State Level Environment Impact Assessment Authority, Rajasthan  
Main Building, Room No. 5221, Secretariat, Jaipur.  
E-mail: seiaaseiaa2018@gmail.com Phone no. 0141-2227838  
No F1 (4)/SEIAA/SEAC-Raj/Sect/Project/Cat. 1(a) B2(1813)/2019-20  
Jaipur, Dated: 06 JUL 2020

M/s Jai Mahalaxmi Mines & Construction Company,  
Add: Shop No. 27 Part -02, Jodala Power House,  
Near Bharat Petroleum, Harmara,  
Sikar Road, Jaipur, District Jaipur (Raj.)

Sub: Environmental Clearance for Quartz & Feldspar mining lease, (M.L. No. 17/04, area 4.50 ha.), Production Capacity: 1,51,480 TPA(ROM), at Khasra No. 127/1, 2148/1 & 2149/1, Near Village - Nawagoan, Tehsil- Malpura, District Tonk (Raj.) (Proposal No. 41577).

This has reference to your application dated 3.10.2019 seeking environmental clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Appraisal Committee Rajasthan, in its meeting held on 8, 9, 10, 11 & 15, 16, 17 June, 2020.

2. Brief details of the Project:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Category / Item no. (in Schedule)</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>I(a)B1/2</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Location of Project</td>
<td>Near village- Nayagaon, Tehsil- Malpura, District- Tonk (Rajasthan).</td>
</tr>
<tr>
<td>3</td>
<td>Project Details</td>
<td>Mineral- Quartz &amp; Feldspar Quartz &amp; Feldspar Mining Project (M.L. No. 17/04, Area: 4.50 ha) Production capacity: 1,51,480 Tones, Quartz &amp; Feldspar at Khasra No. 127/1, 2148/1, 2149/1,</td>
</tr>
<tr>
<td>4</td>
<td>Project Cost</td>
<td>Rs 80 lacs/-</td>
</tr>
<tr>
<td>5</td>
<td>Water Requirement Source</td>
<td>5.0 KLD (Source : Water will be purchased from nearby villages) Dust Suppression: 2.0 KLD, Greenbelt/Plantation: 1.0 KLD, Drinking &amp; Sanitation: 2.0 KLD</td>
</tr>
<tr>
<td>6</td>
<td>Fuel &amp; Energy</td>
<td>Mine will be operated in day time only.</td>
</tr>
<tr>
<td>7</td>
<td>Environment Management Plan</td>
<td>Annual Amount allocated for EMP measures</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EMP measures</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pollution monitoring – Air, Water, Noise and Soil</td>
<td>Rs 15,000</td>
</tr>
<tr>
<td>2. Dust Suppression</td>
<td>Rs 10,000</td>
</tr>
<tr>
<td>3. Wire fencing at plantation sites</td>
<td>Rs 10,000</td>
</tr>
<tr>
<td>4. Greenbelt / Plantation including maintenance Plant saplings purchase, digging of pits, Watering, Weeding and bowing</td>
<td>Rs 25,000</td>
</tr>
<tr>
<td>5. Haul road and other roads repair and maintenance</td>
<td>Rs 15,000</td>
</tr>
<tr>
<td>Total</td>
<td>Rs 75,000-</td>
</tr>
</tbody>
</table>
8. **CSR / ESR Activities**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Details of Activities to be done under C.E.R. &amp; C.S.R.</th>
<th>Expenditure (in Rs Lacs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Educational Infrastructure &amp; facilities development in schools. Fans, furniture, and sports kits to the NayagaonJaton UPS, Govt. UPS, Heerwas, Govt PS/HerTalaiThehat, Govt. primary school NeemaliTalai. Distribution of water purifier, benches to nearby PHC near village Nayagaon. Distribution of blankets to poors in consultation with Sarpanch.</td>
<td>1.60</td>
</tr>
</tbody>
</table>

**Year-wise Total**: 1.60

Amount of Rs 1.60 lacs will be spent annually on CSR activities by the lease holder.

9. **Green Belt / Plantation**

Cost for Greenbelt / Plantation including maintenance (Plant saplings purchase, digging of pits, Watering, etc.) is Rs 25,000/-

10. **Budgetary Breakup for Labour**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Health and safety issues</th>
<th>Facility provided to labours</th>
<th>Recurring cost (In Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Drinking water Sanitation</td>
<td>Safe drinking water, sanitation facility</td>
<td>10,000</td>
</tr>
<tr>
<td>2.</td>
<td>Rest shelters</td>
<td>Rest shelters will be provided.</td>
<td>10,000</td>
</tr>
<tr>
<td>3.</td>
<td>Medical Examination</td>
<td>Periodical medical examination once in three years</td>
<td>5,000</td>
</tr>
<tr>
<td>4.</td>
<td>OHS</td>
<td>Insurance of workers</td>
<td>5,000</td>
</tr>
<tr>
<td>5.</td>
<td>Safeguards</td>
<td>Provision for Personal protective equipment's like ear plug, car mask helmet shoes, etc.</td>
<td>5,000</td>
</tr>
<tr>
<td>6.</td>
<td>First aid facility</td>
<td>Fully-equipped with first aid boxes &amp; Conveyance arrangements to hospitals or dispensaries from mine site.</td>
<td>5,000</td>
</tr>
<tr>
<td>7.</td>
<td>Fire</td>
<td>Fire safety</td>
<td>- 40,000/-</td>
</tr>
</tbody>
</table>

Total amount allocated for labour welfare is Rs 40,000/-

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3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for Environmental Clearance with certain stipulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC, Rajasthan in its 4.37th Meeting held on 29.06.2020 hereby accord Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

**SPECIFIC CONDITIONS**

1. This EC is granted for mining of the mineral with production mentioned in the above table subject to the stipulation that the PP shall abide by the annual/ permitted production schedule
The area in the mining plan and the area mentioned herein will render the 79 tank for(accounts and book keeping).

The said area is required in extraction and extraction from the Farmers' State Planning Board and under the permission of the Water Board and the Department of Rural Development and Rural Water Supply Act, 1974, before excavating the mining area.

The said area will be allotted to the Department of Mines and Minerals Development and Regulation Act, 1952, and the said area herein.

Refer to the 79 the final water requirement for the project shall be limited as mentioned above, necessary, permission for withdrawal of ground water, if required shall be taken from the 79.

The said area which the amount mentioned above towards annual cost for implementing the Water Management Plan.

The amount of IRR 1000000000 shall be spent for roads, economic development and that the area particularly in the field of education, health, sanitation and other local welfare schemes, roads, water supply in the nearby areas of the mining area shall be improved by the construction of government schools etc. and is for the 79 area for 1.05.1999 MoEF & CC.

The amount mentioned will be spent on minor works and the amount mentioned will be recovered from the donors, the amount mentioned shall be spent on minor works and the amount mentioned shall be recovered from the donors.

The mining operations shall not interfere groundwater levels. In cases of mining of other than river sands mining below ground water level prior approval of the Central Ground Water Department shall be obtained.

The said area in the mining area of the 79 Water Harvesting Structure and Artificial Recharge Structure in the area and implement other irrigation measures to augment ground water resources in the area in consultation with the Regional Director, CGWD.

The Government, health and safety of mine workers shall be given the highest priority.

Emergency provision is mentioned above for the schemes approved in the mine, for all necessary infrastructure facilities such as health facility, sanitation facilities, etc. for workers, also for lime mixing work, medical camps and for miners, medical tests and submitted to MoEF & CC.

The mining activities and other activities shall be provided for mining areas.

The said area shall be allotted temporarily to the mining area and it should not be used for mining for a period more than three years. It should be used for land reclamation and vegetation of mined out areas.

The present Government shall ensure that to natural water course where body is constructed after a mining operation.

The area should be measured at the designated site as per approved Mining Plan or reclamation and within a distance of not more than 0.0000 in the case of S & P (Quarry) license holder. The height of the dump shall be as per the approved mining plan and the strength of the dump shall have a retaining wall.

The season length, width and height shall be maintained as per the MoEF & CC or the IRS"S approval.

Retaining walls, setting tanks, and check dams of appropriate size, gradient and height shall be constructed with around the mine in the river boards. The mines and dump areas could be maintained using in the said marl material for above back setting distance is based on 50 years area and maximum characterization in the area assuming the core site. Spill capacity should also
provide adequate pits, which should be constructed at the corners of the garland drains and desilted.

16. Drills shall either be operated with dust extractors or equipped with water injection systems.

17. As envisaged, plantation shall be raised in an area of 33% of total area including green belt in the safety zone around the mining lease by planting the native species around ML area, OB dumps, backfilled and reclaimed around water body, roads etc. or outside lease area in consultation with the Gram Panchayat or Forests Department in the coming rainy season.

18. Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul roads, loading and unloading points and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the standards prescribed by the MoEF & CC.

19. Data on ambient air quality and stack emissions should be submitted to Rajasthan State Pollution Control Board once in six months, carried out by MOEF/ NABL/ CPCB/ RSPCB/ Government approved lab.

20. Blasting operation should be carried out only during the daytime with safe blasting parameters.

21. The project proponent shall take all due care to protect the existing flora and fauna. Utmost precaution shall be taken to conserve wildlife.

22. The PP shall carry out mining activities with open cast method.

23. In the project related to Bajri mining the PP shall follow the Sustainable Sand Mining Guidelines 2016 laid down by the MoEF & CC, GOI. The Bajri sand mining activity is restricted to three meters from ground level or water level whichever is less and the PP shall carry out river sand (Bajri) mining activity manually/ semi mechanized as provided under the Sustainable Sand Mining Management Guidelines, 2016.

24. The PP shall comply with the guidelines issued by the MoEF & CC/ CPCB/ RSPCB, from time to time, with respect to stone crushing units if installed in the lease area.

Specific Conditions applicable, in the cases of violation in terms of the Notification dated 14.3.2017 and 8.3.2018 and OMs dated 30.5.2018, 4.7.2018 of the MoEF&CC:

1. The PP shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of the Hon’ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause v/s Union of India & others before grant of ToR/EC. The undertaking inter-alia include commitment of the PP not to repeat any such violation in future.

2. In case of violation of above undertaking/ affidavit, the ToR/EC shall be liable to be terminated forthwith.

3. The environmental clearance will not be operational, till such time the project proponent complies with all the statutory requirements and judgment of the Hon’ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause v/s Union of India & others.

4. The department of Mines & Geology shall ensure that the mining operations shall not commence till the entire compensation levied, if any, for illegal mining, is paid, by the project proponent through the Department of Mines and Geology, in strict compliance of the judgment of the Hon’ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause v/s Union of India & others.

GENERAL CONDITIONS

1. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent. Any appeal against this
environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

2. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

3. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.

4. The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.

5. The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

6. Officials from the Department of Environment, Government of Rajasthan, Jaipur Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.

7. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

8. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/Department of Ecology and Environment, Government of Rajasthan, Jaipur.

9. The above condition shall be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006, along with their amendments and rules.

10. The PP shall obtain prior clearance form forestry and wild Life angle including clearance from standing committee of National Board of Wild Life (if applicable). It is further categorically stated that grant of EC does not necessary imply that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance form Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.

11. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

12. Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt- conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
13. Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.

14. Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.

15. The ambient noise level should confirm to the standards prescribed under E (P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night time.

16. The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30th day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.

17. Mining Department will ensure that while executing the mining lease, if the mine falls in a cluster, then lease will be executed after EIA/EMP study as well as grant of revised EC for the cluster as applicable.

18. The Mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restored the land to a condition which is fit for growth of fodder, flora, fauna etc.

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 1(a) B2(16813)/2019-20 Jaipur, Dated:

Copy to following for information and necessary action:

1. Secretary, Ministry of Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi: 110003.
2. Principal Secretary, Environment Department, Rajasthan, Jaipur.
4. Dr. Anil Kumar Goel IFS (Retd.), Forest Colony, Sector 4, Jawahar Nagar, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur for information & necessary action and to display this sanction on the website of the Rajasthan Pollution Control Board, Jaipur.
6. Member Secretary, SEAC Rajasthan.
8. Environment Management Plan- Division, Monitoring Cell, Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.
9. Director, Department of Mine & Geology, Court Chorha, Udaipur.
10. Sh. Jagbir Singh Manral, ACP, Department of Environment, Government of Rajasthan, Jaipur with the direction to upload the copy of this Environment Clearance on the website.

M.S. SEIAA (Rajasthan)