



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Madhya Pradesh)

To,

The Partner
M/S BADEBABA MINING AND CONSULTANCY LLP
Village-Selwa, District - Balaghat -481445

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MP/IND/76708/2020 dated 09 May 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC22B007MP170395 |
| 2. File No. | 9162/2022 |
| 3. Project Type | New |
| 4. Category | B1 |
| 5. Project/Activity including Schedule No. | 2(b) Mineral beneficiation |
| 6. Name of Project | Green Field Project of Manganese Ore Beneficiation Plant (Capacity - 0.5 MTPA) by M/s Badebaba Mining and Consultancy LLP located at village Selwa, tehsil - Katangi, District - Balaghat, Madhya Pradesh |
| 7. Name of Company/Organization | M/S BADEBABA MINING AND CONSULTANCY LLP |
| 8. Location of Project | Madhya Pradesh |
| 9. TOR Date | 23 Sep 2020 |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 24/09/2022

(e-signed)
Shriman Shukla
Member Secretary
SEIAA - (Madhya Pradesh)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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PARIVESH

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Ref:Proposal No. SI/MP/IND/76708/2020, Case No 9162/2022:Prior Environment Clearance for Manganese Ore Beneficiation Plant (Capacity - 0.5 MTPA) at Village Selwa, Tehsil - Katangi, District - Balaghat, MP by M/s Badebaba Mining and Consultancy LLP, through Shri Shubham Jain, Partner, Main Road, Goberwahi, Dist. Balaghat, MP - 481445 Email: badebaba2020@gmail.com EIA consultant: Grass Roots Research & Creations India Pvt Ltd, F-375, Sector-63, Noida

With reference to the above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz., Form 2, pre-feasibility report, ppt. and additional clarifications furnished in response to observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- i. This is case of Prior Environment Clearance for Green Field Project of Manganese Ore Beneficiation Plant (Capacity - 0.5 MTPA) at Village Selwa, Tehsil - Katangi, District - Balaghat, MP.
- ii. Earlier as per EIA Notification, 2006 and subsequent amendments, the project was covered under schedule of the item no. 2 (b), of Category 'A' hence requires prior Environmental Clearance from MoEF&CC.
- iii. MoEF&CC, द्वारा जारी अधिसूचना दिनांक 20.04.2022 के अनुसार परियोजना B केटेगरी के अंतर्गत शामिल हो गया है, इसलिए परियोजना प्रस्तावक द्वारा EIA रिपोर्ट SEIAA में जमा किया गया है।
- iv. इस परियोजना का ToR पत्र क्र. J&11011/177/2020&IA-II (I) दिनांक 23.09.2020 के माध्यम से MoEF&CC द्वारा जारी किया गया है।
- v. परियोजना प्रस्तावक द्वारा 10 कि.मी. की परिधि में अंतरराज्यीय सीमा, राष्ट्रीय उद्यान, अभयारण्य एवं पारिस्थितिकीय संवेदनशील का नहीं होना बताया गया है।
- vi. लोक सुनवाई दिनांक 19.03.2021 को मेसर्स बडेबाबा माइनिंग एवं कंसल्टेंसी द्वारा प्रस्तावित मैंगनीज अयस्क बेनीफिकेशन प्लांट (क्षमता - 0.5 एमटीपीए) ग्राम-सेलवा तहसील - कटंगी जिला - बालाघाट के परिसर में संपन्न हुई।
- vii. परियोजना की उत्पादन क्षमता निम्नानुसार है -

Input		Output		Utilization
Material	Qty.(MTPA)	Material	Qty.(MTPA)	
Mn	Ore 0.5	Beneficiated	Ore 0.375	सभी अंतिम उत्पाद की आपूर्ति फेरो एलॉय यूनिट को की जाएगी
		Tailing	0.125	सभी टेलिंग का उपयोग abandoned मैंगनीज mine में बैकफिल सामग्री के रूप में किया जाएगा।
Total			0.5	

- viii. प्रकरण को SEAC की 582वीं बैठक में विचार करते हुए EC के लिए अनुसंधित किया गया है। जिसका विवरण उक्त बैठक के कार्यवाही विवरण पृष्ठ क्र. 11 से 24 पर अंकित है। राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक 591वीं दिनांक 27.08.22 की कार्यवाही विवरण में पेज नंबर 110 से 122 पर अंकित करते हुए पुनः परीक्षण कर "पूर्व पर्यावरण स्वीकृति" अनुसंधित की है।

ix. परियोजना का विवरण :

A	Project & location	मेसर्स. बडेबाबा माइनिंग एंड कंसल्टेंसी एलएलपी द्वारा ग्राम सेल्वा तहसील-कटंगी, जिला बालाघाट (मध्य प्रदेश)में 0.5 मिलियन टीपीए की कुल क्षमता के मैंगनीज अयस्क बेनीफिकेशन के यूनिट स्थापना के लिए पर्यावरण स्वीकृति हेतु आवेदन
B	Area statement	<ul style="list-style-type: none"> ➤ Total Available Land = 3.06 ha. ➤ Plant Area = 0.809 ha. ➤ Dumping of waste/Reject = 0.202 ha. ➤ Area under storage of Ore & Product = 0.505 ha. ➤ Shed/Building/Lab/Road etc. = 0.335 Ha. ➤ Landscape Area = 1.007ha. (33 % of the Plot Area) ➤ Parking area = 0.202 ha.
C	Total water requirement & Source	<p>Total water requirement -296 KLD Fresh water requirement-36 KLD Treated water -260 KLD PP has obtained NOC from CGWA for withdrawal of ground water- vide NOC No. CGWA/ NOC/ IND/ ORIG/ 2021/11076 dated 31st Oct, 2020.</p>
D	MSW	<p>MSW का निपटान ग्राम पंचायत के माध्यम से किया जाएगा। इसके लिए ग्राम पंचायत सेल्वा से एनओसी ले ली गई है। रिजेक्ट जनरेटेड का उपयोग निचले क्षेत्र में भरने के लिए किया जाएगा।</p>
E	Waste Water	<p>संयंत्र से अपशिष्ट जल का कोई निर्वहन नहीं होगा क्योंकि तरल अपशिष्ट निर्वहन के लिए शून्य तरल निर्वहन (ZLD) अपनाया जाएगा। इस प्रक्रिया में Filtrate water का पुनः उपयोग किया जायेगा और यह एक शून्य अपशिष्ट भौतिक पृथक्करण प्रक्रिया है जिसमें किसी प्रकार के रसायनों को शामिल नहीं किया जाता है। घरेलू अपशिष्ट जल का निपटान सेप्टिक टैंक और सोक पिट के माध्यम से किया जाएगा।</p>
F	Details of Emission, effluents, hazardous waste generation and their management.	<p>इस प्रक्रिया में खतरनाक अपशिष्ट का कोई उत्पादन नहीं होगा। पक्की सड़क के निर्माण में चिप (क्वार्ट्स) प्रकार के कचरे का पुनः उपयोग किया जाएगा और M/s Metal & Minerals द्वारा संचालित बालाघाट में मैंगनीज खदान की बैक फिलिंग / रिक्लेमेशन में अपशिष्ट के स्लाइम फॉर्म का उपयोग किया जाएगा। इस संबंध में मेसर्स मेटल एंड मिनरल्स के साथ समझौता ज्ञापन पर हस्ताक्षर किए गए हैं।</p>
G	ग्रीन बेल्ट	<p>वर्तमान में परियोजना स्थल पर कोई पेड़ मौजूद नहीं है। कुछ झाड़ियां मौजूद हैं जिन्हें निर्माण कार्य शुरू होने से पहले साफ कर दिया जाएगा। परियोजना प्रस्तावक द्वारा ग्रीन बेल्ट एवं वृक्षारोपण क्षेत्र का विकास 1.007 हे. अर्थात् कुल संयंत्र क्षेत्र के 33.31 प्रतिशत में किया जायेगा। हरित पट्टी के विकास के लिए फलदार/औषधीय पौधे और स्थानीय प्रजातियों वृक्षों को प्रति हेक्टेयर 2,000-2,500 घनत्व में लगाया जाएगा।</p>
H	Power:	<p>परियोजना हेतु कुल 500 किलोवाट बिजली की खपत होना संभावित है। बिजली की आपूर्ति मध्य प्रदेश विद्युत वितरण कंपनी</p>

		लिमिटेड के माध्यम से पूरा किया जाएगा। वैकल्पिक व्यवस्था के रूप में डीजी सेट: 25 क्वीए प्रस्तावित है
I	List of raw materials required and their source along with mode of transportation.	प्रमुख कच्चा माल मैंगनीज अयस्क है जिसे पास की निजी मैंगनीज खानों और बालाघाट जिले के मैंगनीज ओर इंडिया प्राइवेट लिमिटेड से खरीदा जाएगा। सभी मैंगनीज खदान परियोजना स्थल के 20-30 किमी के दायरे में स्थित हैं।
J	रेनवॉटर हार्वेस्टिंग	इकाई परिसर के अंदर वर्षा जल एकत्र कर वर्षा जल भंडारण संरचनाओं का विकास किया जाएगा। ग्राम पंचायत के परामर्श से आस-पास के गांवों में रूफ टॉप रेनवाटर हार्वेस्टिंग सिस्टम तथा प्लांट परिसर के बाहर भूजल पुनर्भरण संरचना का निर्माण लिया जावेगा
K	प्रोजेक्ट कास्ट	परियोजना लगत : Rs 5 Cr ईएमपी पूंजीगत लागत (कैपिटल कॉस्ट) 165 लाख रुपये और आवर्ती लागत. (Recurring cost) 57.0 लाख रुपये प्रस्तावित किया गया है।
L	PP committed	<ul style="list-style-type: none"> Settling tanks are not proposed as all the outgoing products are filtered and reclaimed. Filtrate water is reused in the process and it is a Zero waste physical separation process with no addition of chemicals producing a host of Mn rich, Silica rich main co and by products. There is no proposal for Silos. Separate yards are proposed for storage of raw material, main, co products and less valuable products [tailings] with adequate facilities. We assuring that stock pile which is to be used in feeding to hopper for beneficiation shall always have 15-20% moisture to avoid fugitive emission of dust and stored stock pile must have minimum 15% moisture. The composition of tailing will be filtered solids containing mainly Quartz which is non- hazardous waste (assaying 86.42% SiO₂ and 7.03% Mn). We have committed that all internal road will be Pucca/Paved. An undertaking regarding the has been already given. Also we will construct 500m road in Selwa village and maintenance work for 1 year. A budget of INR 7.0 Lakh has been kept for Road Development and maintenance work under CER. Chemicals to be stored at site include the chemicals required for treatment of the wastewater including non-toxic, eco-friendly flocculants (100 Tons/Month) which will be stored in covered shed. Very little quantity, approx. 0.005 KL/annum of waste oil will be generated will be generated from DG set which will be stored in covered HDPE drums in a designated area and will be given to authorized vendors. DG Stack height will be 30m.

Based on the information submitted at Para i to ix above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 746th meeting held on 13.09.2022 and decided to accept the recommendations of 582th SEAC & 591st meeting held on dated 29.06.2022 & 27.08.22 respectively.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA Notification dtd. 14th September 2006 & its amendments to the proposed Manganese Ore Beneficiation Plant (Capacity - 0.5 MTPA) at Village Selwa, Tehsil - Katangi, District - Balaghat, MP by

M/s Badebaba Mining and Consultancy LLP, through Shri Shubham Jain, Partner, Main Road, Gobarwahi, Dist. Balaghat, MP subject to the compliance of the Standard Conditions and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

A. Specific Conditions as recommended by SEIAA

1. परियोजना में मैंगनीज अयस्क का बेनीफिकेशन किया जा रहा है अतः परियोजना प्रस्तावक को निर्देशित किया जाता है कि बेनीफिशियेशन से जेनरेटेड रिजेक्ट का उचित प्रबंध करे, जिसे पर्यावरण को किसी प्रकार की क्षति न हो तथा उत्पादन क्षमता के अनुसार प्लांट में Raw Material के रखरखाव कि समुचित व्यवस्था हो।
2. परियोजना प्रस्तावक द्वारा संचालन के समय पानी की मांग पूर्ति हेतु भूजल पानी से किया जाना प्रस्तावित है। परियोजना प्रस्तावक ने भूजल के दोहन हेतु CGWA से अनापत्ति प्रमाण पत्र भी प्राप्त कर लिया है। भूजल की निकासी को रोकने हेतु परियोजना प्रस्तावक को सतही जल (Surface Water) के उपयोग हेतु प्रयास करना चाहिये।
3. परियोजना प्रस्तावक परिवहन मार्ग के साथ ईकाई की सीमा पर सघन वृक्षारोपण करेगा और वृक्षारोपण को भी मजबूत करते हुए संपूर्ण वृक्षारोपण 02 वर्षों के भीतर पूरा करें।
4. परियोजना स्थल के चारों ओर विशेष रूप से प्रबल हवा की दिशा में सघन हरित क्षेत्र विकसित किया जायेगा। बसाहट की ओर अतिरिक्त सुरक्षा प्रदान करने के लिये स्थल की सीमा के साथ-साथ सघन हरित पट्टी विकसित किया जाना भी सुनिश्चित करें।
5. ईकाई से निकले रिजेक्ट को ज्यादा से ज्यादा ईकाई के अंदर पुनरुपयोग किया जायें ताकि किसी प्रकार के प्रदूषण की समस्या उत्पन्न न हो सकें।
6. ईकाई परिसर के अंदर की सभी सड़कें पक्की होनी चाहियें एवं परियोजना प्रस्तावक को खनिजों के परिवहन के लिये उपयोग की जाने वाली सड़क का रखरखाव नियमित रूप से किया जाना चाहिये।
7. ट्रकों एवं वाहनों के आवागमन हेतु सड़क की उचित चौड़ाई और टर्निंग रेडियस सुनिश्चित करते हुये कम से कम ट्रकों के लिये पक्का पार्किंग-वे विकसित किया जाना चाहिये।
8. परियोजना प्रस्तावक के द्वारा दुर्घटना के दृष्टिगत वाहनों की आवाजाही हेतु प्रवेश और निकासी की अलग-अलग उचित व्यवस्था सुनिश्चित करनी चाहिये।
9. Waste water management:-
 - (a) PP should ensure 100% recycling of waste water and maintain zero discharge.
 - (b) There shall be no industrial effluent discharge within the project premises.
10. Air Quality Management:-
 - (a) The performance of air pollution control system should be regularly monitored and maintained.
 - (b) PP should ensure regular Stack monitoring & Ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.
 - (c) Transportation of raw material and finished goods should be carried out in covered trucks.
 - (d) Dust suppression system including water sprinkler system/ foaming arrangement shall be provided at loading and unloading areas to control dust emission.
 - (e) Fugitive emission in the work zone environment, product, raw material storage areas etc. shall be regularly monitored.
 - (f) Separate civil construction material storage yard should be created within the site and it will be enclosed.
 - (g) Possibility of increasing the pace of green belt development along with construction activity will also be explored.
 - (h) Transport vehicles and construction equipments / machineries will be properly maintained to reduce air emissions.

- (i) Vehicles and equipments will be periodically checked for pollutant emissions against stipulated norms.
 - (j) Idle running of vehicles will be minimized during material loading / unloading operations.
11. Tailings generated from the process shall be used for brick manufacturing / building material as far as possible. Storing / dumping of this waste should be avoided. However, if stored or dumped, in abundant mine pit the ground water monitoring of the area has to be carried out periodically in consultation with MPPCB.
 12. Dense green area (not less than 33% of the total plot area) shall be developed all around the site especially in the predominant wind direction.
 13. Occupational health check-up camps shall be organized regularly and records of health of each and every worker should be maintained at site.
 14. Secondary fugitive emissions from all sources shall be controlled within latest permission limits issued by the Ministry and regularly monitored. Guidelines / Code or practice issued by CPCB shall be followed.
 15. Regular monitoring of influent and effluents surface, sub-surface and ground water shall be ensured and treated waste water shall be re-cycled in the process. Leachate study for effluent generated & analyses should also be regularly carried out and report submitted to ministry and MPPCB.
 16. Risk & Disaster Management Plan along with the mitigation measures should be prepared and copy shall be submitted to Ministry of Environment & Forests, GoI & MPPCB.
 17. PP shall implement Corporate Environment Responsibility with budgetary provision of 55.20 lakhs

B. Specific Conditions as recommended by SEAC

I Statutory Compliance

- i. Beneficiation of 0.5 MTPA will result in the beneficiated Mn Ore 0.375 MTPA and Tailing (Waste) 0.125 MTPA.
- ii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
- iii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time & permission of competent authority if ant tree falling is to be carried out.
- iv. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

II Air quality monitoring and preservation

- i. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
- ii. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS.
- iii. The DG set of 25 kVA shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- iv. DG set of 25 kVA exhaust will be discharged at height stipulated by CPCB.
- v. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

III Water quality monitoring and preservation

- i. About 84.4% of the total process water is reclaimed and reused. Reclaimed Process waste water will be immediately collected from thickeners and filters in reclaimed water tanks and circulated back in the washing circuit. Zero effluent discharge will be practiced and No chemicals are used in the process.

- ii. No effluent generation from the process. Water from filter press will be collected and recycled back into the system. Sewage will be disposed through septic tank and soak pit.
- iii. CGWB has given NOC for fresh Ground Water Abstraction for 335.00 m³/day (110550.00 m³/year) which is valid upto 30/10/2023. If additional GW required further, PP can apply Central Ground Water Board North Central Region. PP shall comply Mandatory conditions & General conditions imposed by CGWB.
- iv. The project proponent shall provide online continuous monitoring of effluent (if applicable), the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- v. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises, for which PP shall provide Thickener, Filter Press and recycling system for making system zero discharge
- vi. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
- vii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- viii. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- ix. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
- x. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

IV Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to DG set of 25 kVA for controlling the noise pollution.
- ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- iii. 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.

V Energy Conservation measures

- i. The energy sources for lighting purposes shall preferably be LED based.

VI Waste management

- i. Rejects - 0.125 MTPA silica rich rejects generated & will be used as aggregates co-product and filtered slimes shall be reused for making of pavered blocks after getting scientific studies conducted through an agency of national reput.
- ii. For as backfilling of rejects in abandoned Mn mines, comprehensive analysis of rejects for its hazardous constituents such as heavy metals and TCLP shall be carried out and after the approval of MP Pollution Control Board.
- iii. Municipal Waste - 100 kg per month municipal waste will be generated, which will be disposed through Gram Panchayat and after composting may be used as manure that will be used along with top soil over the mine tails waste dumps to grow vegetation.
- iv. Hazardous Waste Generation, Storage & Disposal-Very little quantity, approx. 0.005 KL / annum of waste oil will be generated will be generated from DG set which will be stored in covered HDPE drums in a designated area and will be given to authorized vendors.
- v. PP shall explore the possibility of "waste wealth concept" by using quartz/ reject as alternate substitute raw material in the paver blocks manufacturing or other fruitful purposes after getting scientific test from approved laboratory.

- vi. The stock pile which is used in feeding to hopper for beneficiation shall always have 15-20% moisture to avoid fugitive emission of dust and stored stock pile must have minimum 15% moisture.
- vii. The solid tailings shall be used by Cement Industries, for bricks manufacturing nearby bricks plant, or paver blocks after conducting scientific study through an institute of national repute within a year and their findings shall be submitted with six monthly compliance reports.
- viii. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- ix. Hazardous wastes such as used oil, discarded drums, used carbon (if any) etc shall be directly sent to nearby approved vendors.
- x. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
- xi. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
- xii. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
- xiii. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
- xiv. All the storage area of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks.
- xv. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.

VII Green Belt

- i. A greenbelt of 1.007 ha (33.0% of Total Plot Area) will be developed in the plant premises. Greenbelt will be developed around the plant, along the transportation road and nearby Village within initial 2 Yrs. total 4500 No's no of trees shall be planted in the next two years as follows:

Schedule	Species	Number	Place
1st and 2nd Year	Biza, Kusum, Haldu, Kachnar, mahua, Dahiman, Achar, Guava, Kathal Salyakarni and local species etc.	Biza -250, Kusum-200, Haldu - 100, Kachnar- 150, Mahua- 200, Guava-200, Kathal-150, Dahiman-100, Salyakarni- 150 Total =1500	Along the project boundary
1st and 2nd Year	Biza, Kusum, Haldu, Kachnar, mahua, Guava, Kathal	Biza -150, Kusum-200, Haldu - 100, Kachnar- 150, Mahua-200, Guava-200, Kathal-150, Total = 1150	Along the transport Road
1st and 2nd Year	Biza, Kusum, Haldu, Kachnar, mahua, Dahiman, Achar, Guava, Kathal Salyakarni and local species etc.	1850 Ncs.	For distribution at Village

- ii. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 01 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- iii. PP shall also develop green belt over community places in consultation with gram panchayat.

VIII Safety, 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 unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.

- iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- v. 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.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

IX EMP & CER

- i. The proposed EMP cost is Rs. 165.00 Lakhs as capital and 57.0 Lakhs /year as recurring cost.
- ii. PP shall propose physical targets based on public hearing under Corporate Environment Responsibility (CER).

S. No.	Issue Raised during PH	Physical activity and action plan	Budget	2022-2023	2023-2024
1	Providing employment to local people	Willing and employable youths will be identified in consultation with grampanchayat of Selwa (30Nos). They will be trained in Katangi ITI for trades namely electrician, fitters, welders, painters, and civil construction work, etc. Fees will be paid by us. Scholarship of Rs. 1000/- per month will be given to the trainees for the entire duration. After successful completion of training, the youths will be offered Employment in company.	16.2 Lakhs Stipend – 4.20 Lakh (800/- stipend to 50 persons for 1 year) ITI Fee – 12 Lakhs (26000/- yearly fee for 50 persons)	Training of 25 persons will be completed in 1st year	Training of 25 persons will be completed in 2nd year
2	Infrastructure development of local School and development of green belt in village Selwa	PP will make separate toilets for boys and girls (in 2 local schools around the project, in Village-Selwa, Bhajiyapar and Village- Gopalpur (1 schools), kitchen in 3 local schools supplying mid-day meals, providing furniture, computers and colour printers	10 Lakhs 6 Toilets–1 Lakh, 3 Kitchen – 1.5 Lakh, 400 -Tables & Chairs–4.0 Lakh, 12 Computer–3.0 Lakh, 3 Colour printer-1.5 Lakh. 5 Lakhs Development of green belt in Selwa village (2000 trees)	We will complete work in Village Selwa & Bhajiyapar schools (2 schools) 1000 trees will be planted	We will complete work in school Village Gopalpur (1 School) 1000 trees will be planted
3	Drinking Water	Company will make	7 Lakhs	We will	We will

	Supply in nearby areas	arrangement for drinking water facility with pump, piping and RO system in 3 surrounding villages. (Village-Selwa and Bhajiyapar)	Up gradation of drinking facility in nearby villages.	complete drinking water supply in Selwa village.	complete drinking water supply in Bhajiyapar village.
4	Road Development and maintenance work in Selwa Village	Company will construct the 500 mtr road in Selwa village and maintenance work for 1 year.	7 Lakhs Road development work in Selwa village in consultation with local authority.	Work will complete in Selwa village.	--
5	Concern about health of local people	Donate medical equipment like Beds, Stretcher, Portable Oxygen Cylinder (330 Litre), Oxygen Concentrator (0.5 to 5 Ltr), Air Purifier (Honeywell Air Purifier with Capacity of 300m ³ /hr), AC (Window AC of 1.5 Ton), in Health center of Chitranji	10 Lakhs Ten Bed-1.0 Lakhs, Ten O2 Cylinder-1.5 Lakh, Four- Oxygen Concentrator - 4.0 Lakh, Four Air Purifier- 1.5 Lakh, Four AC- 2.0 Lakh	We will Donate to Health center at Katangi in consultation with area CMO officer.	-
Total			55.20 Lakh		

- iii. The company shall have a well laid down environmental policy duly approved 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.
- iv. 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 report to the head of the organization.
- v. Fund should be exclusively earmarked for the implementation of EMP through a separate/company bank account.
- vi. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- vii. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

Miscellaneous


- PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
- 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.

- iv. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any
- v. 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.

Standard Conditions:

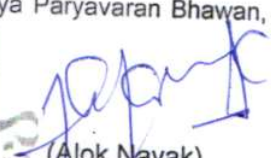
1. Regular monitoring of influent and effluent, surface, sub-surface and ground water should be ensured and treated waste water should meet the norms prescribed by the MPPCB or described under the Environment (Protection) Act, 1986 whichever are more stringent.
2. Project Proponent has to strictly follow the direction/guidelines issued by MoEF, CPCB and other Govt. Agencies from time to time.
3. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF & CC, Gol, and its Regional Office, Bhopal.
4. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies (Panchayat and Municipal Bodies), District Collector and DFO as applicable and responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
5. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the MoEF & CC, Gol and State Level Environment Impact Assessment Authority (SEIAA) at www.environmentclearance.nic.in & www.mpseiaa.nic.in & a copy of the same shall be forwarded to the Regional Office, MoEF & CC, Gol, Bhopal.
6. Full Cooperation should be extended to the Officers and staff from the Ministry and its Regional Office at Bhopal / the CPCB / the SPCB during monitoring of the project.
7. 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 Environment (Protection) Act, 1986.
8. The Environmental Clearance shall be valid for a period of seven years from the date of issue EC as per EIA Notification, 2006 Para 9 & its amendments.
9. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30-days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
10. The Project Proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - <http://www.environmentclearance.nic.in/> or <http://www.efclearance.nic.in/> and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also

11. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF & CC, Gol.
12. The project authorities 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 and the date of start of the project.


(Shriman Shukla)
Member Secretary

Copy to:-

- (1). Principal Secretary, Department of Environment, Government of MP, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, ParyavaranParisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, ParyavaranParisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, District Balaghat -M.P.
- (5). Deputy Secretary, Department of Commerce, Industry & Employment, Mantralaya, Bhopal.
- (6). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, JorBagh Road, New Delhi - 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.


(Alok Nayak)
Officer-in-Charge