

Received on 11.6.2021

**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/Seett/Project /Cat. 1(a) B2 (17196)/2019-20 Jaipur, Dated: **03 MAR 2021**

M/s Shri Sai Minerals

Shri Lokendra Agarwal (Authorized Signatory),

Add-51, Ashaapurna Colony, Tehsil-Jalore,

Dist-Jalore, (Rajasthan).

Sub:EC for Granite mining Project, (ML No.- 207/2003, Area- 3.00 ha.), Production Capacity- 1,10,000 TPA (ROM) {Saleable Mineral – 88,000 TPA & Waste- 22,000 TPA} at Khasra no.- 207, N/v-Devra, Tehsil- Samdari, District- Barmer, (Raj.), (Proposal no-45491)

This has reference to your application dated 13.11.2019 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 22<sup>nd</sup> 23<sup>rd</sup> and 24<sup>th</sup> December, 2020.

**2. Brief details of the Project:**

1.	Category / Item no.(in Schedule):	B-2									
2.	Location of Project	Near Village –Devra, Tehsil- Siwana, District– Barmer (Rajasthan)									
3.	Project Details M.L. No. /Production capacity	Mineral- Granite (M.L No- 207/2003) Area- 3.00 Ha. Khasara No.- 207 Proposed production of Granite – 1,10,000 TPA (ROM) (88,000 TPA Saleable Mineral & 22,000 TPA Waste Mineral)									
4.	Project Cost:	Rs. 50.0 Lac									
5.	Water Requirement & Source	5.0 KLD from nearby village.									
6.	Fuel & Energy:-	400 LPD.									
7.	Environment Management Plan	<table><tr><th>S. NO.</th><th>DESCRIPTION OF ITEM</th><th>COST PER YEAR (IN RS.)</th></tr><tr><td>1</td><td>Air, Water, Soil &amp; Noise Pollution Monitoring</td><td>55,000</td></tr><tr><td>2</td><td>Green Belt Development (Fencing, Tree</td><td>95,000</td></tr></table>	S. NO.	DESCRIPTION OF ITEM	COST PER YEAR (IN RS.)	1	Air, Water, Soil & Noise Pollution Monitoring	55,000	2	Green Belt Development (Fencing, Tree	95,000
S. NO.	DESCRIPTION OF ITEM	COST PER YEAR (IN RS.)									
1	Air, Water, Soil & Noise Pollution Monitoring	55,000									
2	Green Belt Development (Fencing, Tree	95,000									

*by*

			Guard, Manuring, Mulching & Pitting)								
		3	Water Sprinkling on Haul Roads		35,000						
		4	Maintenance of Haul Road		65,000						
		Total			2,50,000						
8.	CSR /ESR Activities	S. No.	LABOUR WELFARE AMENITIES FOR WORKERS		Amount (in Rupees)						
		1.	Rest Shelter		10,000/-						
		2.	Health Facility & Health Insurance		8,000/-						
		3.	Drinking water		8000/-						
		4.	Sanitation Facility		7000/-						
		5.	Fuel for cooking		9,000/-						
		6.	Education for Children		8,000/-						
		Total			50,000/-						
9.	Green Belt/ Plantation	95 Thousand per year. Proposed plantation is 33% of the total lease area out of which 0.5292 Ha. area will be planted at backfilled area and remaining area 0.4608 Ha. will be carried outside the lease area at Govt. Upper Primary School, Devda. NoC obtained from School Management Committee Govt. Upper Primary School, Devda (Samdari), District-Barmer is Enclosed.									
		Year	Outside the lease area		Survival Rate (%)	Survived Plant	Replacement & Maintenance (30%)	Inside Dump (Reclaimed Area)		Total	
			Area (Ha.)	No. of Trees	(70%)			Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees
		Existing	-	-	-	-	-	-	-	-	-
		I	0.1536	154	70 %	108	46	-	-	0.1536	108
		II	0.1536	200	70 %	140	60	-	-	0.1536	140
		III	0.1536	214	70 %	150	64	-	-	0.1536	150
		IV	-	-	-	64 (Replaced)	-	-	-	-	64 (Replaced)
		Total	0.4608	-	-	462		-	-	0.4608	462
		Backfilled area									
		IVth onwards	0.2646	265	70 %	185	80	-	-	0.2646	185
		V	0.2646	345	70 %	241	104	-	-	0.2646	241
			-	-	-	104 (Replaced)	-	-	-	-	104 (Replaced)
		Total	0.5292	-	-	530	-	-	-	0.5292	530
		Grand Total	0.99	-	-	992				0.99	992
10.	Budgetary Breakup for Labour	S. No.	LABOUR WELFARE AMENITIES FOR WORKERS		Amount (in Rupees)						

*ly*

		1.	Rest Shelter	10,000/-
		2.	Health Facility & Health Insurance	8,000/-
		3.	Drinking water	8000/-
		4.	Sanitation Facility	7000/-
		5.	Fuel for cooking	9,000/-
		6.	Education for Children	8,000/-
		Total		50,000/-

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 4.51<sup>st</sup> Meeting held on 5.02.2021 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. In case the project falls within a distance of 10 Km from the boundary of National Park/ Wildlife Sanctuary, wherein final ESZ Notification has not been notified so far, the EC shall come into effect only after the PP obtains clearance from the Standing Committee of National Board for Wildlife (SCNBWL) as per OM dated 08.08.2019 of MoEF & CC.
2. 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 specified in the mining plan and that any deviation therein will render the PP liable for legal action in accordance with Environment and Mining Laws.
3. The PP shall obtain Consent to Establish and Operate from the Rajasthan State Pollution Control Board under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, before carrying out mining activity.
4. The PP shall comply with the provisions of the Mines and Minerals (Development and Regulation) Act, 1957 and the rules made thereunder.
5. As stated by the PP, the total water requirement for the project shall be limited as mentioned above. Necessary permission for withdrawal of ground water, if required, shall be taken from CGWA.
6. The PP shall invest the amount mentioned above towards annual cost for implementing the Environment Management Plan.
7. The amount of CER as mentioned above shall be spent for socio economic up-liftment activities of the area particularly in the field of education, health, sanitation and other need based social activities in the nearby areas of the mining lease, such as improvement of the infrastructure of government schools etc. and as per the OM dated 01.05.2018 MoEF & CC. This amount should be effectively utilized and reflected in the books of accounts. Relevant report of the same should be made a part of social monitoring and six monthly compliance reports should be submitted to RSPCB, SEIAA and Regional Office of the MoEF & CC.

*by*

8. The mining operations shall not intersect groundwater table. In cases of mining of other than river sand mining, below ground water table, prior approval of the Central Ground Water Authority shall be obtained.
9. The PP shall construct Rain Water Harvesting Structure and Artificial Recharge Structure in the lease area as also implement other/suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, CGWB.
10. Occupational health and safety of mine labour shall be given the highest priority.
11. Budgetary provision, as mentioned above for the laborers working in the Mine, for all necessary infrastructure facilities such as health facility, sanitation facility, fuel for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants; should be made and submitted to RPCB, Jaipur at the time of CTE/CTO. The housing facilities and Group Insurance should be provided for mining labours.
12. Topsoil shall be stacked temporarily at the earmarked sites only and it should not be kept unutilized for a period more than three years; it should be used for land reclamation and plantation in mined out areas.
13. The project **Proponent** shall ensure that no natural water course / water body is obstructed due to any mining operations.
14. The waste should be dumped at the designated site as per approved Mining Plan on non-mineralized land within lease area or outside lease area, at the land provided by district authority or occupied by the lessee/STP/Quarry license holder. The height of the dump shall be as per the approved mining plan and toe of the dump should have retaining wall.
15. The bench height, width and slope shall be maintained as per the MMR 1960 or the DGMS approval.
16. Garland drains; settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps and sump capacity should be designed keeping 50 % safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate pits, which should be constructed at the corners of the garland drains and de-silted.
17. Drills shall either be operated with dust extractors or equipped with water injections system.
18. 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.
19. 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.
20. 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.
21. Blasting operation should be carried out only during the daytime with safe blasting parameters.
22. The Project Proponent shall take all due care to protect the existing flora and fauna. Utmost precaution shall be taken to conserve wildlife.
23. The PP shall carry out mining activities with open cast method.



24. 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.
25. 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.

**Additional Specific Conditions Recommended for Environment Clearance for the Cluster:**

1. The PP shall implement Environment Management Plan for the cluster as also Regional Environment Management Plan, including all the clusters in that contiguity.
2. Provide for mobilization of funds from the Project Proponents (of lease/Lol holders of cluster) in predetermined proportions for implementation of cluster Environment Management Plan.
3. Update cluster EIA for EMP plan, as per need, keeping in view any significant change in the cluster.
4. A detailed calendar plan of production along with plan for OB dumping, backfilling, reclamation and final mine closure plan for each mine in the cluster shall be drawn up and implemented in accordance with the approved mining plans.
5. The PP shall ensure that the measures suggested in the Environment Management Plan for mitigation of adverse environmental impact are implemented in a time bound manner by the lease/Lol holders of the cluster, in consonance with the cluster EIA & EMP. Besides, the mitigation measures for entire cluster shall be got implemented as delineated in the cluster EIA & EMP in synchronisation with the individual EC.
6. All the mining lease/Lol holders of the cluster shall implement the measures for mitigation of adverse impact on the environment & its constituents, as per the Environmental clearance and additional measures as specified in the Environment management plan with respect to the individual mines.
7. Submit report of compliance of environment management plans, every six months, to SEIAA, for the purpose of monitoring of compliance.

**Additional Specific Environment Clearance Conditions for the individual lease/Lol holders in the Cluster:**


1. The PP/lessee of the mine in the cluster shall abide by the mitigation and restoration measures provided in the final Environment Impact Assessment and Environment Management plan prepared for the cluster as a whole (Cluster Shishwi Ki Dhani, Village: Shishwi Ki Dhani, Tehsil: Nathdwara, District: Rajsamand (Raj.), consisting 1 leases & 2 Lol's for mineral Quartz and Feldspar in the cluster area 10.0613 ha and production capacity 5,32,386 TPA(ROM).
2. The PP/lessee shall comply with the conditions of environment clearance for the cluster, comprising the said mining lease/Lol (Cluster Shishwi Ki Dhani, Village: Shishwi Ki Dhani, Tehsil: Nathdwara, District: Rajsamand (Raj.) consisting 1 leases & 2 Lol's for mineral Quartz and Feldspar in the cluster area 10.0613 ha and production capacity 5,32,386 TPA (ROM), as applicable mutatis mutandis.

**Additional conditions recommended in view of OM dated 08.08.2019 of the MoEF & CC (applicable where the project falls within a distance of 10 Km from the boundary of National Park/ Wildlife Sanctuary and outside notified ESZ):**

1. The mining activity should be carried out in a manner so that the water regime/system of the sanctuary is not disturbed. The mining activity should not adversely affect any existing water course, water body, catchment etc. The PP shall while carrying out mining activity ensure compliance of the provisions of Air (Prevention and Control of Pollution) Act 1981, Water (Prevention and Control of Pollution) Act 1974 and the Environment (Protection) Act, 1986 so that the wildlife in the area is not adversely affected.



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 30<sup>th</sup> 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.

  
 (P.K. Upadhyay)  
 Member Secretary,  
 SEIAA, Rajasthan.

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 1(a) B2(17196)/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.
3. Sh. R.K. Meena, IAS (Retd.), B-75, Shankar Vihar, 50 Feet Gaitore Road, Sawai Gaitore, 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.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 3<sup>rd</sup> Floor, Sector 'H', Aliganj, Lucknow-226 020.
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)