |                              |                                                                                 |                               |                                                          |                                        | 400                      |
| Total budget for CER activities and Model Village Development |                                                                             |                                                                                                                                                                                                                                               |                              |                                                                                 |                               |                                                          |                                        | 1912.5                   |