



सत्यमेव जयते

File No.: OL/EC/MIN/JASHPUR/3040
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), CHHATTISGARH)



Dated 30/07/2024



To,

SAVITRI SINGAR
SAVITRI SINGAR
VILLAGE TANGARGAON TEHSIL KANSABEL DISTRICT JASHPUR, Tangargaon, JASHPUR,
CHHATTISGARH, 496220
tangargaonsarpanch@gmail.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed Mining Project under the provisions of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/CG/MIN/458840/2024 dated 16/01/2024 for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

| | |
|--|---|
| (i) EC Identification No. | EC24C0107CG5417401N |
| (ii) File No. | OL/EC/MIN/JASHPUR/3040 |
| (iii) Clearance Type | Mining EC Under 5 Ha |
| (iv) Category | B2 |
| (v) Project/Activity Included Schedule No. | 1(a) Mining of minerals Tangargaon sand Quarry grant of Environmental Clearance for mining sand of capacity (60 percent of the total mine lease area) - 30,000 cubic meters per year |
| (vii) Name of Project | |
| (ix) Location of Project (District, State) | JASHPUR, CHHATTISGARH |
| (x) Issuing Authority | SEIAA |
| (xii) Applicability of General Conditions | Yes |

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by SEIAA in the meeting held on 28/06/2024. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above. Brief description of the project is as under:
5. Details of the minerals to be mined along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form 1 (Part A and B) in the reports and as presented during SEIAA are annexed to this EC as Annexure (1).
6. The SEIAA, in its meeting held on 28/06/2024, based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of Specific and Standard EC conditions as detailed in the point below.
7. The SEIAA has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the SEIAA hereby accords Environment Clearance for the instant proposal to M/s. SAVITRI SINGAR under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (2)
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. Validity of EC is upto 16/01/2024 from which the prior environmental clearance is granted by the regulatory authority.
12. General Instructions:
 1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.
 2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
 3. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
 5. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 6. The Regional Office of this SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite

data / information/monitoring reports.

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

13. This issue with an approval of the Competent Authority.

Copy To

| S.No. | Address |
|-------|--|
| 1. | Director, Ministry of Environment, Forest and Climate Change, Prithvi Wing, 2nd Floor, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 100003 |
| 2. | Additional Principal Chief Conservator of Forests, Regional Office (West Central Zone), Ministry of Environment, Forest and Climate Change, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur (Maharashtra) |
| 3. | Member Secretary, Chhattisgarh Environment Protection Board, Paryavas Bhawan, Sector-19, Nava Raipur Atal Nagar, District-Raipur (Chhattisgarh) |
| 4. | Member Secretary, Central Ground Water Board, West Block-2, Wing-3, Ground Floor, Sector-1, R.K. Puram, New Delhi - 110066 |
| 5. | Forwarded to the Collector, Office of the Collector, JASHPUR, District-JASHPUR (CG) for information and necessary action. |
| 6. | Forwarded to Regional Officer, Regional Office, Chhattisgarh Environment Protection Board, Raigarh for information and necessary action. |

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Corporate Environment Responsibility

| S. No | EC Conditions | | | | | | | | | | |
|-------------------------------------|--|-------------------------------------|--|--------------------------------------|---|--------------------------------------|-------|----|------|--|----------------|
| 1.1 | <p>CER Details : Corporate Environmental Responsibility & The project proponent has presented the following detailed proposal:-</p> <table border="1"> <thead> <tr> <th>Capital Investment (in Lakh Rupees)</th> <th>Percentage of Capital Investment for CER Activities to be Spent</th> <th>Amount Required (in Lakh Rupees)</th> <th>Amount Proposed & Details for CER Activities (in Lakh Rupees)</th> <th>CER Fund Allocation (in Lakh Rupees)</th> </tr> </thead> <tbody> <tr> <td>15.00</td> <td>2%</td> <td>0.30</td> <td>Following activities at nearby village-Tangargaon Plantation at Village pond Total</td> <td>0.364 0.364</td> </tr> </tbody> </table> | Capital Investment (in Lakh Rupees) | Percentage of Capital Investment for CER Activities to be Spent | Amount Required (in Lakh Rupees) | Amount Proposed & Details for CER Activities (in Lakh Rupees) | CER Fund Allocation (in Lakh Rupees) | 15.00 | 2% | 0.30 | Following activities at nearby village-Tangargaon Plantation at Village pond Total | 0.364 0.364 |
| Capital Investment (in Lakh Rupees) | Percentage of Capital Investment for CER Activities to be Spent | Amount Required (in Lakh Rupees) | Amount Proposed & Details for CER Activities (in Lakh Rupees) | CER Fund Allocation (in Lakh Rupees) | | | | | | | |
| 15.00 | 2% | 0.30 | Following activities at nearby village-Tangargaon Plantation at Village pond Total | 0.364 0.364 | | | | | | | |
| 1.2 | The project proponent shall form a tripartite committee (Mine owner, Representative of District administration/CECB and Member of Gram panchayat) which will monitor the compliance of Green Belt within the premises, river bank plantation and Corporate Environmental Responsibility activities. | | | | | | | | | | |

1. Statutory Compliance

| S. No | EC Conditions |
|-------|--|
| 1.1 | The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project |
| 1.2 | The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee. |
| 1.3 | The project proponent shall obtain the necessary permission from the Central Ground Water Authority |
| 1.4 | Permission of power supply to be taken from the concerned authority for meeting power demand of the project site. |
| 1.5 | The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC. |
| 1.6 | The validity of Environmental Clearance is 05 years. |

2. Air Quality Monitoring And Mitigation Measure

| S. No | EC Conditions |
|-------|---|
| 2.1 | Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Online ambient air quality monitoring station/stations may also be installed in addition to the regular air monitoring stations as per the requirement and/or in consultation with the SPCB |
| 2.2 | Transportation of the sand through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated. |
| 2.3 | Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres. |
| 2.4 | Post environmental closure third party monitoring by reputed instituted in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continuous AQMS, site specific water regime. Also third party shall analyses the implementation of river diversion, meeting to the requirement of project report. |

3. Water Quality Monitoring And Mitigation Measures

| S. No | EC Conditions |
|-------|--|
| 3.1 | Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area. |
| 3.2 | Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office. |
| 3.3 | The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation. |

4. Noise And Vibration Monitoring And Prevention

| S. No | EC Conditions |
|-------|---|
| 4.1 | Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored. |
| 4.2 | The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis. |

5. Mining Plan

| S. No | EC Conditions |
|-------|---|
| 5.1 | Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable. |
| 5.2 | No change in mining method, calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC). |
| 5.3 | Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to sand mining and the relevant circulars issued by Directorate General Mines Safety (DGMS). |
| 5.4 | No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927. |
| 5.5 | Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy. |

6. Corporate Environment Responsibility

| S. No | EC Conditions |
|-------|---|
| 6.1 | The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. |
| 6.2 | A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization. |
| 6.3 | Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report. |
| 6.4 | Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. |
| 6.5 | PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non-compliance or infringement should be reported to the concerned authority. |
| 6.6 | Project proponent shall form a tripartite committee (Mine owner, Representative of District administration/CECB and Member of Gram panchayat) which will monitor the compliance of Green Belt within the premises, Corporate Environmental Responsibility activities and CEMP activities. |

7. Miscellaneous

| S. No | EC Conditions |
|-------|---|
| 7.1 | The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. |
| 7.2 | The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt. |
| 7.3 | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly. |

| S. No | EC Conditions |
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| | basis. |
| 7.4 | The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. |
| 7.5 | The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. |
| 7.6 | The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations. |
| 7.7 | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government. |
| 7.8 | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. |
| 7.9 | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC). |
| 7.10 | Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. |
| 7.11 | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. |
| 7.12 | The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. |
| 7.13 | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports. |
| 7.14 | The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter. |
| 7.15 | The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit. |
| 7.16 | Compensation of the land acquired for the project shall be settled as per the R&R Policy. Adequate facility of drinking water, plantation and other social amenities should be provided to established |

| S. No | EC Conditions |
|-------|--|
| | R&R villages. |
| 7.17 | Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records. |
| 7.18 | The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours |
| 7.19 | <p>Additional Conditions</p> <ol style="list-style-type: none"> 1. No River sand mining be allowed in rainy season. 2. Ultimate working depth shall be up to 1 m from Riverbed level and not less than one meter from the water level of the River channel whichever is reached earlier. 3. To maintain safety and stability of Riverbanks i.e. 7.5 meter or 10% of the width of the River whichever is more will be left intact as "No Mining Zone" (NMZ). 4. There should be regular monitoring of the mining activities in the State to ensure effective compliance of stipulated EC conditions and of the provisions under the Minor Mineral Concessions Rules framed by the State Government. 5. Manual mining method shall be done, and no heavy machinery (like Pokland, Bulldozer, Jcb, Chain mounted machine, Hywa, etc) shall be deployed in the river bed. Light machinery like tractor, trolley will be deployed in the river bed for sand extraction. 6. Mining shall be done in 60 percent of the total lease area. Mining shall not be done during monsoon period. 7. Sand mining operation shall be carried out between sunrise to sunset. 8. The pollution load due to transportation on the environment shall be effectively controlled and water sprinkling shall also be done regularly. 9. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded. 10. Protection of turtle, bird and other animals habitats shall be ensured. 11. Project proponent shall ensure to follow all the guidelines given in Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020. 12. Replenishment study needs to be carried out from the authorized institute to keep a balance between deposition and extraction. 13. R.L. survey (25x25 grid) shall be done in every pre-monsoon and post-monsoon season and shall be certified by the mining department. RL survey report of pre-monsoon and post-monsoon season shall be submitted regularly to SEIAA/SEAC, C.G.. The depth of the sand mining shall be decided on the basis of R.L. survey report in subsequent year. 14. Project proponent shall submit Completion certificate of proposed plantation under CER activities, river bank plantation along with Geotag photographs in six monthly complaine report. |

Additional EC Conditions

N/A

Annexure 2

Details of the Project

| S. No. | Particulars | Details | |
|--------|---|--|---|
| a. | Details of the Project | Tangargaon sand Quarry grant of Environmental Clearance for mining sand of capacity (60 percent of the total mine lease area) - 30,000 cubic meters per year | |
| b. | Latitude and Longitude of the project site | 22.59595173058328,83.72615335722833 22.5973401833505,83.73537533941935 | |
| c. | Land Requirement (in Ha) of the project or activity | Nature of Land involved | |
| | | Area in Ha | |
| | | Non-Forest Land (A) | 0 |
| | | Forest Land (B) | |
| | Total Land (A+B) | 5.0 | |
| d. | Date of Public Consultation | Public consultation for the project was held on | |
| e. | Rehabilitation and Resettlement involvement (R&R) | NO | |
| f. | Project Cost (in lacs) | 12 | |
| g. | EMP Cost (in lacs) | | |
| h. | Employment Details | | |