

## 564वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 15 अप्रैल 2022

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, भोपाल से पर्यावरणीय स्वीकृति हेतु प्राप्त परियोजनाओं के तकनीकी परीक्षण हेतु राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की 564वीं बैठक दिनांक 15/04/2022 को डॉ. पी.सी. दुबे की अध्यक्षता में आयोजित की गई, जिसमें समिति के निम्नलिखित सदस्य स्वयं/वीडियो कॉन्फ्रेंसिंग के माध्यम से उपस्थित रहें :-

1. श्री राघवेन्द्र श्रीवास्तव, सदस्य ।
2. प्रो. (डॉ.) रुबीना चौधरी, सदस्य ।
3. डॉ. ए.के. शर्मा, सदस्य ।
4. प्रो. अनिल प्रकाश, सदस्य ।
5. प्रो. (डॉ.) आलोक मित्तल, सदस्य ।
6. डॉ. जय प्रकाश शुक्ला, सदस्य ।
7. डॉ. रवि बिहारी श्रीवास्तव, सदस्य ।
8. श्री ए.ए. मिश्रा, सदस्य सचिव ।

सभी सदस्यों द्वारा अध्यक्ष महोदय के स्वागत के साथ बैठक प्रारंभ करते हुए बैठक के निर्धारित एजेण्डा अनुसार पर्यावरणीय स्वीकृति हेतु प्राप्त प्रोजेक्ट्सों का तकनीकी परीक्षण निम्नानुसार किया गया :-

1. **Case No. – 7675/2020 M/s A.P.Trivedi Sons, Manganese Mines Owner, Main Road, Dist. Balaghat, MP – 481001 Prior Environment Clearance for Capacity Expansion of Manganese Quarry in an area of 43.086 ha. (62000 to 90868 tonne per annum) (Khasra No. 129, 143,145, 147/2, 146/1-2, 147/1-3-4, 148, 152, 153,387, 381, 382, 384, 385, 386, 388/1, 389/1, 390, 391,392, 393, 394,395,396,397,398,399,402,403,405 & 406,407, 409, 410, 413, 414, 418, 411,412,417, 415/1, 415/2, 415/3,416/3, 419/1,420, 421,422,423,424,425,426, 427,428), Village - Ramrama Tehsil - Waraseoni, Dist. Balaghat, (MP) EIA Con. Creative Enviro Services, Bhopal.**

This is a case of Expansion of Manganese Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 129, 143,145, 147/2, 146/1-2, 147/1-3-4, 148, 152, 153,387, 381, 382, 384, 385, 386, 388/1, 389/1, 390, 391,392, 393, 394,395,396,397,398,399,402,403,405 & 406407, 409, 410, 413, 414, 418, 411,412,417, 415/1, 415/2, 415/3,416/3, 419/1,420, 421,422,423,424,425,426, 427,428), Village - Ramrama Tehsil - Waraseoni, Dist. Balaghat, (MP) 43.086 Ha. The project requires prior EC before commencement of any activity at site.

TOR was recommended in 461<sup>st</sup> SEAC meeting dated 29/09/20.

The case was presented by the PP Mr. Harsh Trivedi, Mr. Nischal Trivedi and consultant Mr. Umesh Mishra, wherein following details were submitted:

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- This is case of capacity expansion of Maganese ore deposit mine. The project has been proposed for the Mining of Manganese ore over Govt and private Land by open cast and underground through mechanized method. Mining will be confined to the allotted lease area which lies on the Govt and private Land from where capacity expansion from 62000 tonnes per annum to 90868 Tonnes per annum of Manganese ore will be excavated per annum.
- The mining lease has been granted in favour of M/s A P Trivedi & Sons over an area of 43.086 Ha on Khasra No 129, 143,145, 147/2, 146/1-2, 147/1-3-4, 148, 152, 153,387, 381, 382, 384, 385, 386, 388/1, 389/1, 390, 391,392, 393, 394,395,396,397,398,399,402,403,405 & 406407, 409, 410, 413, 414, 418, 411,412,417, 415/1, 415/2, 415/3,416/3, 419/1,420, 421,422,423,424,425,426, 427,428 situated in Village Ramrama, Tehsil- Waraseoni &, District Balaghat M.P. Mining will be carried out on the basis of govt. consent order for mining operations for 50 years.
- A total mineable reserve as per the mining plan is 703736 Tonne & with maximum of production of mineral of 90868 TPA after expansion.
- The proposed project is an opencast as well as underground and fully mechanized mining project, where mining of Manganese will be done through drilling, Balsting, Jack hamer etc alongwith associated activities viz physical beneficiation through screening, crushing, zigging, washing.
- Existing mining is being carried out by 'A' Category (Other than Fully Mechanized) opencast and underground method of mining using excavator cum loader (back hoe) drilling is being done with JH and wagon drill.
- Lumps of Mn ore are being transported from pit bottom to surface mechanically. Regular use of explosive is being done in the area. From the loading point of view, mineral is transported by trucks/ dumpers to the user industries.
- Loading of mineral into trucks/dumpers is being done by loader and manually also.
- Presently three O/c pits have been reported in lease area, which covers about 11 ha area upto depth of 300m MSL.
- Opencast mining mining is proposed in Quarry no. II, where mining is viable with the available reserve. The proposals of mining is given from 340m to 282 m in Quarry no. II.
- Underground mining - Considering the mineral existence underground, development and future prospect of stoping, the desired development for stoping will be from MSL 286 m to MSL 305 m by developing drives/ X-cuts/ Winze/ Raises.
- Mode of entry:

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- Circular Vertical shaft (Ramink Shaft) (VS) from 340-286m
  - Incline No. 6 from Quarry No. III connected to Circular Shaft
  - Winze No. 4 & 5 Connect with each other.
- Mode of entry: The lessee has put one vertical shaft as Circular Vertical Shaft (Ramnik Shaft) (VS) towards western part of the area and it has safe distance from Mahadeo Nallha and further top RL of vertical shaft is around MSL 340m while HFL of Mahadeo nalla is MSL 336m i.e. it is 4m above the HFL of Mahadeo Nallah. Then after requirement of second outlet is needed as per proposal therefore lessee has developed second outlet as Incline No. 6 from Quarry No. III, which is connected to circular shaft. Further Winze No 4 & 5 and incline 6 is already within quarry No.III and this quarry already been protected with natural face /embankment and embankment (size of embankment is top width 20m bottom width is 32m and length is average 200m) has Top MSL of 343m which 7m above HFL of Mahadeo Nalla (Mahadeo Nalla has HFL of MSL 336m).
- The ventilation scheme provided by the PP for U/g operation found satisfactory as they are maintaining  $V_{eq}$  at the arte of 0.99 against the minimum limit of 0.70. The Humidity in the U/g operation is found 86-92 which is above the minimum limit of 32 % hence found satisfactory. The capacity of fan is also found satisfactory.
- Further the illumination provided at U/ g operation is also adequate and meeting the standard as prescribed by DGMS.
- PP also provides the safety distance maintained by them as 100 mt between u/g and o/c operation which is also more than the prescribed limit of 60 mtrs.
- The level at U/g and surface was maintained properly to prevent entering of water in U/g operation. The level of water sump, HFL of nalla and at the point of U/g Operation are found satisfactory and PP were asked to maintain the same during future course of operation.
- The roof bolt support system was also discussed and found satisfactory the distance maintained by PP as one bolt at 1 sq mtrs. Though frequency of testing is need to increase and PP has asked to make strength test after every one hrs after fixing the bolt at roof.

During presentation PP submitted that they have obtained MoEF&CC com-pliance repot of earlier EC conditions vide letter no 710 dated 29/10/21 wherein compliance is found satisfactory. After presentation committee asked PP to submit response on following issues

1. Revised CER activities to be carried out
2. Revised plantation scheme with schedule of plantation.

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3. Commitment that slag for filling of underground voids will be initiated if declared suitable only after conducting analytical study for leachate aspects from institute of repute and after the permission of MP Pollution Control Board.

PP vide their letter dated 15.04.2022 submitted query reply which was placed before the committee and found satisfactory and acceptable. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC Prior Environment Clearance for capacity expansion in Manganese Deposit in an area of 43.086 ha. (62000 TPA to 90868 TPA ) with associated activities screening, crushing, zigging, washing (Khasra No. 129, 143,145, 147/2, 146/1-2, 147/1-3-4, 148, 152, 153,387, 381, 382, 384, 385, 386, 388/1, 389/1, 390, 391,392, 393,394,395,396,397,398,399,402,403,405 & 406407, 409, 410, 413, 414, 418, 411,412,417, 415/1, 415/2, 415/3,416/3, 419/1,420, 421,422,423,424,425,426, 427,428) at Village – Ramrama , Tehsil – Waraseoni , Dist. Balaghat (MP)subject to the following special conditions:

**I. Statutory compliance:**

- I. This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any Court of Law, Common Cause Conditions as may be applicable.
- II. The project proponent complies with all the statutory requirements and Judgment of Hon'ble Supreme Court dated 2<sup>nd</sup> August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.
- III. The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgments of Hon'ble Supreme Court dated 2<sup>nd</sup> August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
- IV. The Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board Wildlife, if applicable to the project.
- V. This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.
- VI. Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall

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not commence prior to obtaining Consent to Establish/Consent to Operate from the concerned State Pollution Control Board/Committee.

- VII. The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Department & Regulation, Act, 2015 and rules & regulations made there under PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines from time to time.
- VIII. The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it if applicable to the Project.
- IX. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA.II(M) dated 29<sup>th</sup> October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area” .
- X. The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project.
- XI. Slag for filling of underground voids shall be initiated only after its suitability is established by conducting analytical study for leachate aspects from an institute of repute and after the permission of MP Pollution Control Board.
- XII. The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership of mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provision of the Para-11 of EIA Notification, 2006 as amended from time to time.

## **II. Air quality monitoring and preservation**

- I. The Project Proponent shall monitor critical parameters, relevant for mining operations, of air pollution viz, PM10, PM2.5, NO2, CO and SO2 etc. covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building. Canteen etc. as per the site condition to ascertain the exposure characteristics at specific places.
- II. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc) shall be carried out in areas prone to air pollution wherein high levels of pM10 and PM2.5 are evident such as haul road. Loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation

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of required equipments/machineries and preventive maintenance. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/Central Pollution Control Board.

**III. Water quality monitoring and preservation**

- I. In case immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
- II. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority /State Ground Water Department.
- III. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby adjacent to the mine lease and maintain its records. It shall be ensured that no obstruction and/or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April-May), monsoon (August) post monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environmental, Forest and Climate Change and its Regional Office,
- IV. Project Proponent shall plan develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water/State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional office MoEFCC annually.
- V. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.

**IV. Noise and Vibration monitoring and preservation**

- I. The peak particle velocity at 500 m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.

- II. The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM etc. should be provided with ear plugs/muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case in has been found that workers/personals/laborers are working without personal protective equipment.

#### **V. Mining plan**

- I. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc. NO change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz, method of mining, overburden & dump management, O.B. & dump mining, mineral transportation mode, ultimate depth of mining etc) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the from to Short Term Permit (STP), Query license or any other name.
- II. The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the provision of the MMDR Act, 1957 and Rules/Guidelines made there under.
- III. The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan.

#### **VI. Land Reclamation**

- I. The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S. w.r.t safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The topsoil shall be used for land reclamation and plantation.

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- II. The reject/waste generated during the mining operations shall be staked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
- III. The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum progressive Mine Closure Plan.
- IV. The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface runoff. The selection of local species regulates local climate parameters and help in adaptation of plan species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dump. The dump mass should be consolidated with the help of dozer/compactors thereby ensuring proper filling/leveling of dump mass. In critical areas, use of geo- textiles/ geo- membranes/clay liners/Bentonite etc. shall be undertaken for stabilization of the dump.
- V. The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slop stability report shall be submitted to concerned regional office of MoEF&CC
- VI. Garland drain , Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/River/Pond etc). The collected water should be utilized for watering the mine area roads, green belt development, plantation etc. The drain /sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season and maintained properly.
- VII. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. Apart from Existing Garland drain, further four drains will be provided having size of 404 X 0.25 X 0.25, 254 X 0.25 X 0.25, 468 X 0.25 X 0.25 and 534 X 0.25 X 0.25.
  - I. Apart from the existing settling tanks, further the settling tank will be two in number of size 60mL X 40mW X 5mD with 29 settling pit
  - II. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.



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- VIII. Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments of sediments/silt material. The sedimentation pits/sumps shall be constructed at the corners of the garland drains.
- IX. The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.
- X. The existing and proposed land use plan of the mine is as follows:

S. No.	Heads	At Present Ha.	At the end of 5yrs- Ha	At the end of conceptual period-Ha
1	Area Under Mining	11.00	11.135	11.75
2	Storage of Top Soil	-	-	-
3	Overburden Dump (S)	13.4111	13.4111	13.4111
4	Mineral Storage	0.10	0.10	Nil
5	Infrastructure (Admin Block, Staff room Etc.)	1.052	1.052	1.052
6	Roads	0.576	0.576	0.576
7	Greenbelt	10.50	11.50	11.50
8	Tailing Pond(S)	-	-	-
9	Effluent Treatment Plant.	-	-	-
10	Mineral Separation Plant	2.00	2.0	2.0
11	Others To Specify (Retaining Wall, Settling Tank & Garland Drain)	0.20	0.35	-
12	Un-worked land	4.2469	2.9619	2.7969
13	<b>Total land</b>	<b>43.086</b>	<b>43.086</b>	<b>43.086</b>
14	Water reservoir	0.55	0.55	1.50
15	Plantation			

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	Un-worked area	10.50	11.50	11.50
	Backfilled area	-	0.70	6.955
	Dump area	3.80	3.80	5.30
	Bench area	-	-	0.89
	<b>Total plantation area</b>	<b>14.30</b>	<b>16.00</b>	<b>24.645</b>

### VII. Transportation

- I. No Transportation of the minerals shall be allowed in case of roads passing through villages/habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling with also be done regularly. Vehicular emission shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.
- II. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

### VIII. Green Belt

- I. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP apart from the existing plantation of 14000, a minimum of 19500 trees shall

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be planted within three years in barrier zone, backfilled area and along the transportation route as follows:

Schedule	Species	Number	Place
1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> Year afforestation	Biza, Kusum, Haldu , Kachnar, mahua, Khamar Katang Bas,	Biza -1000, Kusum,-500 Haldu - 500, Kachnar- 250, m Mahua- 1000, Khamar - 500 Katang Bas- 500 <b>Total = 4250</b>	Dump Area
1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> Year afforestation	Biza, Kusum, Haldu , Kachnar, mahua, Khamar Katang Bas, Dahiman, Achar, Salyakarni and local species etc	Biza -1000,Kusum,-500, Haldu - 500 Kachnar- 250, Mahua- 1000, Khamar - 500, Katang Bas- 500 , Dahiman - 100, Achar- 2000, Salyakarni- 200 <b>Total = 6250</b>	Non mining area Around open cast pit
3 <sup>rd</sup> Year	Biza, Kusum, Haldu , Kachnar, mahua, Khamar Katang Bas,	Biza -1000,Kusum- 1000, Haldu -500 Kachnar- 500 , Mahua- 1000, Khamar - 500, Katang Bas- 1000, Dahiman - 100, Achar- 300 <b>Total = 5800</b>	Backfilled and Bench Area
1 <sup>st</sup> & 2 <sup>nd</sup> year	Karanj, Mahua, Chirol, Sal Putaranjeva, Neem, and local species etc	<b>1200</b>	Along the transport Road
1 <sup>st</sup> & 2 <sup>nd</sup> year	Karanj, Awala Neem, Aam, Kathal, Neebu, jamun, Munga and local species etc	<b>2000</b>	For distribution at Village
<b>Total</b>		<b>19500</b>	

- II. The Project Proponent shall develop greenbelt in 7.5 m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The proposed Green belt shall be developed within first 03 years starting from windward side of the active mining area. The development of green belt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.
- III. The Project Proponent shall carryout plantation/afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc by planting the native species in consultation with the State Forest Department/Agriculture Department/Rural development department/Tribal Welfare Department/Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. Adequate budgetary provision shall be made for protection and care of tree.

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IV. The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun should be scrupulously guarded/protected against felling the plantation of such trees should be promoted.

**IX. Public hearing and human health issues**

- I. The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly.
- II. The proponent shall also create awareness and educate the nearby community and workers for sanitation, Personal Hygiene. Hand washing, not to defecate in open. Women Health and Hygiene. Hand washing, not to defecate in open. Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line HRA for all the category of workers and thereafter every five years.
- III. The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- IV. The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.

**X. EMP& Corporate Environment Responsibility (CER)**

- I. For Environment Management Plan PP has proposed Rs. 40.72 Lakhs as capital and Rs. 43.34 Lakhs as recurring cost for this project.
- II. PP has proposed Rs 10.50 Lakhs under Corporate Environment Responsibility (CER) for remaining project component as follows:

Commitment towards CER and public hearing Issue		
SN	Issues	Cost in Lacs
Proposal of CER		

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Adaptation of Anganwadi	Adaptation of Anganwadi of Village- Ramrama for 1 yr for supply of milk and eggs ( 50 children - Seasonal fruits and 200 ml of milk )	1.80 + 0.90 = 3.70
Adoptaion of Van Gram	Adaptation of Village Anganwadi Sonawani Van Gram for for supply of Poshan Aahar for 1 yr with concerned DFO, South Balaghat.	Rs 3.65
<b>Total</b>		<b>7.35</b>
<b>Budget For Public Hearing Issue</b>		
Mangal Bhawan	Remaining work (Boundry wall and Kitchen shed) as well as repairing work at Mangal Bhawan.	4.00
Paver block around community hall & Mahadev Mandir	Provision of Paver Block all around community hall and at Mahadev Mandir	3.0
Plantation along the nalla	2000 numbers of trees has already been planted after the public hearing both side of nalla i.e. length of Nalla is 2.50km. Expenditure	2.0
Deepening of nalla	Deepening of nalla will be done after getting required permission from WRD which shall be facilitated through gram panchayat.	1.0
<b>Total</b>		<b>10</b>
<b>Gran Total</b>	-	<b>10.35 @ 10.50 Lacs</b>

III. The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry's O.M. No. 22-65/2017-IA.II(M) dated 01/5/2018 or as proposed by SEAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual and annual report of implementation of the same along with documentary proof viz. photography's. Purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.

IV. Project Proponent shall keep the funds earmarked for environmental protection measures in a separate count and refrain from diverting the same for other purpose. The Year wise expenditure of such funds should be reported to the MoEFCC and its concerned Regional Office.

**XI. Miscellaneous**

I. The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEFCC.

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- II. The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- III. The project Proponent shall submit six monthly compliance report on the status of the implementation of the stipulated environmental safeguards to the MoEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
- IV. A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientist and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.
- V. The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data/information/monitoring report.

**2. Case No 8873/2021 M/s ECO MED Solutions, Shop No. 2, Kheri Road, Sector-98, Dist. Faridabad, Haryana - 121002 Prior Environment Clearance for Proposed Common Bio-Medical Waste Treatment Facility Total Area – 4100 Sq.mt. (1.07 Acre) • 1 No. Incinerator of capacity 100 kg/hr (Dry) • 1 No. Autoclaving of capacity 250 kg/hr • 1 No. Shredding of capacity 100 kg/hr each • ETP Capacity –5 KLD ha., at Plot No. - 84, P & H in Lahgadua Industrial Area, District- Chhindwara (MP) [69688] Cat. – 7(da) Common Bio-Medical Waste Treatment Facility. Env. Consultant: M/s Amaltas Enviro Industrial Consultants LLP, New Delhi.**

This is case of Prior Environment Clearance for Proposed Common Bio-Medical Waste Treatment Facility Total Area – 4100 Sq.mt. (1.07 Acre) • 1 No. Incinerator of capacity 100 kg/hr (Dry) • 1 No. Autoclaving of capacity 250 kg/hr • 1 No. Shredding of capacity 100 kg/hr each • ETP Capacity –5 KLD ha., at Plot No. - 84, P & H in Lahgadua Industrial Area, District- Chhindwara (MP) . Cat. – 7(da) Common Bio-Medical Waste Treatment Facility.

Earlier this case was scheduled for presentation and discussion in 554<sup>th</sup> SEAC dated 23/02/2022 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The case was presented by the PP Mr. Sumit Babbar and Consultant Mr. Harendra Kumar (online) and G. K. Mishra. During presentation it was observed by the

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committee that there are following discrepancies and data mismatch in the EIA report uploaded by PP and From-II:

1. As per uploaded Google image the project location is falling on private agricultural land and also in the layout map attached with the EIA report (p/50), the land is shown as private land while during presentation and as per attached documents, the project is located in industrial area. The TOR was also obtained by PP on same uploaded Google image which is falling in agricultural land. Thus please superimpose the uploaded Google image on Khasra map & allocated industrial layout and submit the details with proper justification i.e. document showing Khasra no. of proposed location and document showing that Khasra no. as sanctioned for that particular industrial area.
2. As per the details provided, the data collection was done from 01/12/21 to 28/02/22 while the uploaded geo-referenced (geo-tagged) photos are of only one day i.e. 26/03/22 which raises considerable doubt about the authenticity of data and thus needs to be recollected.
3. The uploaded NABL certificate of laboratory M/s Asia Enviro Lab is also expired on 23/10/21 while the duration of monitoring is 01/12/21 to 28/02/22 and needs clarification.
4. The consultant NABL certificate expired on 05/04/22; please provide a copy of valid NABL certificate.
5. See table 2.5 of EIA report (p/48 & 49) the promoter name is mentioned as Mrs. Saroj Sharma of M/s. VNS Solution, please clarify.
6. Attached layout of the project in EIA report (p/50) is not legible, please provide legible copy.
7. Locations of Ambient Air Sampling and Ground Water Monitoring are not matching with the locations showing analytical results, the details are:
  - a. See EIA report Table 3-14 & 3-15, Ambient Air Sampling Locations shown on page number 93 are different then as shown on page number 96:

Ambient Air Sampling Locations as per table 3-14 (EIA page 93)			Ambient Air Sampling Locations as per table 3-15 (EIA page 96)		
S. No.	Location Name	Location Code	S. No.	Location Name	Location Code
1.	Khairi Bhopal	AAQ-1	1.	Tilori	AAQ-1
2.	Sarna	AAQ-2	2.	Mawai	AAQ-2
3.	Kusmeli	AAQ-3	3.	Dang Guthina	AAQ-3
4.	Kukra	AAQ-4	4.	Lakshmangarh	AAQ-4
5.	Kudwar	AAQ-5	5.	Bahadurpur	AAQ-5
6.	Dungariya	AAQ-6	6.	Khuman Ka Pura	AAQ-6

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- b. Similarly, See EIA report Table 3-23 & 3-24, Locations of GW Monitoring Stations shown on page number 104 are different then as shown on page number 106:

Locations of GW Monitoring Stations as per table 3-14 (EIA page 104)			Locations of GW Monitoring Stations as per table 3-15 (EIA page 106)		
S. No.	Location Name	Location Code	S. No.	Location Name	Location Code
1.	Khairi Bhopal	GW-1	1.	Tilori	AAQ-1
2.	Choukhra	GW-2	2.	Sohli	AAQ-2
3.	Sarna	GW-3	3.	Baretha	AAQ-3
4.	Dungariya	GW-4	4.	Rithora Kalan	AAQ-4

8. All the Specific TOR points need to be addressed properly and supported by either documentary evidences or authenticated data. For example, only generic details are provided for carbon foot print analysis whereas same needs to be analyzed based on the proposed project.
9. The Form-2 submitted by PP needs revision as at some point's information is not provided and at some points it is not matching with the information given in the EIA report, such as:
- In from-2, the details at sl.no. 13 are missing.
  - In from-2, at sl.no. 14.6- The range of ground water table is mentioned from 0.70 meters to 15.00 meters which seems to be unrealistic. Please provide the source of information and if it from 0.70 meters to 15.00 meters, please provide source of information and justify with CGWB data.
  - In from-2, at sl.no. 16 details of only domestic wastes are provided. Please also provide the details of industrial waste and if only domestic waste is generated, why ETP is proposed.
  - In from-2, at sl.no. 17 details of ash are missing.
  - In from-2, at sl.no. 18.1 GLC impact distance not mentioned.
  - In from-2, at sl.no. 18.2 Please clarify, does the stack height of incinerator & DG set is 30 meters.
  - In from-2, at sl.no. 21- Land use of entire study area are missing.
  - In from-2, at sl.no. 22 please provide the land details for various activities.

The committee after deliberations observed that it's not only an issue of cut & paste but also misrepresentation of data and thus committee recommends the PP shall recollect the monitoring data and revise the EIA report based on above discrepancies and submit the same for further consideration & appraisal of the project through SEIAA with logical reasons for above discrepancies and EIA consultant firm M/s Amaltas Enviro Industrial Consultants LLP, New Delhi shall also submit their clarification on above issues.



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**3. Case No 7322/2020 Smt. Manju Singh W/o Shri Narendra Bahadur Singh, R/o Bamhangawan, Tehsil - Raghurajnagar, Dist. Satna Prior Environment Clearance for Laterite Quarry in an area of 5.70 ha. (18530 cum per annum) (Khasra No. 2P), Village - Bihra, Tehsil - Kotar, Dist. Satna (MP) EIA Con.**

This is case of Laterite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2P), Village - Bihra, Tehsil - Kotar, Dist. Satna (MP) 5.70 Ha. The project requires prior EC before commencement of any activity at site.

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की बैठक क्रमांक 448वीं दिनांक 23/07/2020 में टॉर (TOR) की अनुशंसा की गई थी ।

प्रकरण समिति की 563वीं बैठक दिनांक 04/04/22 प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार ऑन लाईन/ऑफ लाईन प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं । अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

आज दिनांक 15/04/22 को परियोजना प्रस्तावक ऑन-लाईन और उनकी ओर से पर्यावरण सलाहकार श्री आनंद गुप्ता उपस्थित हुए । प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि लेटराइट खदान होने के कारण उत्खनन के दौरान ब्लास्टिंग प्रस्तावित नहीं है । परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांस के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के दक्षिण-पश्चिम दिशा से 120 मीटर की दूरी पर पक्का रोड़ तथा दक्षिण-पश्चिम एवं दक्षिण दिशा की तरफ लगभग 110 मीटर की दूरी पर मानव बसाहट है । प्रस्तुतीकरण के दौरान समिति ने यह पाया कि खदान के मध्य भाग से कच्चा रोड़ निकल रहा है अतः कच्चे रोड़ के दोनों ओर 20-20 मीटर का सेट-बैक छोड़ा जाना चाहिए तथा परियोजना प्रस्तावक को पुनरीक्षित सरफेस मैप प्रस्तुत करने के निर्देश दिए गए । प्रस्तुतीकरण के दौरान समिति ने यह भी पाया कि खदान के पश्चिमी भाग में कुछ पेड़ (35) लगे हैं । परियोजना प्रस्तावक ने बताया कि इनको काटा जाना प्रस्तावित नहीं है, यह क्षेत्र नॉन माईनिंग जोन में छोड़ा जायेगा । परियोजना प्रस्तावक द्वारा बताया गया कि इस खदान की जनसुनवाई के दौरान सामाजिक कल्याण के कार्य (जैसे: मंदिर हेतु सीढ़ी का निर्माण, तहसील भवन/विद्यालय की मरम्मत, गौशाला का विकास कार्य, पेयजल की व्यवस्था एवं सोलर लाईट) किये जाने हेतु प्रस्ताव प्राप्त हुए थे, जिनको उनके द्वारा सी.ई.आर. में शामिल किया गया है । प्रस्तुतीकरण के पश्चात् परियोजना प्रस्तावक को निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

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- ✓ खदान के पश्चिमी भाग में कुछ पेड़ (35) लगे हैं, अतः ट्री इवेंट्री (मोटाई, गोलाई, ऊँचाई एवं प्रजाति) ।
- ✓ पुनरीक्षित सरफेस प्लॉन, जिसमें नॉन माईनिंग जोन दिखाते हुए ।

**4. Case No 9094/2022 M/s Gulmohar Stone Crusher, Owner Shri Anurag Chaturmohta, Chhindwara (MP) Prior Environment Clearance for Stone Quarry in an area of 2.40 ha. (50000 cum per annum) (Khasra No. 224/2), Village - Gorakhpurkhurd, Tehsil - Seoni, Dist. Seoni (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 224/2), Village - Gorakhpurkhurd, Tehsil - Seoni, Dist. Seoni (MP) 2.40 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 15/04/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए । परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. प्रस्तुत किये गये । प्रकरण के परीक्षण के दौरान पाया गया कि कार्यालय कलेक्टर, (खनिज शाखा) एकल प्रमाण पत्र क्रमांक 1246 दिनांक 16/03/22 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 01 खदान स्वीकृत/संचालित है, जिसका कुल रकबा 4.90 हैं. होता है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है । इसी एकल प्रमाण पत्र क्रमांक 1246 दिनांक 16/03/22 के अनुसार प्रस्तावित खदान से 60 मीटर की दूरी पर एक बरसाती नाला है । परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के पूर्व दिशा में 60 मीटर तथा दक्षिण दिशा में 350 मीटर पर बरसाती नाला है । खदान के दक्षिण दिशा में 10 मीटर पर तथा पूर्व दिशा में 25 मीटर पर कच्चा रोड़ है। आवंटित क्षेत्र के पश्चिम दिशा में 90 मीटर पर एच.टी. लाईन गुजर रही है तथा पूर्व दिशा में हॉटमिक्स प्लांट लगा हुआ दिखाई दे रहा है जिसके संदर्भ में परियोजना प्रस्तावक ने बताया इस हॉटमिक्स प्लांट अन्य जगह स्थानांतरित किया जा चुका है । अतः प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक से निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण योजना ।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित सी.ई.आर. योजना ।

परियोजना प्रस्तावक द्वारा प्रस्तुतीकरण के दौरान चाही गई जानकारी दिनांक 15/04/22 द्वारा दी गई, जिसे समिति के समक्ष प्रस्तुत किया गया जो संतोषजनक पाई गई । परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से

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समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 50,000 मी<sup>3</sup> प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 21.13 लाख एवं रिक्रिंग राशि रु. 2.13 प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 1.05 लाख :-

आगामी 5 वर्ष तक	सी.ई.आर. मद से प्रस्तावित गतिविधि	राशि (रु. में)
1	स्कूल एवं आंगनवाड़ी में 100 वृक्ष ट्री गार्ड एवं नाम प्लेट के साथ प्रजाति – नीम,मौलश्री,कचनार,कदम, पुत्रन्जीवा I	50,000
2	गोरखपुरखुर्द गाँव के आंगनवाड़ी केंद्र में 1 वर्ष तक पोषण आहार	50,000
3	गोरखपुरखुर्द गाँव के आंगनवाड़ी केंद्र में नाम लिखवाना	5,000
योग		1,05,000.00

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 3600 वृक्षों का वृक्षारोपण :

प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियाँ	मात्रा संख्या
बैरियर जोन	नीम,बरगद, करंज,सागौन,सिरस,खमेर सीताफल एवं अन्य प्रजातियाँ।	2200
परिवहन मार्ग 1300 मी. (पेड़ों की न्यूनतम ऊँचाई 01 मीटर)	नीम,करंज,गुलमोहर,कटहल,जंगल जलेबी।	1300
विद्यालय में	मौलश्री,पुत्रन्जीवा,कचनार,कदम,नीम	100
योग		3600

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**5. Case No 9095/2022 M/s Shahid Stone Crusher, Prop. Shri Shahid Ali, Ward No. 03, Kotma, Tehsil - Kotma, Dist. Anuppur, MP - 484336, Prior Environment Clearance for Stone Quarry in an area of 1.004 ha. (6002 cum per annum) (Khasra No. 52/568, 52/569), Village - Baskhala, Tehsil - Kotma, Dist. Anuppur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 52/568, 52/569), Village - Baskhala, Tehsil - Kotma, Dist. Anuppur (MP) 1.004 Ha. The project requires prior EC before commencement of any activity at site.

प्रकरण समिति 564वीं बैठक की दिनांक 15/04/22 में प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार ऑन लाईन/ऑफ लाईन प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं। अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

**6. Case No 9096/2022 Shri Ankush Shivhare S/o Shri Omprakash Shivhare, House No. 2, Tansen Nagar, Dist. Gwalior, MP - 474003 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8085 cum per annum) (Khasra No. 38/4, 38/8), Village - Dhuwai, Tehsil - Badarwas, Dist. Shivpuri (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 38/4, 38/8), Village - Dhuwai, Tehsil - Badarwas, Dist. Shivpuri (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 15/04/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. प्रस्तुत किये गये। प्रकरण के परीक्षण के दौरान पाया गया कि कार्यालय कलेक्टर, (खजिन शाखा) एकल प्रमाण पत्र क्रमांक 109 दिनांक 18/01/22 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 01 खदान स्वीकृत/संचालित है, जिसका कुल रकबा 5.0 हेक्टेयर होता है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है। परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लान के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के उत्तर दिशा में 360 मीटर एवं दक्षिण-पूर्वी दिशा में 50 मीटर पर प्राकृतिक नाला हैं तथा पश्चिम दिशा में 425 मीटर पर स्टॉप डेम है। कार्यालय कलेक्टर, (खजिन शाखा) एकल

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प्रमाण पत्र क्रमांक 109 दिनांक 18/01/22 अनुसार खदान क्षेत्र से 15 मीटर की दूरी पर एक बरसाती नाला होने का उल्लेख किया गया है जो गूगल इमेज के अनुसार लगभग 50 मीटर पर है। प्रस्तुतीकरण के दौरान एकल प्रमाण पत्र क्रमांक 109 दिनांक 18/01/22 के अनुसार खदान क्षेत्र से 15 मीटर की दूरी पर एक बरसाती नाला होने का उल्लेख किया गया है जो गूगल इमेज के अनुसार लगभग 50 मीटर पर है, इस संबंध में परियोजना प्रस्तावक वस्तुस्थिति स्पष्ट करें। प्रस्तुतीकरण के दौरान समिति ने यह भी पाया कि खदान क्षेत्र के पूर्वी भाग में कई खदान दिख रही है किंतु एकल प्रमाण पत्र में खदान के 500 मीटर की परिधि में 01 खदान स्वीकृत/संचालित होने की जानकारी दी गई है। इस संदर्भ में परियोजना प्रस्तावक ने बताया कि इन खदानों की अवधि समाप्त हो गई है तथा वर्तमान में वे संचालित नहीं हैं। समिति ने खनिज अधिकारी से उपरोक्त संदर्भ में स्पष्टीकरण प्राप्त करने के निर्देश दिए।

प्रस्तुतीकरण के दौरान समिति ने पाया कि कार्यालय कलेक्टर, (खजिन शाखा) एकल प्रमाण पत्र क्रमांक 109 दिनांक 18/01/22 में यह उल्लेखित किया गया है कि आवेदक द्वारा अंतरण पूर्व धारा-165 (MPLRC) के अंतर्गत कोई अनुमति प्राप्त नहीं की गई है, इस कारण उत्खनिपट्टा दिये जाने पर सहरिया आदिवासी भूमिहीन हो जायेंगे।

समिति ने चर्चाउपरांत यह निर्णय लिया कि चूंकि संबंधित खनिज अधिकारी द्वारा जारी एकल प्रमाण पत्र में यह उल्लेखित किया गया है कि आवेदक द्वारा अंतरण पूर्व धारा-165 (MPLRC) के अंतर्गत कोई अनुमति प्राप्त नहीं की गई है, इस कारण उत्खनिपट्टा दिये जाने पर सहरिया आदिवासी भूमिहीन हो जायेंगे अतः यह प्रकरण सिया को प्रेषित किया जाये कि क्या इस स्थिति में इस प्रकरण पर पर्यावरणीय अभिस्वीकृति हेतु विचार किया जाना है अथवा नहीं। प्रकरण में यह भी स्पष्ट नहीं किया गया कि उक्त भूमि पर खनन से सहरिया आदिवासियों के श्रम के अतिरिक्त आर्थिक हित के क्या प्रावधाना है।

**7. Case No 9097/2022 Shri Hitesh Surana Owner, R/o 20, Jain Colony, Dist. Ratlam, MP - 457001 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (17670 cum per annum) (Khasra No. 10/1/1/ka), Village - Dhabaipada, Tehsil - Ratlam, Dist. Ratlam (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 10/1/1/ka), Village - Dhabaipada, Tehsil - Ratlam, Dist. Ratlam (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 15/04/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. प्रस्तुत किये गये। प्रकरण के परीक्षण के दौरान पाया गया कि कार्यालय कलेक्टर,

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(खजिन शाखा) एकल प्रमाण पत्र क्रमांक 5340 दिनांक 21/12/21 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में अन्य कोई खदान स्वीकृत/संचालित नहीं है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है। परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के उत्तर दिशा में 200 मीटर पर पक्का रोड हैं तथा दक्षिण दिशा में 165 मीटर पर नदी है। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक से निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित फार्म-2 में वृक्षारोपण के संख्या के संबंध में आवश्यक सुधार।

परियोजना प्रस्तावक द्वारा प्रस्तुतीकरण के दौरान चाही गई जानकारी दिनांक 15/04/22 द्वारा दी गई, जिसे समिति के समक्ष प्रस्तुत किया गया जो संतोषजनक पाई गई। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 17,670 मी<sup>3</sup> प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 13.01 लाख एवं रिक्रिंग राशि रु. 7.96 प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.70 लाख :-

सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
ग्राम धर्बाईपाडा के ऑगनवाड़ी केन्द्र में 1वर्ष तक पोषण आहार का वितरण किया जाएगा।	70,000/-
योग	70,000/-

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 4800 वृक्षों का वृक्षारोपण :

प्रस्तावित स्थान	लगाए जाने वाले पौधों के प्रकार	मात्रा
बैरियर जोन	कस्टार, जंगल जलेबी, चिरौल, आवंला एवं अन्य स्थानीय प्रजातियाँ।	1600
ग्राम धर्बाईपाडा परिवहन मार्ग (पेड़ों की न्यूनतम ऊँचाई 01 मीटर)	शीशम, अमलतास, जामुन, करंज, एवं अन्य स्थानीय प्रजातियाँ,	2400

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ग्रामपंचायत धबाईपाड़ा के ग्रामवासियों को वितरण हेतु	इमली, आवंला, आम, अमरुद, जामुन, एवं अन्य स्थानीय फलदार प्रजातियाँ।	800
<b>कुल योग</b>		4800

**8. Case No 9098/2022 Shri Purshottam Yadav, Owner Village - Karanwas, Tehsil - Khujner, Dist. Rajgarh, MP - 465683 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (3601 cum per annum) (Khasra No. 111), Village - Karanwas, Tehsil - Khujner, Dist. Rajgarh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 111), Village - Karanwas, Tehsil - Khujner, Dist. Rajgarh (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 15/04/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. प्रस्तुत किये गये। प्रकरण के परीक्षण के दौरान पाया गया कि कार्यालय कलेक्टर, (खनिज शाखा) एकल प्रमाण पत्र क्रमांक 123 दिनांक 31/01/22 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में अन्य कोई खदान स्वीकृत/संचालित नहीं है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है। परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लान के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के दक्षिण दिशा में 65 मीटर पर कच्चा रोड हैं। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक से निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण योजना।

परियोजना प्रस्तावक द्वारा प्रस्तुतीकरण के दौरान चाही गई जानकारी दिनांक 15/04/22 द्वारा दी गई, जिसे समिति के समक्ष प्रस्तुत किया गया जो संतोषजनक पाई गई। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

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1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 3601 मी<sup>3</sup> प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 5.13 लाख एवं रिक्रिंग राशि रु. 2.07 प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.15 लाख :-

सी. ई.आर मद में प्रस्तावित गतिविधि	
ग्राम करनवास के आंगनवाड़ी केंद्र की मरम्मत एवं पुताई करवाई जावेगी	15,000/-
<b>योग</b>	<b>15,000/-</b>

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1200 वृक्षों का वृक्षारोपण :

प्रस्तावित स्थान	लगाए जाने वाले पौधों के प्रकार	मात्रा
बैरियर जोन	पीपल, करंज, सफेद कस्टार, चिरोल, जंगलजलेबी, शिशु, कटंगबॉस, नीम एवं अन्य स्थानीय प्रजातियाँ ।	600
खदान क्षेत्र के परिवहन मार्ग के दोनों ओर 150 मीटर तक एवं (पेड़ों की न्यूनतम ऊँचाई 01 मीटर) नजदीक स्थित कच्चे रोड पर 450 मीटर तक	स्थानीय पौधों की प्रजातियां जैसे:- करंज, सप्तपर्णी, चिरोल, जंगल जलेबी, पुत्रंजीवा, नीम, सिस्सू, आदि।	400
ग्राम करनवास के माध्यमिक प्राथमिक विद्यालय मैदान में	स्थानीय पौधों की प्रजातियां जैसे:- मोलश्री, चिरोल, नीम, पीपल करंज, पुत्रंजीवा, कदम्ब, सिस्सू आदि।	50
ग्राम करनवास में ग्रामवासियों को फलदार पौधे वितरण हेतु	स्थानीय पौधों की प्रजातियां जैसे:- संतरा, पपीता, आम, इमली, मूंगा, कटहल, आवला आदि।	150
कुल योग		1200



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**9. Case No 9099/2022 Shri Rajesh Bahadur Singh, Leesees 141, Ghuman, Neem Ke Paas, Ghuman Kalan, Dist. Rewa, MP - 486556, Prior Environment Clearance for Stone Gitti Quarry in an area of 1.80 ha. (15876 cum per annum) (Khasra No. 1042/4), Village - Ghuman Kalan, Tehsil - Jawa, Dist. Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1042/4), Village - Ghuman Kalan, Tehsil - Jawa, Dist. Rewa (MP) 1.80 Ha. The project requires prior EC before commencement of any activity at site.

प्रकरण समिति की 564वीं बैठक दिनांक 15/04/22 में प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार ऑन लाईन/ऑफ लाईन प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं। अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

**10. Case No 9100/2022 M/s Bansal Construction Works Pvt. Ltd, Shri Amit Khare, Authorized Person, E-2/88, Arera Colony, Dist. Bhopal, MP - 462016, Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (77286 cum per annum) (Khasra No. 74 Part), Village - Patari, Tehsil - Banda, Dist. Sagar (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 74 Part), Village - Patari, Tehsil - Banda, Dist. Sagar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 15/04/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. प्रस्तुत किये गये। प्रकरण के परीक्षण के दौरान पाया गया कि कार्यालय कलेक्टर, (खनिज शाखा) लीज आर्डर में उल्लेखित एकल प्रमाण पत्र क्रमांक 1745 दिनांक 30/10/17 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 02 खदान स्वीकृत/संचालित हैं, जिसका कुल रकबा 5.0 हैं. होता है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है। किंतु कार्यालय कलेक्टर, (खनिज शाखा) जिला सागर द्वारा जारी एकल प्रमाण पत्र क्रमांक 287 दिनांक 07/02/22 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 02 खदान स्वीकृत/संचालित हैं, जिसका कुल रकबा 4.0 हैं. है। इस 04 हैं. में यदि इस प्रस्तावित खदान का क्षेत्रफल जोड़ा जाये तो कुल क्षेत्रफल 06 हे. हो जाता है। तत्संदर्भ में परियोजना प्रस्तावक ने बताया कि 500 मीटर की

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परिधि के अंदर मात्र 02 खदाने ही कार्यरत है जो खसरा न. 74 पर स्थित है जिसमें यह प्रस्तावित खदान भी शामिल है। उनके द्वारा यह खदान श्रीमती सुनीता राजपूत से खरीदी गई है, जिसका विवरण लीज स्वीकृति आदेश क्रमांक 405 दिनांक 14/2/2022 में उल्लेखित है। परियोजना प्रस्तावक ने बताया कि 500 मीटर की परिधि की जानकारी हेतु जो प्रतिवेदन सहायक मानचित्रकार जिला सागर द्वारा जारी किया गया है उसमें यह स्पष्ट किया गया है कि खसरा न. 74 के आस पास 500 मीटर परिधि के अंदर 02 खदाने स्वीकृत/संचालित है जिनका कुल रकबा 4.0 हे. है, अतः यह प्रकरण बी-2 श्रेणी का है तथा वे सहायक मानचित्रकार द्वारा जारी प्रतिवेदन की फोटो प्रति प्रस्तुत कर रहे हैं। परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के दक्षिण-पश्चिम दिशा में 175 मीटर पर नहर, दक्षिण दिशा में 25 मीटर पर कच्ची रोड़, उत्तर दिशा में 90 मीटर पर प्राकृतिक नाला, दक्षिण-पश्चिम दिशा में 375 मीटर पर मानव बसाहट तथा उत्तर-पूर्व दिशा में 355 मीटर पर पक्की रोड़ हैं। गूगल इमेज के अवलोकन से ऐसा प्रतीत होता है कि खदान क्षेत्र का पूर्वी भाग खुदा हुआ है जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि हमारी खदान के समीप स्थित अन्य खदान द्वारा त्रुटिवश हमारे क्षेत्र में खुदाई वर्ष 2018-19 में की गई है तथा जैसे ही हमें 2022 में लीज प्राप्त हुई हमने यह काम रोकवा दिया है। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक से निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण योजना।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित सी.ई.आर.योजना।

परियोजना प्रस्तावक द्वारा प्रस्तुतीकरण के दौरान चाही गई जानकारी दिनांक 15/04/22 द्वारा दी गई, जिसे समिति के समक्ष प्रस्तुत किया गया जो संतोषजनक पाई गई। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 77,286 मी<sup>3</sup> प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में कैपिटल राशि रु. 7.36 लाख एवं रिकरिंग राशि रु. 3.42 प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 3.25 लाख :-

सी. ई. आर. मद मे प्रस्तावित गतिविधि	राशि रु. में
शासकीय प्राथमिक शाला पठारी में 20 बेंच व 5 कुर्सियों की व्यवस्था	25,000
ग्राम पठारी के आंगनवाड़ी केंद्र में 2 वर्ष तक पोषण आहार का वितरण	3,00,000
योग	3,25,000

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4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत् सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 2400 वृक्षों का वृक्षारोपण :

प्रस्तावित स्थान	लगाए जाने वाले पौधों के प्रकार	मात्रा
बैरियर जोन	नीम, खमेर, सिरस, चिरोल, करंज, बबूल, सीताफल, जंगल जलेबी, सिस्सू एवं अन्य स्थानीय प्रजातियां	800
परिवहन मार्ग (पेड़ों की न्यूनतम ऊँचाई 01 मीटर)	खमेर, चिरोल, करंज, बीजा, जंगल जलेबी, कदम एवं अन्य स्थानीय प्रजातियां	300
ग्रामवासियों में वितरण हेतु (ग्राम पंचायत पठारी)	नीम, आम, कटहल, बेर, आँवला, हर्षा, सीताफल, महुआ, कबीट, नींबू, बहेरा, बेल एवं अन्य स्थानीय प्रजातियां	1000
गैर खनन क्षेत्र	खमेर, चिरोल, करंज, महुआ, सेजा, बीजा, सीताफल एवं अन्य स्थानीय प्रजातियां	200
ग्राम पंचायत पठारी के प्राथमिक शाला, आंगनवाड़ी एवं ग्राम पंचायत परिसर में	कदम, नीम, खमेर, अशोक, सिस्सू, एवं अन्य स्थानीय प्रजातियां	100
<b>कुल योग</b>		<b>2400</b>

**11. Case No 9101/2022 Shri Vaibhav Jain, Owner, Ambedkar Ward No. 12, Silwani, Dist. Raisen, MP - 464886 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8550 cum per annum) (Khasra No. 117/2 Part), Village - Ghoorpur, Tehsil - Silwani, Dist. Raisen (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 117/2 Part), Village - Ghoorpur, Tehsil - Silwani, Dist. Raisen (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 15/04/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में

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संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. प्रस्तुत किये गये । प्रकरण के परीक्षण के दौरान पाया गया कि कार्यालय कलेक्टर, (खजिन शाखा) पत्र क्रमांक 52 दिनांक 22/04/21 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 01 खदान स्वीकृत/संचालित है, जिसका कुल रकबा 3.249 हैं. होता है तथा खनिज अधिकारी के पत्र क्रमांक 605 दिनांक 27/8/21 के अनुसार 01 अन्य खदान है जो बंद है। अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है । परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के पूर्व दिशा में 25 मीटर पर पक्का रोड हैं, अतः 25 मीटर का सेट-बैक छोड़ना होगा जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि उनके द्वारा पूर्व से ही 25 मीटर का सेट-बैक प्रस्तावित किया गया है । खदान के उत्तर दिशा में 105 मीटर पर पक्का रोड है । इसी प्रकार आवंटित क्षेत्र के उत्तर दिशा में 500 मीटर पर नदी है एवं लीज क्षेत्र में कुछ पेड़ भी लगे हुए हैं ।

प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने यह प्रकरण पूर्व में क्रमांक 8573/21 से पर्यावरणीय स्वीकृति हेतु सेक की बैठक क्रमांक 547वीं दिनांक 09/2/22 को अनुशंसा कर सिया को प्रेषित किया गया था किंतु सिया की 708वीं बैठक दिनांक 24/2/22 को न्यूनतम उत्खनन क्षेत्र उपलब्ध न होने की स्थिति में पर्यावरणीय स्वीकृति आवेदन को निरस्त किया गया । परियोजना प्रस्तावक ने बताया कि प्रकरण उनके द्वारा संशोधित कर प्रस्तुत किया गया है जिसमें अब उत्खनन कार्य रॉक ब्रेकर के द्वारा करने बावत् संशोधित माइन सक्षम प्राधिकारी अनुमोदन प्राप्त कर प्रकरण को पुनः पर्यावरणीय स्वीकृति आवेदन किया गया, जिसे सिया द्वारा मान्य करते हुए प्रकरण क्रमांक 9101/22 को सेक को परीक्षण हेतु प्रेषित किया गया ।

परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 8550 मी<sup>3</sup> प्रति वर्ष ।
2. उत्खनन कार्य मात्र रॉक ब्रेकर के द्वारा किया जावेगा ।
3. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 6.74 लाख एवं रिकरिंग राशि रु. 1.14 प्रति वर्ष ।
4. सी.ई.आर मद में निम्नानुसार राशि रु. 0.70 लाख :-

ग्राम	सी. ई. आर. मद में प्रस्तावित गतिविधि	राशि रु. में
घूरपुर	ग्राम घूरपुर स्थित प्राथमिक शाला में निम्नानुसार कार्य किये जावेंगे : 1.) 25 टेबल और कुर्सी सेट का वितरण (2000 रुपये प्रति सेट)	50,000

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	2.) शाला में रेलिंग्स लगवाए जाएंगी	20,000
	<b>योग</b>	<b>70,000/-</b>

5. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत् सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1230 वृक्षों का वृक्षारोपण :

प्रस्तावित स्थान	लगाए जाने वाले पौधों के प्रकार	मात्रा
बैरियर जोन	नीम , जंगल जलेबी ,रीठा, सीताफल , चिरोल , खमेर एवं अन्य स्थानीय प्रजातियां	350
घूरपुर ग्रामवासियों में वितरण हेतु	इमली , आवलों सीताफल ,अमरुद, मुनगा, पपीता ,निम्बू, आम एवं अन्य स्थानीय प्रजातियां	500
गैर खनन क्षेत्र में वृक्षारोपण	नीम , सीताफल , मोलश्री, सिस्सू , आवलों, करंज, चिरोल एवं अन्य स्थानीय प्रजातियां	130
परिवहन मार्ग के दोनों तरफ (पेड़ों की न्यूनतम ऊंचाई 1 मीटर )	जंगल जलेबी ,करंज,कदम, पुत्रंजीवा ,चिरोल एवं अन्य स्थानीय प्रजातियां	250
योग		1230

**12.Case No 8396/2021 Shri Lokesh Singh S/o Shri Babusingh Rajput, Village - Aslawada, Tehsil - Barnagar, Dist. Ujjain, MP - 459337 Prior Environment Clearance for Murrum Quarry in an area of 4.0 ha. (Expansion from 5000 to 15000 cum per annum) (Khasra No. 259), Village - Kalmoda, Tehsil - Barnagar, Dist. Ujjain (MP).**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 259), Village - Kalmoda, Tehsil - Barnagar, Dist. Ujjain (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 1326 dated: 18/09/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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The case was presented by the PP and their consultant in the 494th SEAC meeting dated 31-03-21, wherein PP submitted that it is a case of expansion from 5,000 to 15,000 cum per annum and they have obtained compliance report of earlier EC conditions issued vide letter number 213 dated 15/03/21. During appraisal it was observed by the committee that three NCs are reported in compliance report by competent authority are as:

- Plantation 45/ha., was proposed whereas only 20 trees are at site.
- Under CER no record was found for social upliftment.
- No water supply permission was taken by PP.

After presentation PP was asked to submit detailed reply with firm commitment and time schedule for further consideration of this case.

During appraisal in 494 SEAC Meeting dated 31/03/21, it was observed by the committee that three NCs are reported in compliance report by competent authority.

After presentation PP was asked to submit detailed reply with firm commitment and time schedule for further consideration of this case PP's reply not received till date.

Since the tenure of SEAC will be over on 09th April, 2021 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

प्रकरण राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की 701वी बैठक दिनांक 12/1/2022 को चर्चा किया गया एवं यह अभिलिखित किया गया :-

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की 500वी बैठक दिनांक 08/4/2021 में उक्त प्रकरण को डिलिस्ट किये जाने की अनुशंसा की गई है । राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण द्वारा एसईएसी की अनुशंसा को मान्य करते हुए 676वी बैठक दिनांक 9/4/21 में उक्त प्रकरण *Delist* करने का निर्माण लिया गया ।

परियोजना प्रस्तावक के पत्र दिनांक 13/12/21 के अनुसार परियोजना प्रस्तावक द्वारा एसईएसी में प्रस्तुतीकरण हेतु सहमति देते हुए उक्त प्रकरण को *Relist* करने को अनुरोध किया गया है ।

प्राधिकरण द्वारा परियोजना प्रस्तावक के अनुरोध को मान्य करते हुए उक्त प्रकरण को *Relist* किया जाये एवं प्रकरण परीक्षण हेतु एसईएसी को प्रेषित किया जाये तथा परियोजना प्रस्तावक व संबंधितों को सूचित किया जाय।

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PP vide their letter dated 17/12/2021 uploaded online query reply on “Parivesh Portal”. and hard copy on dated 16.02.2022 wherein PP submitted that :

- PP has already ordered 200 plants from Malwa Nursery and expended Rs 2000/- and remaining amount will be paid after delivery of plant. Plantation Booking receipt has also attached.
- Mining operation has closed, when it will operational, We hereby committed that PP will expend Rs 60,000/- for Installation of 2000L overhead tank with proper water connectivity of Govt. Primary School, village Kalmoda and the same will be submitted with half yearly compliance report
- Water supply Permission letter issued by gram Panchayat is attached.

Based on above the case was again scheduled in SEAC 552 date 18/02/2022 wherein following recommendations were made:

The submitted quarries were placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production shall be as per mine plan with quantity not exceeding for Murum 15,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.12.88 Lakh as capital and Rs. 07.66 Lakh/year.
3. As proposed, a minimum of 6000 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:
  - Installation of 2000 liter capacity of overhead tank with proper connectivity at Govt. Primary school, Village, Kalmoda.

प्रकरण में सिया की 710वीं बैठक दिनांक 08/03/2022 में लिये गये निर्णय के उपरांत सिया का 715वीं बैठक दिनांक 26/3/22 में निर्णय लिया गया ।

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (सिया) द्वारा विस्तृत चर्चा व परामर्श उपरांत सर्वसम्मति से प्रकरण को डिलिस्ट किये जाने का निर्णय लिया गया एवं परियोजना प्रस्तावक को पूर्व में जारी पर्यावरणीय स्वीकृति की शर्तों में निहित वृक्षारोपण के लक्ष्य को पूर्ण कर मय

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छायाचित्र मय अक्षांश देशांतर उल्लेखित कर रिलिस्ट हेतु परिवेश पोर्टल पर आवेदन करने के उपरांत प्रकरण पर विचार किया जाये ।

परियोजना प्रस्तावक द्वारा ई-मेल दिनांक 23/3/22 के माध्यम से प्रकरण को रिलिस्ट किये जाने का अनुरोध किया गया है ।

प्राधिकरण द्वारा विस्तृत चर्चा एवं विचार विमर्श कर सर्वसम्मति से निर्णय लिया गया कि प्रकरण को रिलिस्ट किया जाये एवं परीक्षण हेतु सेक को प्रेषित किया जाये ।

प्रकरण का ऑन लाईन प्रस्तुतीकरण परियोजना प्रस्तावक एवं उनके पर्यावरण सलाहकार द्वारा किया गया जिसमें उन्होंने बताया कि सेक की बैठक क्रमांक 552 दिनांक 18/2/2022 में उनके द्वारा किये गये प्रस्तुतीकरण के दौरान उन्होंने बताया था कि उनके द्वारा 200 पौधों क्य कर लिये गये हैं तथा उनको लगाया जा रहा है । तत्पश्चात् उनके द्वारा सभी 200 पौधों का रोपण खनन् क्षेत्र में किया जा चुका है तथा वे फोटोग्राफ प्रस्तुत किये हैं । समिति ने चर्चा उपरांत निर्णय लिया कि चूँकि परियोजना प्रस्तावक ने निर्धारित वृक्षारोपण पूर्ण कर लिया है अतः सेक की बैठक क्रमांक 552 दिनांक 18/2/2022 में की अनुशंसा को ध्यान में रखते हुए प्रकरण में पर्यावरणीय स्वीकृति हेतु विचार किया जा सकता है ।

(ए.ए. मिश्रा)  
सदस्य सचिव

(डॉ. पी.सी. दुबे)  
अध्यक्ष



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**Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:**

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murram and Soil quarries:**

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.

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21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner's Name, Contact details etc.
  - b. Mining Lease area of the project (in ha.)
  - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.

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36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

37. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

**नोट 1 :-** स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

**नोट 2 :-** विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।

**नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।

**नोट 4 :-** पौधों की ऊँचाई/गोलाई -

**नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।

**नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

**नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख -**

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

### Annexure- 'B'

#### Standard conditions applicable for the Sand Mine Quarries\*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream

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side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.

8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4<sup>th</sup> or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner's Name, Contact details etc.

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- b. Mining Lease area of the project (in ha.)
- c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
  - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
  - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
  - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
  - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
  - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
  - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
  - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
  - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
  - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.
38. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।
 

**नोट 1 :-** स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

**नोट 2 :-** विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।

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**नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए ।

**नोट 4 :-** पौधों की ऊँचाई/गोलाई –

**नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए ।

**नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम्	गोलाई न्यूनतम्
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड़ साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक ।		
4.	आवश्यकतानुसार सिंचाई ।		

**नोट 7 :-** बीज बुआई एवं अंकुरण पश्चात् देख-रेख –

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण ।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना ।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

### Annexure- ‘C’

#### Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries\*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

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14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner's Name, Contact details etc.
  - b. Mining Lease area of the project (in ha.)
  - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and

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fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.

31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.
36. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

**नोट 1 :-** स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

**नोट 2 :-** विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।

**नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।

**नोट 4 :-** पौधों की ऊँचाई/गोलाई -

**नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।

**नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड़ साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

**नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख -**

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियों आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

### **Annexure- 'D'**

#### **General conditions applicable for the granting of TOR**

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.



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2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.

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27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2<sup>nd</sup> August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
  - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
  - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
  - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
  - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
  - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
  - ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
  - ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.

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- ✓ Adequate provisions of water for irrigating plantation shall be made by PP.  
35. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

- नोट 1 :-** स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।
- नोट 2 :-** विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।
- नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।
- नोट 4 :-** पौधों की ऊँचाई/गोलाई -
- नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।
- नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

**नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख -**

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

**FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA, following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.**

36. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
37. Detailed analysis of availability and quality of the drinking water resources available in the block.
38. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
39. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.