



File No: J-11011/465/2022-IA-II(IND-I)

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



Date 03/11/2023



To,

M/s. LLOYDS METALS AND ENERGY LIMITED
At MIDC Konsari, Village: Konsari, Tahsil: Chamorshi, Dist: Gadchiroli, Maharashtra, Konsari,
GADCHIROLI, MAHARASHTRA, 442603
Email : lloyds.gadchiroli@gmail.com

Subject: Expansion of Project by Installation of 2 x 4.5 MTPA Iron Ore Grinding Unit, 10 MTPA Thickening & Filtration Unit and 2 X 4 MTPA Iron Ore Pellet Plant by M/s Lloyds Metals & Energy Limited, located at Plot A-1, MIDC Konsari, Village: Konsari, Tahsil: Chamorshi, Dist: Gadchiroli, Maharashtra –Grant of Environmental Clearance under the provisions EIA Notification, 2006 -regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/MH/IND1/441167/2023 dated 22/08/2023 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof. Further, the PP has uploaded the information 05.10.2023.

2. The particulars of the proposal are as below :

| | |
|--|--|
| (i) EC Identification No. | EC23A1006MH5717615N |
| (ii) File No. | J-11011/465/2022-IA-II(IND-I) |
| (iii) Clearance Type | Fresh EC |
| (iv) Category | A |
| (v) Project/Activity Included Schedule No. | 3(a) Metallurgical Industries (ferrous and non ferrous) |
| (vi) Sector | Industrial Projects - 1 Expansion of Project by Installation of 2 x 4.5 MTPA Iron Ore Grinding Unit, 10 MTPA Thickening & Filtration Unit and 2 X 4 MTPA Iron Ore Pellet Plant at Plot A-1, MIDC Konsari, Village: Konsari, Tahsil: Chamorshi, Dist: Gadchiroli, Maharashtra by Lloyds Metals & |
| (vii) Name of Project | |

| | |
|--|---|
| (viii) Name of Company/Organization | Energy Limited. M/s LLOYDS METALS AND ENERGY LIMITED |
| (ix) Location of Project (District, State) | GADCHIROLI, MAHARASHTRA |
| (x) Issuing Authority | MoEF&CC |
| (xi) Applicability of General Conditions as per EIA Notification, 2006 | No |

3. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is covered schedule S. No. 3(a) Metallurgical Industries (ferrous & non-ferrous) under Category "A" of the schedule of the EIA Notification, 2006 and being appraised at Central Level.

4. The proposal is considered in the **44th meeting of the EAC for Industry-I sector held during on 20th – 21st September, 2023**, wherein the Committee, after detailed deliberations, recommended the proposal. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.

5. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are given at **Annexure 1**, Unit configuration and capacity are given at **Annexure II** and PH action plan given at **Annexure III**.

6. The EAC, in its meeting held during on 20th – 21st September, 2023, inter-alia, deliberated the following:

1. The instant proposal is for expansion of Project by Installation of 2 x 4.5 MTPA Iron Ore Grinding Unit, 10 MTPA Thickening & Filtration Unit and 2 X 4 MTPA Iron Ore Pellet Plant.
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 the deliberations accordingly.

6. The existing project was accorded Environmental Clearance from SEIAA, Maharashtra vide letter no. SIA/MH/IND/70624/2018 dated 29.08.2022. The construction work of the existing project is under progress with valid Environmental Clearance and Consent to Establish (Consent No. Format1.0/CC/UAN No.0000129554/CE/2207000292 dated 06/07/2022) issued by Maharashtra Pollution Control Board. No CTO is granted.
7. The total revised project area is 50.29 ha [Govt. land]. This land is under the possession of the company. Land has been allotted by MIDC to M/s Lloyds Metals and Energy Limited. The Dy. Conservator of Forest vide letter dated 16.01.2023 confirmed that the instant project does not involve any forest land.
8. The nearest habitation to plant is Konsari village at distance of 0.5 Km in SSW Direction. Markhanda RF is at 0.3 km in East direction and shares common boundary with plot in North direction. Also there are schools and health centre/hospital nearby along with other sensitive areas within the study area of the project site. The EAC is of the opinion that PP shall strictly implement the environmental safeguard measures proposed to minimise the impact on the habitation of the locals.
9. The Konsari Lake (0.7 km, SW), Varti Wagu stream (3.0 Km, SW), Uksa Wagu Stream (4.5 Km, SE), Wainganga River (6.0 Km, W), Andhari River (7.5 Km, SW) and Deotri Nala (4.0 Km, S) are flowing within the study area of the project site. The EAC is of the opinion that the water bodies shall not be disturbed.
10. The Committee noted that the ESZ of the Chaprala Wildlife Sanctuary is at a distance of 2.80 km from the project site boundary. The Chaprala Wildlife Sanctuary has been notified by MoEF&CC on 27th October, 2020. PP has submitted the authenticated map certifying the same from the forest department. During the time of appraisal of ToR application, the EAC deliberated that there is no mentioning of the Chaprala Wildlife Sanctuary in the EC obtained from SEIAA, Maharashtra vide letter no. SIA/MH/IND/70624/2018 dated 29.08.2022 and also not reported in the EIA/EMP report of the aforesaid EC. The PP explained during presentation that, application as well as EIA/EMP report submitted to the SEIAA Maharashtra are before the date of ESZ notification. In this regard, PP/Consultant, vide letter dated 29.11.2022, submitted that at the time of submission of application [Submission of TOR application-2nd February 2018, Submission of EIA/EMP Report via MPCB portal-2nd July 2020, Recommendation of SEAC-11.08.2021, Resubmission of EIA/EMP Report on Parivesh-3rd January 2022 & Grant of EC-29th August 2022]. PP also mentioned that they were not aware of the location of the Sanctuary. The boundary of Chaprala Wildlife Sanctuary was located at 6.7 km and now the ESZ is at 2.8 km from the proposed project i.e. the instant project is located outside of the ESZ.
11. Further, it is reported that there are 5 Nos. of schedule I species i.e. Indian Gaur (*Bos gaurus*), Sloth Bear (*Melursus ursinus*), Indian Leopard (*Panthera pardus*), Rock Python (*Python molurus*), Common Indian Monitor (*Varanus bengalensis*). Wildlife Conservation Plan is prepared and approved vide letter dated 22.05.2023 with wildlife conservation cost of Rs. 438/- Lakhs for 10 years.
12. The PP reported that the Existing Water requirement is 257 m³/day, water requirement fulfilled from Wainganga River and the permission for surface water has obtained from Irrigation Department, Government of Maharashtra vide letter dated 13/01/2023 for the water requirement considering existing as well as for the proposed project at a tune of 8767 m³/day from the Wainganga River. The water requirement for project under consideration is 6600 m³/day. After commissioning of the 2nd unit of Iron Ore Pellet Plant and Slurry Pipe Line; source

of water will be the water carried by the Slurry itself; slurry will contain about 37% water (657.38 m³/Hr) while transferring 10 MTPA Iron Ore Fines, which is about 63% by wt. in the form of slurry through close loop underground slurry pipeline. After filtration and thickening, the decanted water will be reused back in process after recycling (treatment) at in-house WTP. After receiving the slurry at thickening and filtration unit in Konsari plant site, the losses (along with filter cake) of water will be about 140.10 m³/Hr. Remaining water (Over Flow) 517.28 m³/Hr will be taken to water treatment plant of 760 m³/hr capacity. Out of this 507 m³/Hr treated water, 344 m³/Hr will be reused for plant operations. Balance qty. i.e. 163 m³/Hr will be released to Wainganga River following the natural drainage adjacent to the plant. The analysis will be conducted regularly during the operation of the plant with the installation of online monitoring system. The CPCB guidelines as per Sch. VI for discharge of treated water to surface water will be followed. The EAC deliberated the point of release of treated water to the Wainganga River at length and the EAC is of the view that the PP shall use the treated water in the premises and the Unit shall be Zero liquid discharge. The EAC had categorically advised the PP that no amount of water either treated or whatsoever shall be released to the Wainganga River. The PP has accepted the advise of the EAC.

13. The Committee has deliberated on the baseline data and incremental GLC due to the proposed project and found it satisfactory.
14. The PP has submitted that existing green belt has been developed in 16.59 ha area which is about 33 % of the total project area of 50.29 ha with total sapling of 17000 planted as on Aug-23. Further, Greenbelt development with local and native species is being planted with a density of 2500 trees per hectare i.e. total no. of 42,725 saplings and completion by this year. The EAC deliberated on the revised greenbelt layout plan along with action plan and the budget earmarked and found it satisfactory.
15. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.
16. The Committee also deliberated on the public hearing issues along with revised action plan submitted by the proponent to address the issues raised during the public hearing and found it satisfactory.
17. The EAC also deliberated on the written submission of the project proponent and found it satisfactory.
18. 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.
19. 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.
20. 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.

7. The EAC, in its 44th meeting of Expert Appraisal Committee (Industry-1 Sector) held during **20th – 21st September, 2023**, based on information & clarifications provided by the project proponent and after detailed deliberations **recommended** the instant proposal for grant of Environment Clearance under the EIA Notification, 2006 subject to stipulation of following specific conditions and general conditions as per the Ministry's Office Memorandum No. 22-34/2018-III dated 9/8/2018 based on project specific requirements.

8. 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 Lloyds Metals & Energy Limited under the provisions of EIA Notification, 2006** subject to specific conditions and general conditions at [**Annexure IV**]

9. 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.

10. 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.

11. 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.

12. 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.

13. This issues with approval of the competent authority.

(Dr. R. B. Lal)

Scientist 'F'/ Director

Tel: 011-20819346

[Email-rb.lal@nic.in](mailto:rb.lal@nic.in)

Copy To

1. The Secretary, Environment & Forest Department, Government of Maharashtra, 4th Floor, Mantralaya, Mumbai- 400032
2. The Secretary, Revenue Department, Government of Maharashtra, 4th Floor, Mantralaya, Mumbai- 400032
3. The Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi.
4. The Principal Chief Conservator of Forests & Government of Maharashtra, MECL Building, Dr. Ambedkar Bhawan, Seminary Hills, Civil Lines, Nagpur-440006
5. The Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur-440001
6. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32
7. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. PVR Cinema, Sion Circle, Mumbai-400 022.
8. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
9. The District Collector, Gadchiroli, Mumbai
10. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
11. Guard File/Monitoring File/Website/Record File/Parivesh Portal

Annexure 1

Additional EC Conditions

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.

Environmental Site Settings:

| S. No. | Particulars | Details | Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|--|---|----------|-----------|---------|---------------|--------------|-----------------------|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|--------------|---------------|---|--------------|---------------|----|---------------|---------------|----|--------------|---------------|---|
| i. | Total land | 50.29 ha [Govt Land]. Land has been allotted by MIDC to M/s Lloyds Metals and Energy Limited | Land use: Industrial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii. | Land acquisition details as per MoEF&CC O.M. dated 07/10/2014 | 100% land is in possession | MIDC Konsari | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii. | Existence of habitation & involvement of R&R, if any. | <p>Project site: MIDC, Konsari</p> <p>Study Area:</p> <table border="1"> <thead> <tr> <th>Habitation</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Konsari</td> <td>0.5 Km</td> <td>SSW</td> </tr> </tbody> </table> <p>ZP Primary School at 1 km, SW ZP High School Konsari at 1 km, S PHC, Konsari at 0.5 km, SSE</p> | Habitation | Distance | Direction | Konsari | 0.5 Km | SSW | No R&R issue involved | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Habitation | Distance | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Konsari | 0.5 Km | SSW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv. | Latitude and Longitude of all corners of the project site. | <table border="1"> <thead> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr><td>1</td><td>19°46'26.13"N</td><td>79°49'0.91"E</td></tr> <tr><td>2</td><td>19°46'28.32"N</td><td>79°48'53.26"E</td></tr> <tr><td>3</td><td>19°46'32.45"N</td><td>79°48'53.06"E</td></tr> <tr><td>4</td><td>19°46'35.89"N</td><td>79°48'51.87"E</td></tr> <tr><td>5</td><td>19°46'34.48"N</td><td>79°48'35.80"E</td></tr> <tr><td>6</td><td>19°46'38.76"N</td><td>79°48'33.36"E</td></tr> <tr><td>7</td><td>19°46'17.91"N</td><td>79°48'33.76"E</td></tr> <tr><td>8</td><td>19°46'8.95"N</td><td>79°48'35.95"E</td></tr> <tr><td>9</td><td>19°46'6.05"N</td><td>79°48'45.01"E</td></tr> <tr><td>10</td><td>19°46'10.15"N</td><td>79°48'49.79"E</td></tr> <tr><td>11</td><td>19°46'9.38"N</td><td>79°48'52.48"E</td></tr> </tbody> </table> | Point | Latitude | Longitude | 1 | 19°46'26.13"N | 79°49'0.91"E | 2 | 19°46'28.32"N | 79°48'53.26"E | 3 | 19°46'32.45"N | 79°48'53.06"E | 4 | 19°46'35.89"N | 79°48'51.87"E | 5 | 19°46'34.48"N | 79°48'35.80"E | 6 | 19°46'38.76"N | 79°48'33.36"E | 7 | 19°46'17.91"N | 79°48'33.76"E | 8 | 19°46'8.95"N | 79°48'35.95"E | 9 | 19°46'6.05"N | 79°48'45.01"E | 10 | 19°46'10.15"N | 79°48'49.79"E | 11 | 19°46'9.38"N | 79°48'52.48"E | - |
| Point | Latitude | Longitude | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 19°46'26.13"N | 79°49'0.91"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| v. | Elevation of the project site | 179 m above mean sea level | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| vi. | Involvement of Forest land if any. | No involvement of Forest land at the project site. | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| vii. | Water body exists within the project site as well as study area | <p>No water body exists within the project site.</p> <p>In study area: Wainganga River : 5.0 Km (WSW) Andhari River : 5.7 Km (SW) Deotri Nala : 4.0 Km (SSW) Varti Wagu stream : 2.5 Km (SW) Uksa Wagu Stream : 4.0 Km (SE) Konsari Talav : 0.24 km (SW) Mota Wagu stream : 5.5 Km (ESE)</p> | No water body, natural drain is passing through the project site. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| S. No. | Particulars | Details | Remarks |
|--------|--|---|--|
| viii. | Existence of ESZ /ESA /national park /wildlife sanctuary /biosphere reserve /tiger reserve /elephant reserve etc. if any within the study area | <p><u>Study area</u> Outer Boundary of Eco Sensitive Zone of Chaprala Wildlife Sanctuary (Notified on 27th October 2020): 2.80 Km (SSW) [Ref. Letter of authentication by Dy. Conservator Forest, Allapalli Forest Division].</p> <p>Boundary of Protected Area notified under Wildlife (Protection) Act 1972 of Chaprala Wildlife Sanctuary (Notified on 27th October 2020): 7.1 Km [Ref. Letter of authentication by Dy. Conservator Forest, Allapalli Forest Division].</p> <p>Wildlife Conservation Plan is prepared and approved vide. Letter no. क्रमांक.-कस-23(2)/वजी/सर्द/प्र.क्र.63/498/2023-24 ; Dtd. 22.05.2023 with wildlife conservation cost of Rs. 438/- Lacks for 10 years.</p> <p><u>List of RF:</u></p> <p>Markhanda RF is at 0.3 km in East direction and shares common boundary with plot in North direction.</p> | In addition to this , the project proponent has budgeted Rs.15.5 Lakhs towards Giant Squirrel project development works as per demand raised in Public Hearing. |

The unit configuration and capacity of existing and proposed project

| S. No. | Plant Equipment / Facility | Facilities as per EC; Dtd. 29.08.2022 | | | | | | | | Proposed Units | | Final (Existing + Proposed) | | Remarks |
|--------|------------------------------|---------------------------------------|------------|-----------------|----------|-------------------|------------|---------------|----------|----------------|----------|-----------------------------|------------|--------------------------------------|
| | | Total (A+B) | | Implemented (A) | | Unimplemented (B) | | As per CTO | | | | | | |
| | | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | |
| 1 | Iron ore Beneficiation | - | 90,000 TPA | - | NA | - | 90,000 TPA | - | NA | - | - | - | 90,000 TPA | CTE Granted (Not under Construction) |
| 2 | Sponge Iron | 2 x 95 TPD [Rotary Kiln] | 62,700 TPA | - | - | 2 x 95 TPD | 62,700 TPA | - | NA | - | - | 2 x 95 TPD | 62,700 TPA | CTE Granted (Under Construction) |
| 3 | Captive Power Plant | WHRB | 4 MW | - | - | WHRB | 4 MW | - | NA | - | - | WHRB | 4 MW | |
| 4 | Iron Ore Grinding Plant | - | NA | - | NA | - | NA | - | NA | 2 x 4.5 MTPA | 9.0 MTPA | 2 x 4.5 MTPA | 9.0 MTPA | Proposed Expansion for grant of EC |
| 5 | Thickening & Filtration unit | - | NA | - | NA | - | NA | - | NA | 10 MTPA | 10 MTPA | 10 MTPA | 10 MTPA | |
| 6 | Iron Ore Pellet Plant | - | NA | - | NA | - | NA | - | NA | 2 x 4.0 MTPA | 8.0 MTPA | 2 x 4.0 MTPA | 8.0 MTPA | |

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

| Budget based on Public Hearing Commitments - Village Konsari Konsari Phase II Proposal: Lloyds Metals & Energy Ltd. | | | | | | |
|--|-------------------|---|--------------------|------------------|------------------|------------------|
| Sl. No. | Particulars | Details of Activity | Budget | 1st Year | 2nd Year | 3rd Year |
| 1 | | Additional Class room for Primary School (Existing will be demolished) | 25,00,000 | 20,00,000 | 2,50,000 | 2,50,000 |
| | | 2-Class Room (8m x 7m); Computer Lab (4m x 4.5m); Off. Bldg. (4m x 3.5m); Waiting Area (4m x 4m); Passage (2.5m x 16m); Wash Room M-1 + F-1 =2nos., Table & Chairs and Library Books. | | | | |
| 2 | | Repair & painting work of ZP High School & Jr. College | 25,00,000 | 20,00,000 | 2,50,000 | 2,50,000 |
| | | Digital Printing (Pictorial) Inside & Outside of Class rooms wall | | | | |
| 3 | | Career Coaching Centre | 17,00,000 | 5,00,000 | 6,00,000 | 6,00,000 |
| | | Suitable candidates (2 nos.) will be promoted for free coaching at Vajirao, IAS Academy, Delhi | | | | |
| 4 | Education | Scholarship programs | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | Toppers from 10th & 12th will be provided with Scholarship Rank_1-90K, 2-70K, 3-50K, 4-30K & 5-10K (each from Std. 10 & 12) | | | | |
| 5 | | Library Building & facilities | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | Construction of Building (4m x 6m) at Primary School premises & Library Books | | | | |
| 6 | | Additional School Teacher | 18,00,000 | 6,00,000 | 6,00,000 | 6,00,000 |
| | | Freshly passed D.Ed./B.Ed. Teachers (3 nos. @ Rs.20,000/- each) will be appointed as on honorary basis to support existing Staff. | | | | |
| | | | 1,24,00,000 | 76,00,000 | 24,00,000 | 24,00,000 |
| 7 | | Industrial training by arranging training at near by ITI centers | 35,00,000 | 15,00,000 | 10,00,000 | 10,00,000 |
| | | Suitable candidates (20 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | |
| 8 | Skill Development | Driving training (HEMV training) | 60,00,000 | 30,00,000 | 20,00,000 | 10,00,000 |
| | | Suitable candidates (50 nos.) will be promoted for free training at Ashok Leyland And Institute Of Driving Training Center, Chindwada | | | | |
| 9 | | Tailoring & Embroidery | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |

| | | | | | | |
|----|-------------------------------------|--|--------------------|------------------|------------------|------------------|
| | | Training Room, Machinery, Material and food will be provided free of cost with honorary Stipend of Rs.2000/- each; (10 nos./Batch & 3 Batches in a Year) | | | | |
| 10 | | Training program for local youths & SHG groups - Bee-keeping, Poultry, Pickle Making, Dairy, etc. | 25,20,000 | 8,40,000 | 8,40,000 | 8,40,000 |
| | | Interested candidates after registration will be send to Authorized Govt. Training Institute on free of cost. (30 nos./Year) | | | | |
| | | | 1,35,20,000 | 58,40,000 | 43,40,000 | 33,40,000 |
| 11 | Health Care & Sanitation | Facility improvement and augmentation of existing PHC | 20,00,000 | 10,00,000 | 5,00,000 | 5,00,000 |
| | | Medical instruments as per the requirement of Konsari PHC & Parking Shed | | | | |
| 12 | | Facility improvement and augmentation of existing Veterinary Center | 14,00,000 | 10,00,000 | 2,00,000 | 2,00,000 |
| | | Building Construction (20' x 15') under augmentation of Veterinary Center | | | | |
| 13 | | Health Camp | 45,00,000 | 15,00,000 | 15,00,000 | 15,00,000 |
| | | Twice in a year, free of cost Medicine, Dr. Fee & with basic arrangement | | | | |
| 14 | | Ambulance facility | 35,00,000 | 25,00,000 | 5,00,000 | 5,00,000 |
| | | Well equipped Ambulance will be handed over to PHC | | | | |
| | | | 1,14,00,000 | 60,00,000 | 27,00,000 | 27,00,000 |
| 15 | Drinking Water | Construction of new Hand Pumps - 4 | 14,00,000 | 12,00,000 | 1,00,000 | 1,00,000 |
| | | 1 no. each @ Ward no.-1; Ward no. 2; Ward no. 3 & Cremation Yard | | | | |
| 16 | | New Bore Well - 8 | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | 1 no. each @ Temple, PHC, Ward no. 1 & 3; 4 nos. @ OHT | | | | |
| 17 | | Overhead Water Tank - 1 | 40,00,000 | 30,00,000 | 5,00,000 | 5,00,000 |
| | | 1-Lakh Liter Capacity OHT near Existing OHT considering 2245 nos. Population | | | | |
| 18 | | Water Treatment Plant - 5 | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | 1 no. each @ Primary School, Temple, PHC, ZP High school & GP | | | | |
| | | | 90,00,000 | 72,00,000 | 9,00,000 | 9,00,000 |
| 19 | Road & Infrastructure | Augmentation of Village Road - 1.5 Kms | 1,51,00,000 | 77,00,000 | 37,00,000 | 37,00,000 |
| | | All internal village road with RCC structure | | | | |
| 20 | | Community Hall | 36,00,000 | 30,00,000 | 3,00,000 | 3,00,000 |

| | | | | | | |
|---------------------|---|--|--------------------|--------------------|--------------------|--------------------|
| | | 40' x 20' Hall, Portable Chairs, Elect. fitting, Fans as per land allocation by GP | | | | |
| 21 | | Cremation Yard & rest Shelter | 22,00,000 | 20,00,000 | 1,00,000 | 1,00,000 |
| | | 30' x 30' Metallic Shed with RCC Benches | | | | |
| 22 | | Village temple repair & maintenance | 20,00,000 | 15,00,000 | 2,50,000 | 2,50,000 |
| | | Ceiling repair, RCC Benches, Chandan Tree | | | | |
| 23 | | Vehicle for cremation - Swarg Rath | 17,00,000 | 15,00,000 | 1,00,000 | 1,00,000 |
| | | Vehicle to carry final rituals to be handed over to GP | | | | |
| 24 | | Solar Street lights | 10,00,000 | 8,00,000 | 1,00,000 | 1,00,000 |
| | | Along the internal village road & Chowk (20 nos.) | | | | |
| 25 | | Development of existing playground with open Gym | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | All Gym equipment will be accommodate at ZP school provided room | | | | |
| | | | 2,80,000 | 1,85,000 | 47,50,000 | 47,50,000 |
| 26 | Plantation | Village Plantation - 500 nos. | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 1-budded Sapling of Mango Tree per house with transportation, trench & fencing | | | | |
| | | | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| 27 | Natural Resource Conservation & Measures | Augmentation of village pond & seasonal nallah | 50,00,000 | 40,00,000 | 5,00,000 | 5,00,000 |
| | | De-weeding and de-siltation of lake to increase water holding capacity in summer | | | | |
| 28 | | Scientific support & awareness to local farmers | 6,00,000 | 2,00,000 | 2,00,000 | 2,00,000 |
| | | Organization of Kisan Parishad (1/Month and 600 Persons/Year) | | | | |
| | | | 56,00,000 | 42,00,000 | 7,00,000 | 7,00,000 |
| Sub Total -A | | | 8,05,20,000 | 4,98,40,000 | 1,58,40,000 | 1,48,40,000 |

| Budget based on Public Hearing Commitments - Village Somanpalli Konsari Phase II Proposal: Lloyds Metals & Energy Ltd. | | | | | | |
|---|------------------|--|-----------------|----------|----------|----------|
| Sl. No. | Particulars | Details of Activity | Budget | 1st Year | 2nd Year | 3rd Year |
| 1 | Education | Argumentation to existing anganwadi center | 8,00,000 | 4,00,000 | 2,00,000 | 2,00,000 |
| | | Repairing of Old anganwadi room and to use it for Tailoring training | | | | |

| Budget based on Public Hearing Commitments - Village Somanpalli Konsari Phase II Proposal: Lloyds Metals & Energy Ltd. | | | | | | |
|---|-------------------------------------|--|--------------------|------------------|------------------|------------------|
| Sl. No. | Particulars | Details of Activity | Budget | 1st Year | 2nd Year | 3rd Year |
| 2 | | Provision of Additional External teaching faculty in ZP School | 18,00,000 | 6,00,000 | 6,00,000 | 6,00,000 |
| | | Freshly passed D.Ed./B.Ed. Teachers (3 nos. @ Rs.20,000/- each) will be appointed as on honorary basis to support existing Staff. | | | | |
| 3 | | Encouragement of sports & games | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | To prepare sport ground in Primary school premises | | | | |
| | | | 41,00,000 | 15,00,000 | 13,00,000 | 13,00,000 |
| 4 | | Industrial training by arranging training at near by ITI centers | 35,00,000 | 15,00,000 | 10,00,000 | 10,00,000 |
| | | Suitable candidates (20 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | |
| 5 | | Driving training (HEMV training) | 60,00,000 | 30,00,000 | 20,00,000 | 10,00,000 |
| | | Suitable candidates (50 nos.) will be promoted for free training at Ashok Leyland And Institute Of Driving Training Center, Chindwada | | | | |
| 6 | Skill Development | Tailoring & Embroidery | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | Training Room, Machinery, Material and food will be provided free of cost with honorary Stipend of Rs.2000/- each; (10 nos./Batch & 3 Batches in a Year) | | | | |
| 7 | | Training program for local youths & SHG groups - Bee-keeping, Poultry, Pickle Making, Dairy, etc. | 25,20,000 | 8,40,000 | 8,40,000 | 8,40,000 |
| | | Interested candidates after registration will be send to Authorized Govt. Training Institute on free of cost. (30 nos./Year) | | | | |
| | | | 1,35,20,000 | 50,00,000 | 35,00,000 | 25,00,000 |
| 8 | Health Care & Sanitation | Facility improvement and augmentation of existing PHC | 40,00,000 | 20,00,000 | 10,00,000 | 10,00,000 |
| | | Compound wall and RCC Benches (being a common facility for both Somanpalli & Konsari villages) | | | | |
| 9 | | Provision of Fortnightly Mobile Veterinary Treatment facility | 14,00,000 | 10,00,000 | 2,00,000 | 2,00,000 |
| | | To provide vehicle for transport of animals till Veterinary Hospital, Konsari | | | | |
| 10 | | Health Camp in Somanpalli GP | 45,00,000 | 15,00,000 | 15,00,000 | 15,00,000 |

| Budget based on Public Hearing Commitments - Village Somanpalli Konsari Phase II Proposal: Lloyds Metals & Energy Ltd. | | | | | | |
|---|-----------------------|--|--------------------|------------------|------------------|------------------|
| Sl. No. | Particulars | Details of Activity | Budget | 1st Year | 2nd Year | 3rd Year |
| | | Twice in a year, free of cost Medicine, Dr. Fee & with basic arrangement | | | | |
| 11 | | Ambulance Facility | 35,00,000 | 25,00,000 | 5,00,000 | 5,00,000 |
| | | Well equipped Ambulance will be handed over to GP | | | | |
| | | | 1,34,00,000 | 70,00,000 | 32,00,000 | 32,00,000 |
| 12 | | Construction of new Hand Pumps - 4 | 14,00,000 | 12,00,000 | 1,00,000 | 1,00,000 |
| | | 1-no. each @ GP, ZP School & 2-nos. @ Ward no. 1 | | | | |
| 13 | | New Bore Well - 8 | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | At the location as & when required by GP (Borewell with Solar Panels) | | | | |
| 14 | Drinking Water | Overhead Water Tank - 1 | 40,00,000 | 30,00,000 | 5,00,000 | 5,00,000 |
| | | 1-Lakh Liter Capacity OHT near Existing OHT considering 1000 nos. Population | | | | |
| 15 | | Water Treatment Plant - 2 nos. | 7,00,000 | 5,00,000 | 1,00,000 | 1,00,000 |
| | | 1-no. each @ GP, ZP School | | | | |
| | | | 85,00,000 | 67,00,000 | 9,00,000 | 9,00,000 |
| 16 | | Augmentation of Village Road - 0.6 Kms | 80,00,000 | 60,00,000 | 10,00,000 | 10,00,000 |
| | | Internal village road -RCC 9' width | | | | |
| 17 | | Community Hall | 36,00,000 | 30,00,000 | 3,00,000 | 3,00,000 |
| | | 32' x 16' as per the land allocation by GP | | | | |
| 18 | Road & Infrastructure | Cremation Yard & rest Shelter | 22,00,000 | 20,00,000 | 1,00,000 | 1,00,000 |
| | | 30' x 30' Metallic Shed with RCC Benches | | | | |
| 19 | | Village temple repair & maintenance | 20,00,000 | 15,00,000 | 2,50,000 | 2,50,000 |
| | | Wall compound, Pathway & Gate | | | | |
| 20 | | Vehicle for cremation - Swarg Rath | 17,00,000 | 15,00,000 | 1,00,000 | 1,00,000 |
| | | Vehicle to carry final rituals to be handed over to GP | | | | |

| Budget based on Public Hearing Commitments - Village Somanpalli Konsari Phase II Proposal: Lloyds Metals & Energy Ltd. | | | | | | |
|---|---|--|--------------------|--------------------|--------------------|--------------------|
| Sl. No. | Particulars | Details of Activity | Budget | 1st Year | 2nd Year | 3rd Year |
| 21 | | Solar Street lights | 30,00,000 | 25,00,000 | 2,50,000 | 2,50,000 |
| | | From national highway to Somanpalli village (60 nos.) | | | | |
| 22 | | Development of existing playground with open Gym | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | All Gym equipment will be accommodate at ZP school provided room | | | | |
| | | | 2,29,00,000 | 1,85,00,000 | 22,00,000 | 22,00,000 |
| 23 | Plantation | Village Plantation - 500 nos. | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 2-budded Saplings of Mango Tree per house with transportation, trench & fencing | | | | |
| | | | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| 24 | Natural Resource Conservation & Measures | Augmentation of village pond & seasonal nallah | 50,00,000 | 40,00,000 | 5,00,000 | 5,00,000 |
| | | De-weeding and de-siltation of lake to increase water holding capacity in summer | | | | |
| 25 | | Scientific support & awareness to local farmers | 6,00,000 | 2,00,000 | 2,00,000 | 2,00,000 |
| | | Organization of Kisan Parishad (1/Month and 600 Persons/Year) | | | | |
| | | | 56,00,000 | 42,00,000 | 7,00,000 | 7,00,000 |
| Sub Total -B | | | 6,86,20,000 | 4,34,00,000 | 1,18,50,000 | 1,08,50,000 |

| Budget based on Public Hearing Commitments - Village Jairampur Konsari Phase II Proposal: Lloyds Metals & Energy Ltd. | | | | | | |
|--|------------------|---|------------------|-----------|----------|----------|
| Sl. No. | Particulars | Details of Activity | Budget | 1st Year | 2nd Year | 3rd Year |
| 1 | Education | Augmentation of primary school Building | 30,00,000 | 20,00,000 | 5,00,000 | 5,00,000 |
| | | Approach Pathway and repairing of old structure of School with wall compound. | | | | |
| 2 | | Improvement of Existing Anganwadi Centers | 18,00,000 | 12,00,000 | 3,00,000 | 3,00,000 |

| | | | | | | |
|----|-------------------------------------|--|--------------------|------------------|------------------|------------------|
| | | Leakage control of existing Bldg., Brick compartment with sliding door for material keeping. Pakka shed on kitchen, Entry of toilet from outside. | | | | |
| 3 | | One school room equipped in ZP School | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | Benches, Tables | | | | |
| | | | 60,00,000 | 42,00,000 | 9,00,000 | 9,00,000 |
| 4 | | Driving training (HEMV training) | 60,00,000 | 30,00,000 | 20,00,000 | 10,00,000 |
| | | Suitable candidates (50 nos.) will be promoted for free training at Ashok Leyland And Institute Of Driving Training Center, Chindwada | | | | |
| 5 | | Industrial training by arranging training at near by ITI centers | 35,00,000 | 20,00,000 | 10,00,000 | 5,00,000 |
| | | Suitable candidates (20 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | |
| 6 | Skill Development | Tailoring & Embroidery | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | Training Room, Machinery, Material and food will be provided free of cost with honorary Stipend of Rs.2000/- each; (10 nos./Batch & 3 Batches in a Year) | | | | |
| 7 | | Training program for local youths & SHG groups - Beekeeping, Poultry, Pickle Making, Diary, etc. | 33,60,000 | 16,80,000 | 8,40,000 | 8,40,000 |
| | | Interested candidates after registration will be send to Authorized Govt. Training Institute on free of cost. (30 nos./Year) | | | | |
| | | | 1,43,60,000 | 71,80,000 | 43,40,000 | 28,40,000 |
| 8 | | Facility improvement and argumentation of existing PHC | 14,00,000 | 10,00,000 | 2,00,000 | 2,00,000 |
| | | Additional delivery room, Shed at the entrance, Fridge, Cooler, RO, Toilet Bathroom, Wash Basin, Table & Chair. | | | | |
| 9 | Health Care & Sanitation | Facility improvement and argumentation of existing Veterinary Center | 14,00,000 | 10,00,000 | 2,00,000 | 2,00,000 |
| | | To provide vehicle for transport of animals till Veterinary Hospital, Konsari | | | | |
| 10 | | Health Camp | 45,00,000 | 15,00,000 | 15,00,000 | 15,00,000 |
| | | Twice in a year, free of cost Medicine, Dr. Fee & with basic arrangement | | | | |

| | | | | | | |
|----|--|--|--------------------|--------------------|------------------|------------------|
| | | | 73,00,000 | 35,00,000 | 19,00,000 | 19,00,000 |
| 11 | Drinking Water | Construction of new Hand Pumps - 8 | 28,00,000 | 24,00,000 | 2,00,000 | 2,00,000 |
| | | At the location as & when required by GP | | | | |
| 12 | | New Bore Well - 10 | 36,00,000 | 30,00,000 | 3,00,000 | 3,00,000 |
| | | At the location as & when required by GP (Borewell with Solar Panels) | | | | |
| 13 | | Overhead Water Tank - 1 | 36,00,000 | 30,00,000 | 3,00,000 | 3,00,000 |
| | | 1-Lakh Liter Capacity OHT near Existing OHT considering 1000 nos. Population | | | | |
| 14 | | Water Treatment Plant - 1 | 5,00,000 | 3,00,000 | 1,00,000 | 1,00,000 |
| | 1-no. each @ GP, ZP School | | | | | |
| | | | 1,05,00,000 | 87,00,000 | 9,00,000 | 9,00,000 |
| 15 | Road & Infrastructure | Augmentation of Village Road - 0.65 Kms | 1,50,00,000 | 50,00,000 | 50,00,000 | 50,00,000 |
| | | RCC Road for internal village road | | | | |
| 16 | | Community cum GP Meeting Hall | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | 32' x 16' as per the land allocation by GP | | | | |
| 17 | | Cremation Yard & rest Shelter | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | 30' x 30' Metallic Shed with RCC Benches | | | | |
| 18 | | Solar Street lights | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | Along the internal village road & Chowk (50 nos.) | | | | |
| 19 | | Road from Jairampur to Konsari | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | 0.25 km RCC Road internal village road | | | | |
| 20 | Crop Godown | 60,00,000 | 50,00,000 | 5,00,000 | 5,00,000 | |
| | 50' x 30' size metallic structure Shed | | | | | |
| | | | 2,94,00,000 | 1,70,00,000 | 62,00,000 | 62,00,000 |
| 21 | Plantation | Plantation - 500 nos. | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 1-budded Sapling of Mango Tree per house with transportation, trench & fencing | | | | |
| | | | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| 22 | Natural Resource Conservatio | Augmentation of village pond & seasonal nallah | 50,00,000 | 40,00,000 | 5,00,000 | 5,00,000 |

| | | | | | | |
|---------------------|-------------------------|--|--------------------|--------------------|--------------------|--------------------|
| | n & Measures | De-weeding and de-siltation of lake to increase water holding capacity in summer | | | | |
| 23 | | Scientific support & awareness to local farmers | 6,00,000 | 2,00,000 | 2,00,000 | 2,00,000 |
| | | Organization of Kisan Parishad (1/Month and 600 Persons/Year) | | | | |
| | | | 56,00,000 | 42,00,000 | 7,00,000 | 7,00,000 |
| Sub Total -C | | | 7,37,60,000 | 4,52,80,000 | 1,49,90,000 | 1,34,90,000 |

| CER Budget based on Public Hearing Commitments - Village Mudoli Konsari Phase II Proposal: Lloyds Metals & Energy Ltd. | | | | | | |
|---|--------------------------|--|--------------------|------------------|------------------|------------------|
| Sl. No. | Particulars | Details of Activity | Budget | 1st Year | 2nd Year | 3rd Year |
| 1 | Education | Improvement of Existing Anganwadi Centers | 8,00,000 | 4,00,000 | 2,00,000 | 2,00,000 |
| | | Leakage control of existing Anganwadi and Toilet provision for school | | | | |
| | | | 8,00,000 | 4,00,000 | 2,00,000 | 2,00,000 |
| 2 | | Industrial training by arranging training at near by ITI centers | 35,00,000 | 15,00,000 | 10,00,000 | 10,00,000 |
| | | Suitable candidates (20 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | |
| 3 | Skill Development | Driving training (HEMV training) | 60,00,000 | 30,00,000 | 20,00,000 | 10,00,000 |
| | | Suitable candidates (50 nos.) will be promoted for free training at Ashok Leyland And Institute Of Driving Training Center, Chindwada | | | | |
| 4 | | Tailoring & Embroidery | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | Training Room, Machinery, Material and food will be provided free of cost with honorary Stipend of Rs.2000/- each; (10 nos./Batch & 3 Batches in a Year) | | | | |
| 5 | | Training program for local youths & SHG groups - Beekeeping, Poultry, Pickle Making, Dairy, etc. | 33,60,000 | 16,80,000 | 8,40,000 | 8,40,000 |
| | | Interested candidates after registration will be send to Authorized Govt. Training Institute on free of cost. (30 nos./Year) | | | | |
| | | | 1,43,60,000 | 66,80,000 | 43,40,000 | 33,40,000 |
| 6 | Health Care & Sanitation | Facility improvement and augmentation of existing PHC | 14,00,000 | 10,00,000 | 2,00,000 | 2,00,000 |
| | | Well equipped Ambulance will be handed over to GP | | | | |

| | | | | | | |
|----|---|--|--------------------|------------------|------------------|------------------|
| 7 | | Health Camp | 45,00,000 | 15,00,000 | 15,00,000 | 15,00,000 |
| | | Twice in a year, free of cost Medicine, Dr. Fee & with basic arrangement | | | | |
| | | | 59,00,000 | 25,00,000 | 17,00,000 | 17,00,000 |
| 8 | Drinking Water | Construction of new Hand Pumps - 8 | 28,00,000 | 24,00,000 | 2,00,000 | 2,00,000 |
| | | At the location as & when required by GP | | | | |
| 9 | | New Bore Well - 8 | 28,80,000 | 24,00,000 | 2,40,000 | 2,40,000 |
| | | At the location as & when required by GP (Borewell with Solar Panels) | | | | |
| 10 | | Overhead Water Tank - 1 | 40,00,000 | 30,00,000 | 5,00,000 | 5,00,000 |
| | | 1-Lakh Liter Capacity OHT near Existing OHT considering 1000 nos. Population | | | | |
| 11 | | Water Treatment Plant - 1 | 5,00,000 | 3,00,000 | 1,00,000 | 1,00,000 |
| | | 1-no. each @ GP, ZP School | | | | |
| | | | 1,01,80,000 | 81,00,000 | 10,40,000 | 10,40,000 |
| 12 | Road & Infrastructure | Argumentation of village Road - 0.35 Kms | 90,00,000 | 30,00,000 | 30,00,000 | 30,00,000 |
| | | RCC road for internal village road | | | | |
| 13 | | Cremation Yard & rest Shelter along with approach road | 15,00,000 | 13,00,000 | 1,00,000 | 1,00,000 |
| | | 30' x 30' Metallic Shed with RCC Benches | | | | |
| 14 | | Solar Street lights | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | Along the internal village road & Chowk (20 nos.) | | | | |
| | | | 1,29,00,000 | 63,00,000 | 33,00,000 | 33,00,000 |
| 15 | Plantation | Plantation - 500 nos. | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 1-budded Sapling of Mango Tree per house with transportation, trench & fencing | | | | |
| | | | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| 16 | Natural Resource Conservation & Measures | Augmentation of village pond | 50,00,000 | 40,00,000 | 5,00,000 | 5,00,000 |
| | | De-weeding and de-siltation of lake to increase water holding capacity in summer | | | | |
| 17 | | Scientific support, facility & awareness to local farmers | 6,00,000 | 2,00,000 | 2,00,000 | 2,00,000 |
| | | Organization of Kisan Parishad (1/Month and 600 Persons/Year) | | | | |

| | | | | | | |
|---------------------|--|--|--------------------|--------------------|--------------------|--------------------|
| | | | 56,00,000 | 42,00,000 | 7,00,000 | 7,00,000 |
| Sub Total -D | | | 5,03,40,000 | 2,86,80,000 | 1,13,30,000 | 1,03,30,000 |

| Budget based on Public Hearing Commitments Konsari Phase II Proposal: Lloyds Metals & Energy Ltd. | | | | | | | |
|--|------------------|---|---------------------|------------------|-----------|----------|----------|
| Sl. No. | Particulars | Details of Activity | Name of Village(s) | Budget | 1st Year | 2nd Year | 3rd Year |
| 1 | Education | Augmentation of existing school along with facility for library | Umri | 25,00,000 | 20,00,000 | 2,50,000 | 2,50,000 |
| | | It will be provided at the location provided by GP (16' x 25') | | | | | |
| 2 | | Additional Class room in ZP School | Chandankhedi | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | Additional room of 5m x 6m | | | | | |
| 3 | | Additional School Teacher | Dharampur | 18,00,000 | 6,00,000 | 6,00,000 | 6,00,000 |
| | | Freshly passed D.Ed./B.Ed. Teachers (3 nos. @ Rs.20,000/- each) will be appointed as on honorary basis to support existing Staff. | | | | | |
| | | Additional School Teacher | Bahadurpur | 18,00,000 | 6,00,000 | 6,00,000 | 6,00,000 |
| 4 | | Freshly passed D.Ed./B.Ed. Teachers (3 nos. @ Rs.20,000/- each) will be appointed as on honorary basis to support existing Staff. | | | | | |
| 5 | | Playground in Schools | Umri | 7,00,000 | 5,00,000 | 1,00,000 | 1,00,000 |
| | | Land leveling, murrum filling, RCC benches | | | | | |

| | | | | | | | |
|----|--------------------------|--|----------------------------------|--------------------|------------------|------------------|------------------|
| 6 | | School Bus | Umri | 25,60,000 | 15,00,000 | 5,30,000 | 5,30,000 |
| | | One school bus will be handed over to GP | | | | | |
| 7 | | Augmentation of school building | Bahadurpur | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | Additional room of 16' x 16' (2 nos.) | | | | | |
| 8 | | Additional School Teacher | Raipur | 9,00,000 | 3,00,000 | 3,00,000 | 3,00,000 |
| | | Freshly passed D.Ed./B.Ed. Teachers (2 nos. @ Rs.15,000/- each) will be appointed as on honorary basis to support existing Staff. | | | | | |
| | | | | 1,38,60,000 | 85,00,000 | 26,80,000 | 26,80,000 |
| 9 | | English Medium School | Common facility for local | 5,00,00,000 | | | |
| | | The proposed English medium school in the region of Konsari - project, going to establish with the plan to avail the school fee benefit of the 10Km Buffer area village students to the tune of 20% or Rs 10000/- per annum per candidate, whichever is lower. | | | | | |
| | | | | 5,00,00,000 | - | - | - |
| 10 | Skill Development | Industrial training by arranging training at near by ITI centers | Dharampur | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | Suitable candidates (5 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | | |

| | | | | | | | |
|----|--------------------|--|--------------------|------------------|------------------|------------------|------------------|
| 11 | | Industrial training by arranging training at near by ITI centers | Umri | 9,00,000 | 3,00,000 | 3,00,000 | 3,00,000 |
| | | Suitable candidates (5 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | | |
| 12 | | Industrial training by arranging training at near by ITI centers | Chandankhed | 9,00,000 | 3,00,000 | 3,00,000 | 3,00,000 |
| | | Suitable candidates (5 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | | |
| 13 | | Industrial training by arranging training at near by ITI centers | Raipur | 9,00,000 | 3,00,000 | 3,00,000 | 3,00,000 |
| | | Suitable candidates (5 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | | |
| 14 | | Industrial training by arranging training at near by ITI centers | Bahadurpur | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | Suitable candidates (5 nos.) will be promoted for free training at nearest ITI in Gadchiroli Dist. | | | | | |
| | | | | 57,00,000 | 19,00,000 | 19,00,000 | 19,00,000 |
| 15 | Health Care | Facility improvement and augmentation of existing PHC | Dharampur | 14,00,000 | 10,00,000 | 2,00,000 | 2,00,000 |
| | | Well equipped Ambulance | | | | | |

| | | | | | | | |
|----|--|---|----------------------------------|---------------------|------------------|------------------|------------------|
| | | will be handed over to GP | | | | | |
| 16 | | Facility improvement and augmentation of existing PHC | Raipur | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | Well equipped Ambulance will be handed over to GP | | | | | |
| 17 | | Facility improvement and augmentation of existing PHC | Umri | 14,00,000 | 10,00,000 | 2,00,000 | 2,00,000 |
| | | Well equipped Ambulance will be handed over to GP | | | | | |
| 18 | | Facility improvement and augmentation of existing PHC | Chandankhedi | 15,00,000 | 5,00,000 | 5,00,000 | 5,00,000 |
| | | Well equipped Ambulance will be handed over to GP | | | | | |
| 19 | | Facility improvement and augmentation of existing PHC | Bahadurpur | 12,20,000 | 10,00,000 | 2,00,000 | 20,000 |
| | | Well equipped Ambulance will be handed over to GP | | | | | |
| | | | | 70,20,000 | 40,00,000 | 16,00,000 | 14,20,000 |
| 20 | | Multi Speciality Hospital | Common facility for local | 50,00,00,000 | | | |
| | | The proposed multispeciality hospital in the region of Konsari - Project, going to establish with the plan to registered the hospital under | | | | | |

| | | | | | | | |
|--------------------|-----------------------|---|----------------------|---------------------|-----------|----------|----------|
| | | Mahatma Jyotiba phule Jan aarogya yojna and PM Jan aarogya yojna for the Benefit of 10Km Buffer area villagers. | | | | | |
| Sub Total-E | | | | 50,00,00,000 | - | - | - |
| 2 1 | | Water Treatment Plant - 1 with overhead tank | Raipur | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | Bore well with RO Plant with Storage Tank near Village Temple | | | | | |
| 2 2 | | Water Treatment Plant - 1 with overhead tank | Bahadurpur | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | Bore well with RO Plant with Storage Tank near Village Temple | | | | | |
| 2 3 | Drinking Water | Water Treatment Plant - 1 with overhead tank | Umri | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | Bore well with RO Plant with Storage Tank near Village Temple | | | | | |
| 2 4 | | Water Treatment Plant - 1 with overhead tank | Chandankhedhi | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | Bore well with RO Plant with Storage Tank near Village Temple | | | | | |
| 2 5 | | Water Treatment Plant - 1 with overhead tank | Dharampur | 30,00,000 | 25,00,000 | 2,50,000 | 2,50,000 |
| | | Bore well with RO Plant with Storage Tank near Village Temple | | | | | |

| | | | | | | | |
|----|--|--|---------------------|--------------------|--------------------|------------------|------------------|
| | | | | 78,00,000 | 65,00,000 | 6,50,000 | 6,50,000 |
| 26 | Road & Infrastructure | Augmentation of Village Roads | Chandankhedi | 36,00,000 | 30,00,000 | 3,00,000 | 3,00,000 |
| | | RCC road of 3.5 Km for internal village road | | | | | |
| 27 | | Augmentation of village road with drainage | Dharampur | 12,00,000 | 10,00,000 | 1,00,000 | 1,00,000 |
| | | RCC road of 0.5 Km for internal village road | | | | | |
| 28 | | Cremation Yard & rest Shelter | Raipur | 22,00,000 | 20,00,000 | 1,00,000 | 1,00,000 |
| | | 30' x 30' Metallic Shed with RCC Benches | | | | | |
| 29 | | Construction of Community Hall | Umri | 20,00,000 | 18,00,000 | 1,00,000 | 1,00,000 |
| | | 20' x 20' Hall, Portable Chairs, Elect. fitting, Fans as per land allocation by GP | | | | | |
| 30 | | Provision of Common Toilet Facility with borewell | Chandankhedi | 24,00,000 | 20,00,000 | 2,00,000 | 2,00,000 |
| | | It will be provided for Male & Female separately at the location provided by GP | | | | | |
| 31 | Development of Sports Ground & Open Gym | Raipur | 7,00,000 | 5,00,000 | 1,00,000 | 1,00,000 | |
| | It will be provide at location provided by GP | | | | | | |
| 32 | Crop Godown | Bahadurpur | 30,00,000 | 25,00,000 | 2,50,000 | 2,50,000 | |
| | 40' x 20' Metallic Shed | | | | | | |
| | | | | 1,51,00,000 | 1,28,00,000 | 11,50,000 | 11,50,000 |
| 33 | Plantation | Village Plantation | Dharampur | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 1-budded Sapling of Mango Tree | | | | | |

| | | | | | | | |
|----|---|--|---------------------|------------------|------------------|-----------------|-----------------|
| | | per house with transportation, trench & fencing | | | | | |
| 34 | | Village Plantation | Raipur | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 1-budded Sapling of Mango Tree per house with transportation, trench & fencing | | | | | |
| 35 | | Village Plantation | Umri | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 1-budded Sapling of Mango Tree per house with transportation, trench & fencing | | | | | |
| 36 | | Village Plantation | Chandankhedi | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 1-budded Sapling of Mango Tree per house with transportation, trench & fencing | | | | | |
| 37 | | Village Plantation | Bahadurpur | 6,00,000 | 5,00,000 | 50,000 | 50,000 |
| | | 1-budded Sapling of Mango Tree per house with transportation, trench & fencing | | | | | |
| | | | | 30,00,000 | 25,00,000 | 2,50,000 | 2,50,000 |
| 38 | Natural Resource Conservation & Measures | Augmentation of village water pond | Dharampur | 27,00,000 | 15,00,000 | 6,00,000 | 6,00,000 |
| | | De-weeding and de-siltation of lake to increase water holding capacity in summer | | | | | |
| 39 | Natural Resource Conservation & Measures | Augmentation of village water pond | Raipur | 21,00,000 | 15,00,000 | 3,00,000 | 3,00,000 |
| | | De-weeding and de-siltation of lake to increase water holding | | | | | |

| | | | | | | | |
|--|--|--|----------------------|---------------------|---------------------|--------------------|--------------------|
| | | capacity in summer | | | | | |
| 40 | | Augmentation of village water pond | Umri | 30,00,000 | 20,00,000 | 5,00,000 | 5,00,000 |
| | | De-weeding and de-siltation of lake to increase water holding capacity in summer | | | | | |
| 41 | | Augmentation of village water pond | Chandankhedhi | 30,00,000 | 20,00,000 | 5,00,000 | 5,00,000 |
| | | De-weeding and de-siltation of lake to increase water holding capacity in summer | | | | | |
| 42 | | Augmentation of village water pond | Bahadurpur | 40,00,000 | 20,00,000 | 10,00,000 | 10,00,000 |
| | | De-weeding and de-siltation of lake to increase water holding capacity in summer | | | | | |
| | | | | 1,48,00,000 | 90,00,000 | 29,00,000 | 29,00,000 |
| | | | | 61,72,80,000 | 4,12,00,000 | 95,30,000 | 95,30,000 |
| | | TOTAL(A+B+C+D+E+F) | | 89,05,20,000 | 21,32,40,000 | 6,59,80,000 | 6,13,00,000 |
| | | | | | 0 | 0 | 0 |
| Note: | | | | | | | |
| <ul style="list-style-type: none"> Out of total Rs.89,05,20,000/-, Rs.50,00,00,000/- is budgeted for multispecialty Hospital in the region and Balance Rs.39,05,20,000/- is budgeted for adoption of 4 villages and various social development activities in other villages under CER to be spent in 3 years. The proposed multispeciality hospital in the region of Konsari - Project, going to establish with the commitment to registered the hospital under Mahatma Jyotiba phule jan aarogya yojna and PM Jan aarogya yojna. The proposed English medium school in the region of Konsari - project, going to establish with the commitment to avail the school fee benefit of the 10Km Buffer area village students to the tune of 20% of the prescribed fees or Rs 10000/- per annum per candidate, whichever is lower. | | | | | | | |

Specific conditions and general conditions**A. Specific Condition:**

- i. 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.
- ii. 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.
- iii. The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
- iv. The nearest habitation to plant is Konsari village at distance of 0.5 Km in SSW Direction. Markhanda RF is at 0.3 km in East direction and shares common boundary with plot in North direction. Also there are schools and health centre/hospital nearby along with other sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. PP needs to strengthen green belt all around the plant area to reduce the dust pollution and Noise pollution; the PP shall erect acoustic barriers between the plant and the village (especially school, hospital and religious places) to ensure the reduction of noise generated by its industrial processes. The PP shall also include this location in its environmental monitoring programme.
- v. The Konsari Lake (0.7 km, SW), Varti Wagu stream (3.0 Km, SW), Uksa Wagu Stream (4.5 Km, SE), Wainganga River (6.0 Km, W), Andhari River (7.5 Km, SW) and Deotri Nala (4.0 Km, S) are flowing within the study area of the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
- vi. The water requirement of 6600 m³/day shall be obtained from Wainganga River only after obtaining necessary permission from the Competent Authority. No water from the plant will be discharged in the river. No ground water abstraction is permitted. The PP shall withdraw only required amount of water from the Wainganga River and shall make all efforts to reduce its Water foot print. If there is some extra water generated, PP shall treat the water as per mandatory standards and shall store in underground Silos; do ground water recharging through boreholes or into nearby wells or distribute to the nearby villages for domestic use.
- vii. Three tier Green Belt shall be developed in at least 33% of the project area in a period of 1 year all along the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent

years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards Konsari Village and other sensitive areas nearby project site. PP shall develop additional green belt around the schools located at 1 km from the proposed project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.

- viii. All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 89.052 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.
- ix. As committed, PP shall adopt four villages and prepare and implement the action plan to develop them into a model village.
- x. 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.

B. General Conditions

I. Statutory compliance:

- i. 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.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 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.
- ii. The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area covering upwind and downwind directions.

- iii. 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.
- iv. Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.
- v. 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.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- viii. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- ix. The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
- x. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- xi. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
- xii. Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
- xiii. 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.
- xiv. Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
- xv. 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.
- xvi. The particulate matter emissions from the process stacks shall be less than 30 mg/Nm³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
- xvii. 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.
- xviii. 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.
- xix. The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m^3 , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.

III. Water quality monitoring and preservation

- i. 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.
- ii. 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.
- iii. 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.
- iv. Water meters shall be provided at the inlet to all unit processes in the plants.
- v. The project proponent shall make efforts to minimise water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- vi. 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.
- vii. 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.
- viii. Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.
- ix. Air Cooled condensers shall be used in the captive power plant.
- x. Tailing management plan shall be implemented as included in EIA/EMP report.

IV. Noise monitoring and prevention

- i. 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.
- ii. 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.
- iii. 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.

V. Energy Conservation measures

- i. 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;
- ii. Provide LED lights in their offices and residential areas.
- iii. The project proponent shall provide waste heat recovery system on the DRI Kilns.
- iv. The dolochar generated shall be used for power generation.
- v. Tar shall be recovered from producer gas and shall be sold to registered processors and phenolic water shall be incinerated in After Burn Chamber (ABC) of DRI kilns.
- vi. The PP shall implement the guidelines on sponge iron plants issued by the CPCB/SPCB in this regard.

VI. Waste management

- i. Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.
- ii. Kitchen waste shall be composted or converted to biogas for further use.
- iii. 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.
- iv. The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at <https://cpcb.nic.in/technical-guidelines-3/>. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
- v. A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
- vi. Solid waste utilization

- a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making.
- b. PP shall recycle/reuse solid waste generated in the plant as far as possible.
- c. Used refractories shall be recycled as far as possible.

VII. Green Belt

- i. 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.
- ii. 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.
- iii. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. 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.
- iii. 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.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

IX. Environment Management

- i. 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.
- ii. 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.

- iii. 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.
- iv. 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.

X. Miscellaneous

- i. 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.
- ii. 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.
- iii. 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.
- iv. 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.
- v. Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
- vi. 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.
- vii. 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.
- viii. 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.
- ix. 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.

- x. 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.
- xi. 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.
- xii. 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).
- xiii. 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.
- xiv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvi. 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.
- xvii. 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.
