

Minutes of the 5A.32nd Meetings of the State Level Expert Appraisal Committee -1
(SEAC-1), (Raj.), held on 07th November, 2022

The 5A.32nd Meeting of the members of State Level Expert Appraisal Committee-1 (SEAC-1), Rajasthan constituted by GoI Notification dated 12.10.2021 was held on **07th November, 2022** at **10:30 AM** under the Chairmanship of Sh. S.K. Solanki. The names of the members who attended the meeting are as follows:-

S. No.	Name	Designation	07.11.2022
1	Shri S.K. Solanki	Chairman	Present
2	Shri Shafaat Husain	Member	Present
3	Shri Mani Ram Poonia	Member	Present
4	Dr. Banna Ram Panwar	Member	Present
5	Shri Gaj Singh Goyal	Member	Present
6	Shri Ajit Pratap Singh	Member	Present
7	Shri K.R. Genwa	Member	Present
8	Dr. Vijay Singh Panwar	Member	-
10	Shri Rakesh Gupta	Member Secretary	Present

At the onset of meeting, the Member Secretary welcomed the members.

The SEAC-1 considered the agenda containing project proposals with the permission of Chairman, SEAC-1 as per details given below:-

S. No.	File No	Subject	Name of Proponent & Consultant
1.	19940	Project Name- Environmental Clearance of proposed Sand Stone Project (Q.L. No.- 22/2019, Ref. No.- 20191000013155, Area- 2.0870 ha., Production capacity: 92,566.8 TPA (ROM) {Saleable: 55,540.08 TPA; Waste: 37,026.72 TPA}, at Kharsa no: 294, 295, 296, 297, 298, 299, 300, 306, 389/104, Near Vill.- Ummedpura, Tehsil- Bijoliya, Distt.- Bhilwara (Raj.) (Proposal No.- 222788)	Project Proponent Name- Shri Jai Lal Bhil S/o Shri Bhura Lal & Co-tenants, R/o- Ganeshpura, Tehsil- Teleda, Distt.- Bundi, (Raj.) Email- jayalalbhil22.2019@gmail.com . Consultant Name:- Gaurang Environmental Solutions PVT. Ltd., Add.- 102, SNG, Shri Ratna Apartment, Peetal Factory, Jhotwara Road, Bani Park, Jaipur, Email- gaurangenviro@gmail.com . Grant of EC
2.	20971	Project Name- EC for Naarji ka Guda	Project Proponent Name:- Shri

		Quartz, Feldspar, Pyrophyllite and Soapstone Mine M.L. No. 02/2019, Area- 3.7073Ha., Production Capacity – 478132 TPA(ROM){ Quartz- 144893 TPA, Feldspar-160302 TPA, Pyrophyllite-93815 TPA and Soapstone- 75400 TPA} at Khasra No- 114,113/2 located near village- Naarji ka Guda, Tehsil-Lasadiya, District- Udaipur (Rajasthan).(Proposal no- 266980)	Mahaveer Prasad Jain(Co- applicants: 1 Shri Mahendra Kumar Jain & Shri Yashwant Jain), Address- Near Paani Ki Tanki, Kanpur, Tehsil-Girwa, Udaipur, Rajasthan, Email- mahaveerprasadjainec@gmail.com Name of Consultant:- M/s. Envirogreen Consultants(I) Pvt. Ltd, Address 1-B, Machhla Magra, Near Patel Circle, Udaipur, Email- info@egcipl.com
3.	20931	Project Name:- Environment Clearance for Existing mining project of Quartz, Feldspar & Granite Mining Project, M.L. No. 181/2008, Area– 4.3665 Hectare, Production Capacity : {Quartz & Feldspar – 85715 TPA, Granite-142857 TPA} at Khasra No- 20/3 Near Village – Kameri, Tehsil– Deogarh, District –Rajsamand, Rajasthan (Proposal No- 266778).	Name of Proponent :- M/s. Nakoda Parshv Bhairav Mines & Minerals (Partner) Shri Nikhil Kumar Mehta, Address-46, Kumud Vihar 2 front of Jamuna Vihar Ke Samne, Bhilwara, District- Bhilwara, Rajasthan, Email- nakoda1342006@gmail.com . Name of Consultant:- M/s Ramji Mine Envirotech, Plot No. 21, First Floor, Aarna-2 Tower, Kartarpura Industrial Area, Jaipur, (Raj.).Email: - mkguptarqp@gmail.com, rme. envirotech@gmail.com
4.	20421	Project Name- Environment Clearance for Nayabas Sainthli Masonary Stone Mining Project, Ref. No:- 20211000040114, Area:- 1.1147 ha., Production Capacity – 225000 TPA(ROM) at Khasra No – 1554/971 & 1555/971 N/v:- Nayabas Sainthli, The:- Ramgarh, District- Alwar,, Rajasthan .(Proposal No. 255875)	Project Proponent Name:- Shri Babulal Meena S/o shri Ghisaram Meena, Owner, Add:- R/o- Pavta Ka Bas, Barkhera, District- Alwar, Rajasthan-301406, Email:- babulalnayabas2022@gmail.com Name of Consultant:- :- Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida- 201301 (U.P.) Email:- cognizanceresearchindiapl@gmail.com
5.	20642	Project Name- Environment Clearance for Dudhwa Masonry Stone STP Project, Ref. No-20211000042028, Area-0.4305 Ha., Production Capacity- 86000 Tonnes, Khasra No. 1521, Add.- Village-Dudhwa, Tehsil-Kekri, District- Jhunjhunu, Rajasthan. (Proposal No- 255325)	Project Proponent Name- M/s Devendra & Sons Contruction Pvt. Ltd., Address-R/o- DSS 372, Sector 16-17, Hisar (Haryana), Email- devendrasons2022@gmail.com Consultant Name:- Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida- 201301 (U.P.) Email:- cognizanceresearchindiapl@gmail.co

			m
6.	20643	Project Name- Environment Clearance of Dudhwa Masonry Stone STP Project, Ref.No-20211000042040, Area-0.40hect., Production Capacity 1,10,000 Tonnes, Khasra No. 1521, (Govt. Land), Near Village-Dudhwa, Tehsil-Kekri, District-Jhunjhunu, Rajasthan. (Proposal No- 255328).	Project Proponent Name- M/s Devendra & Sons Contruction Pvt. Ltd., Address-R/o- DSS 372, Sector 16-17, Hisar (Haryana),Email-devendrasons2022@gmail.com Consultant Name:- Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida-201301 (U.P.) Email:- cognizanceresearchindiapl@gmail.com
7.	21203	Project Name:- ToR for Quartz & Feldspar Mining Project (Plot No. 37/2021), Area: 4.0906 hect., Proposed Capacity:- 289300 TPA (ROM) at near village-Bodki, Tehsil-Lasadiya, Disrtict-Udaipur, Rajasthan (Proposal No- 76716).	Name of Proponent : - M/s Infinity Infra, Address Plot no. 19, K-1, Lal Kothi Scheme, Jaipur, Rajasthan, Email- not given. Name of Consultant:- Cognizance Research India Private Ltd. Office GT-20, Sec 177, Noida,(U.P.) , Email:- cognizanceresearchindiapl@gmail.com .
8.	20247	Project Name- Environmental Clearance for Golpur sandstone mining project, plot No-60,Area-1.00hect.,Production capacity: 70,089 TPA (ROM), Khasra No.-367/3,Located near village-Golpur,Tehsil-Bundi, Rajasthan (Proposal No-233199).	Name of Proponent:- M/s Sarv Shri Ardor Impex L.L.P.,Add- 827A Palam Vihar Gurgaon Haryana, Gurgaon,Gurgaon,Haryana,Email-ardorimpex123@gmail.com. Name of Consultant:- P AND M SOLUTION, Add.- Shivani mines & Minerals, B-39, RIICO, Housing Colony, Beawar, Distt.- Ajmer (Raj.) Email.- shivanimines@gmail.com .
9.	20245	Project Name- Environmental Clearance for Golpur sandstone mining project, plot No-06, Area-1.50hect., Production capacity: 1,00,548 TPA (ROM), Khasra No.- 9 & 11,Located near village-Golpur,Tehsil-Bundi, Rajasthan (Proposal No-233172).	Name of Proponent:- M/s Themis Lexsol Consulting L.L.P.,Add- A 207Narvana Apartments IP Extension Patparganj Delhi,Pahar Ganj,Central,Delhi,Email-themislex123@gmail.com. Name of Consultant:- P AND M SOLUTION, Add.- Shivani mines & Minerals, B-39, RIICO, Housing Colony, Beawar, Distt.- Ajmer (Raj.) Email.- shivanimines@gmail.com

10.	21684	Project Name- Application for approval of EIA/ EMP with respect to Dungri Kalan & Kadila Granite & Masonry Stone Cluster, Cluster No. 07, Cluster area 9.8366 ha. Production capacity of the Cluster- 11,39,193.6 TPA (ROM) and EC to Shree Balram Jatav, Ref. No.- 2019100005029, Area- 1.5646, Production capacity- 1,73,985 TPA (ROM) at Khasra No. 216/1, 216/2 & 217, N/v- Dungari Kalan & Kadila, Tehsil- Malpura, District- Tonk, Rajasthan (Proposal No- 77271).	Project Proponent Name- Shree Balram Jatav S/o Sh. Kalla Jatav., Project In- Charge- Shree Balram Jatav, Add-35, Indra Colony Ward-I, Tehsil- Bijoliya, Distt- Bhilwara, (Raj) Email- balramjatav5029@gmail.com . Consultant Name- M/s N.S Enviro-Tech Laboratories & Consultant. Add.- Plot No-51, Ganeta House, Shiv Vihar Colony, Near Patrakar Colony Road, Mansarovar, Jaipur (Raj). Email:- nsenvirotech@gmail.com
11.	21119	Project Name: - EC for Bentonite & Masonary Stone Mining Project, (ML. No.- 09/2021, Reference No. 20211000043912, Area- 1.7639 Hectare, with production capacity: 1,19,999 TPA (ROM) {Saleable Bentonite: 43448 TPA, Saleable Masonry stone: 70,551 TPA, Waste: 6000 TPA}, Khasra No:- 5, 11, at village- Choki Jhrel, Tehsil- Jhalrapatan, District- Jhalawar, Rajasthan (Proposal NO- 269011).	Project Proponent Name: - Shri Govind , S/o Shri Mohan Lal ,Address-Raipur Durgpura, Jhalrapatan, Jhalawar,Rajasthan,Email- govind2022321@outlook.com. Name of Consultant:- Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida- 201301 (U.P.) Email:- cognizanceresearchindiapl@gmail.com
12.	21179	Project Name:- Environment Clearance for “Chandma Marble Mining Project, M.L No 133/2021, Production of Mine – 2,00,000 TPA (ROM), Applied Mining lease area – 2.5320 hectare, Khasra No. 51, 1700/51, 50, 1701/51, 1702/52, 52, 102, 103 & 49, Near village– Chandma, Tehsil, Phuliya, Kalana, District- Bhilwara, Rajasthan (Proposal No- 266149).	Project Proponent Name:- M/s S.P. Granites, Address- R/o- Office no 01 Rajpura Road, Teshil- Kekri, Distt:- Ajmer, Rajasthan, Email- spgranite2021@gmail.com . Consultant Name:- M/s Ramji Mine Envirotech, Add:- Plot No. 21, First Floor, Aarna-2 Tower, Kartarpura Industrial Area, Jaipur E-mail:- mkguptarqp@gmail.com , rme.envirotech@gmail.com .
13.	20320	Project Name- EC for Mining project Ladpacha Quartz & Feldspar Area, Plot No. 22/2021, Area-4.2571 hect.,	Project Proponent Name- M/s Nirek Mines And Minerals Llp,Add- R/O- K-16, Govind Nagar, Housing Board,

		Production capacity: 333333 TPA (ROM) {saleable: 200000 TPA; Waste: 100000 TPA;Subgrade : 33333 TPA} at Khasra No. 1042, Add.- Village-ladpacha, Tehsil-Railmagra, Dist-Rajsamand, Rajasthan, (Proposal No- 254271).	Devriya House, Rajsamand, Rajasthan, Email- nmamllp@gmail.com . Consultant Name:- R.K. Consultants 17 E/777, C.H.B, Jodhpur (Raj.), Email:- rkconsultantsjodhpur@gmail.com .
14.	20403	Project Name- EC for mining project of Khatukada Quartz & feldspar area, plot no. 20/2021, , Lease area of 4.0571 ha., Production capacity: 334396 TPA (ROM) {saleable: 200637.6 TPA; Waste: 100318.8 TPA;Subgrade : 33439.6 TPA} at khasra no. 1, near village khatukada, tehsil- Railmagra, Distt:- Rajsamand in Rajasthan (Proposal No:- 254294)	Project Proponent Name:- M/S Encore Empowerment Private Limited , Add:- 28, Ground Floor, Shree Niketan, Ashok Nagar Udaipur, Rajasthan, Email:- encorepl202021@gmail.com Consultant Name:- R.K. Consultants- 17 E/777, C.H.B, Jodhpur (Raj.), Email:- rkconsultantsjodhpur@gmail.com .

After examination and appraisal of the projects on the basis of the documents & information contained therein and information provided during presentation by the PP and their consultants and required due deliberations, the committee resolved to

1. Recommend to SEIAA for grant of EC to proposals listed at serial no. 01, 02, 03, 04, 05, 06, 08, 09, 10, 11, 12, 13, & 14 with appropriate conditions as recommended in the detailed minutes of the respective agenda items.
2. Recommend to SEIAA for grant of ToR to the proposals 07.
3. Defer the proposal(s) listed at Serial no Nil to be considered in subsequently proposed meetings after receipt of the request from Project Proponent /Consultant.
4. Recommend to SEIAA to close & delist the proposals no. Nil.
5. Recommend to SEIAA to reject the proposals NIL.
6. Dropped the proposal(s) S.no.Nil .
7. Recommend to SEIAA for amendment in EC/ToR granted/change in name for proposals NIL.
8. Issue query/seek additional information with respect to the proposals listed at serial no. Nil to be re-examined in the forthcoming meetings of the SEAC upon receipt of the reply from PP/consultant.
9. Issue the warning letter to Project Proponent/ Consultant of the proposals NIL.
10. Further in addition to above committee resolved Nil Proposal having file No.21373, 19720,20843 & 19855 for re-query/ under consideration as the reply given by the PP is not found satisfactory.

The detailed minutes with respect to the agenda items are as annexed. The meeting ended with thanks to the Chair.

S. No.	Name	Designation	Signatures
1	Shri S.K. Solanki	Chairman	
2	Shri Shafaat Husain	Member	
3	Shri Mani Ram Poonia	Member	
4	Dr. Banna Ram Panwar	Member	
5	Shri Gaj Singh Goyal	Member	
6	Shri Ajit Pratap Singh	Member	
7	Shri K.R. Genwa	Member	
8	Dr. Vijay Singh Panwar	Member	
9	Shri Rakesh Gupta	Member Secretary	

Agenda no. 01. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(19940)/ 2021-22

Project Name- Environmental Clearance of proposed Sand Stone Project (Q.L. No.- 22/2019, Ref. No.- 20191000013155, Area- 2.0870 ha., Production capacity: 92,566.8 TPA (ROM) {Saleable: 55,540.08 TPA; Waste: 37,026.72 TPA}, at Kharsa no: 294, 295, 296, 297, 298, 299, 300, 306, 389/104, Near Vill.- Ummedpura, Tehsil- Bijoliya, Distt.- Bhilwara (Raj.) **(Proposal No.- 222788).**

Project Proponent Name- Shri Jai Lal Bhil S/o Shri Bhura Lal & Co-tenants, R/o- Ganeshpura, Tehsil- Teleda, Distt.- Bundi, (Raj.) Email- jayalalbhil22.2019@gmail.com.

Consultant Name:- Gaurang Environmental Solutions PVT. Ltd., Add.- 102, SNG, Shri Ratna Apartment, Peetal Factory, Jhotwara Road, Bani Park, Jaipur, Email- gaurangenviro@gmail.com.

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 04.02.2022 and 25.08.2022 has submitted reply vide letter dated 06.10.2022, received on 06.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted DCF, WL, MHTR Kota dated 30.09.2022, stating that MHTR is situated at a distance of 7.03 Km from the applied area and is outside the notified ESZ of the reserve. PP has submitted revised plantation plan along with jamabandi. The PP has also submitted cluster certificate accompanied with the map dated 15.09.2022 issued by ME, Bijoliya, which states that the total area of the leases including LOI is 3.097 ha. The PP has also submitted the extension of LOI by ME, Bijoliya dated 30.08.2022, which states that the LOI is valid up to 17.01.2023.

The particulars of the project, in brief, as submitted by the PP are as follows:-

S.N o.	Particulars	Details/Information															
1.	Cat./ Item no. (in schedule) :	1 (a)-B2															
2.	Location of the Project	Near village – Ummedpura, Tehsil: Bijoliya, District: Bhilwara (Rajasthan)															
3.	Project Details M.L No./ Productio n Capacity	<table><tr><td>Reference No.</td><td>:</td><td>20191000013155</td></tr><tr><td>Khasra No.</td><td>:</td><td>294, 295, 296, 297, 298, 299, 300, 306, 389/104</td></tr><tr><td>Area</td><td>:</td><td>2.0870 Hect.</td></tr><tr><td>Production (TPA)</td><td>:</td><td>92566.8 TPA (ROM){Recoverable Mineral- 55540.08 TPA 37026.72 TPA}</td></tr><tr><td colspan="3">Details are given in cover page of Proposal obtaining of Environmental Clearance (Pa</td></tr></table>	Reference No.	:	20191000013155	Khasra No.	:	294, 295, 296, 297, 298, 299, 300, 306, 389/104	Area	:	2.0870 Hect.	Production (TPA)	:	92566.8 TPA (ROM){Recoverable Mineral- 55540.08 TPA 37026.72 TPA}	Details are given in cover page of Proposal obtaining of Environmental Clearance (Pa		
Reference No.	:	20191000013155															
Khasra No.	:	294, 295, 296, 297, 298, 299, 300, 306, 389/104															
Area	:	2.0870 Hect.															
Production (TPA)	:	92566.8 TPA (ROM){Recoverable Mineral- 55540.08 TPA 37026.72 TPA}															
Details are given in cover page of Proposal obtaining of Environmental Clearance (Pa																	

4.	Project Cost	Project Cost: Rs0.30Crore /- (in Rs.) Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)
5.	Water requirement & Source	5.0 KLD (Source: Water will be sourced from nearby villages) Details are given in Slide no. 22of Power Point Presentation.
6.	Fuel & Energy	No electricity will be required in mining operations as mining will be carried out in day time only. Details are given in Slide no. 22of Power Point Presentation
7.	Application no., Date of Documents Submitted	Category : B2 SEAC FILE NO. : 19940 Date of documents Submitted :03/01/2022 SEAC Meeting No. : 5A .07 th Meeting Agenda Sr. No. : 58 Date of Presentation : 13/01/2022
8.	Information about Aravalli certificate	Aravalli Certificate has been issued byMining Engineer,Bijoliya(Raj.). Vide letter no. ME/BIJO/MA.CHI./ARAWALI/2022/210 dated15/09/2022
9.	Date of Air, Water, Noise, monitoring	Monitoring was conducted byNoida Testing Laboratories, Approved by MoEF& CC, New Delhi
10.	Information about 500 mts composite map & Cluster Map	500 mts composite map has been issued byMining Engineer, Bijoliya(Raj.). Vide letter no. ME/BIJO/MA.CHI/CLUSTER/2022/211 dated 15/09/2022 Area falling within 500 mts therefore no cluster formation.

11.	EMP Activities	Environmental Management Plan Expenditures: Capital Cost:Rs. 1.00lacs Recurring Cost:Rs. 0.80 lacs per annum.																																																																																																	
		Sr. No.		Particulars		Capital Cost (in Rs. Lac)		Recurring Cost (in Rs. Lac)																																																																																											
		1.		Pollution monitoring – Air, Water, Noise and Soil		-		0.25																																																																																											
		2.		Pollution control (water Sprinkling)				0.20																																																																																											
		3.		Green Belt development (Tree guards, plantation and its maintenances etc.)		1.00		0.15																																																																																											
		4.		Contribution towards construction and maintenances of the kachha roads after consultation with the concerned gram panchayat.		-		0.20																																																																																											
		Total				1.00		0.80																																																																																											
12.	Greenbelt & Plantation	<table><tr><th rowspan="2">Year</th><th colspan="2">Un-worked Area</th><th colspan="2">Outside the lease area at own khasra no-292,293&301</th><th colspan="2">Inside Dump (Reclaimed Area)</th><th colspan="2">Top Soil Dumps</th><th rowspan="2">Total</th></tr><tr><th>Area (Ha.)</th><th>No. of Trees</th><th>Area (Ha.)</th><th>No. of Trees</th><th>Area (Ha.)</th><th>No. of Trees</th><th>Area (Ha.)</th><th>No. of Trees</th></tr><tr><td>Existing</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>0.</td></tr><tr><td>1st</td><td>0.5329</td><td>534</td><td>0.1558</td><td>156</td><td>--</td><td>--</td><td>--</td><td>--</td><td>0.</td></tr><tr><td>2nd</td><td colspan="9">Maintenances & Replacement of plants</td></tr><tr><td>3rd</td><td colspan="9">Maintenances & Replacement of plants</td></tr><tr><td>4th</td><td colspan="9">Maintenances & Replacement of plants</td></tr><tr><td>5th</td><td colspan="9">Maintenances & Replacement of plants</td></tr><tr><td>Total</td><td>0.5329</td><td>534</td><td>0.1558</td><td>156</td><td>--</td><td>--</td><td>--</td><td>--</td><td>0.</td></tr></table> <p>Note:- As per O.M. dated 16.01.2020 “The Mining Lease holders shall, after ceasing mining operations, 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.” Total 690 trees will be planted over an area of 0.6887 ha , out of which 534 trees will be planted over an area of 0.5329 ha in 7.5 Safety zone barrier of lease area &156 trees will be planted over an area of 0.1558 ha. On outside the mine area in own pvt land in khasra no. 292,293&301, which will be reclaimed by plantation native species which are more suitable to the local environment are preferred to be planted such as Neem (Azadiractaindica), Pipal (Picusreligiosa), Maulshree (Mimusopselengi), Mango(Mangiferaindica)etc.</p> <p>Source-Approved Mining Plan with Progressive Mine closure plan</p>										Year	Un-worked Area		Outside the lease area at own khasra no-292,293&301		Inside Dump (Reclaimed Area)		Top Soil Dumps		Total	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Existing	--	--	--	--	--	--	--	--	0.	1 st	0.5329	534	0.1558	156	--	--	--	--	0.	2 nd	Maintenances & Replacement of plants									3 rd	Maintenances & Replacement of plants									4 th	Maintenances & Replacement of plants									5 th	Maintenances & Replacement of plants									Total	0.5329	534	0.1558	156	--	--	--	--	0.
Year	Un-worked Area		Outside the lease area at own khasra no-292,293&301		Inside Dump (Reclaimed Area)		Top Soil Dumps		Total																																																																																										
	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees																																																																																											
Existing	--	--	--	--	--	--	--	--	0.																																																																																										
1 st	0.5329	534	0.1558	156	--	--	--	--	0.																																																																																										
2 nd	Maintenances & Replacement of plants																																																																																																		
3 rd	Maintenances & Replacement of plants																																																																																																		
4 th	Maintenances & Replacement of plants																																																																																																		
5 th	Maintenances & Replacement of plants																																																																																																		
Total	0.5329	534	0.1558	156	--	--	--	--	0.																																																																																										
13.	Budgetary breakup for labour	Sr.		Facility provided for Labour		Capital Cost in Rs.		Recurring cost																																																																																											
		1.		Shelter, Safe Drinking, Water, Sanitation Facility		83,500/-		Maintenances cost: 25,000/-																																																																																											
		2.		Periodic Medical Examination once in three years @ 500 workers		-		5,500/-																																																																																											

		3.	Group insurance @ Rs. 1500 per worker	16,500/-	-
		4.	Provision for personal protective equipment (PPEs) like ear plugs, dust masks, helmet, shoes for 11 workers		45,000/-
		5.	First Aid Box	-	4,500/-
		Total		100,000/-	80,000/-
		The information regarding Budgetary breakup for labour has been given in PFR & Power Point Presentation			
14.	Present Status	Proposed Mine site.			

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Jai Lal Bhil S/o Shri Bhura Lal for Environmental Clearance of proposed Sand Stone Project (Q.L. No.- 22/2019, Ref. No.- 20191000013155, Area- 2.0870 ha., Production capacity: 92,566.8 TPA (ROM) {Saleable: 55,540.08 TPA; Waste: 37,026.72 TPA}, at Kharsa no: 294, 295, 296, 297, 298, 299, 300, 306, 389/104, Near Vill.- Ummedpura, Tehsil- Bijoliya, Distt.- Bhilwara (Raj.) (**Proposal No.- 222788**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'.

Agenda no. 02. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(20971)/ 2021-22

Project Name- EC for Naarji ka Guda Quartz, Feldspar, Pyrophyllite and Soapstone Mine M.L. No. 02/2019, Area- 3.7073Ha., Production Capacity – 478132 TPA(ROM){ Quartz-144893 TPA, Feldspar-160302 TPA, Pyrophyllite-93815 TPA and Soapstone- 75400 TPA} at Khasra No- 114,113/2 located near village- Naarji ka Guda,Tehsil-Lasadiya, District-Udaipur (Rajasthan).(Proposal no-266980)

Project Proponent Name:- Shri Mahaveer Prasad Jain(Co- applicants: 1 Shri Mahendra Kumar Jain & Shri Yashwant Jain), Address- Near Paani Ki Tanki, Kanpur, Tehsil-Girwa, Udaipur, Rajasthan, Email- mahaveerprasadjainec@gmail.com

Name of Consultant:- M/s. Envirogreen Consultants(I) Pvt. Ltd, Address 1-B, Machhla Magra, Near Patel Circle, Udaipur, Email- info@egcipl.com

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 05.08.2022 has submitted reply vide letter dated 11.10.2022, received on 12.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted revised cluster certificate along with map issued by AME, Salumber on 11.10.2022, which states that total cluster area is 3.7073 ha. The PP has submitted DCF, WL, Chittorgarh certificate dated 06.10.2022, which stated that there is no NP/WLS/Conservation Reserve within 10 Km periphery of the applied lease area in District Chittorgarh and Pratapgarh. PP has also submitted the revised project cost i.e. 92.15 lacs.

The particulars of the project, in brief, as submitted by the PP are as follows:

1.	Category / Item no. (in Schedule):	1(a)B2;Individual Lease, Proposal No.: SIA/RJ/MIN/266980/2022
2.	Location of Project	Village-Naarji ka Guda, Tehsil- Lasadiya, District –Udaipur (Raj.) Toposheet No. 45 L/03 Latitude- 24°21' 35.5637" N to 24°21' 42.7729" N Longitude- 74°06' 24.5471" E to 74°06' 36.7415" E
3.	Project Details M.L. No. / Production capacity	Area- 3.7073 Ha Khasra No- 114, 113/2 Production capacity: 478132 TPA (ROM) (Page no.18 of PFR & Page no.1 of Form-I)
4.	Project Cost:	92.15 Lac
5.	Water Requirement & Source	5.0 KLD (Pg No. 20 of PFR) Source: Drinking water is obtained from purchased water tanker. Waterfor Greenbelt development, dust suppression and other activities is obtained from the mine sump.
6.	Fuel & Energy:-	Diesel is used to run the machinery for mining purpose. Diesel will be used in compressor, dumpers and tractors. Diesel will be obtained from nearby pump. (Pg No. 20 of PFR)

7.	Application No. & Date & documents submitted	Proposal No. : SIA/RJ/MIN/266980/2022; Submission Date: 14.04.2022 ➤ Form-2 (Online) ➤ Form-I ➤ Pre-Feasibility Report with supporting annexure ➤ Declaration (by PP & consultant) ➤ Annexure C, E, F,G and H ➤ NABET and MoEF&CC accreditation letter ➤ Presentation		
8.	Information about Aravalli Certificate.	Aravalli Certificate obtained vide letter no. AME/Selu/EC/M.L.2/2019/2022/276; Dated: 08.03.2022		
9.	Date of Air/ Water/ Noise Monitoring	Report's Date:-08.04.2022 (Monitoring/Analysis report enclosed with PFR)		
10.	Information about 500 m composite map	500 m composite map obtained from Office of Assistant Mining Engineer, Dept. of Mines and Geology, Salumber vide letter no. AME/Selu/EC/M.L.2/2019/2022/448; Dated: 11.10.2022.		
11.	Environment Management Plan	Amount (in Lac)		Particular
		2.50 Lac/Year		<ul style="list-style-type: none"> • Pollution monitoring – Air, Water, Noise and Soil Post EC environmental monitoring. • Pollution control (Water Sprinkling & Green Belt development including providing tree guards, plantation and its maintenances). • Construction and maintenance of environment structures (pit fencing, retaining wall, garland drains etc.)
12.	CER Activities	I year	1.85 Lac	Financial assistance for renovation (Windows, doors, electricity fitting, plaster etc.) of school building /classrooms in the Government School located in Naarji Ka Guda Village.
		II year	1.85 Lac	Providing RO plant with water Cooler at Government School located in Naarji Ka Guda Village.
		III year	1.85 Lac	Providing Laptop (1 Nos.) with printers at Government Primary School located in Naarji Ka Guda Village.
		IV year	1.85 Lac	Providing swing for students at Government Primary School located in Naarji Ka Guda Village.
		V year	1.85 Lac	Providing Amenities like almirah, furniture on need basis and indoor games for students at Government Primary School located in Naarji Ka Guda Village.
13.	Green Belt/ Plantation	2.00 Lac/Year		Total 1900 nos. of plant shall be planted over an area of 1.8894 ha. Re- grassing the mining lease area and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. as per the Hon'ble Supreme Court order dated 08.01.2020 and MoEF&CC OM dated 16.01.2020.
14.	Budgetary Breakup for Labour			Amount/ Particulars

		0.50 Lac	annum	
			15000/-	Drinking water facility, maintenance of Washroom/Toilets, Rest Shelter, First aid facility at mine site office & others
			25000/-	Personal Protective Equipments for labourers
			10000/-	Periodic Medical check up
15.	Present Status	It is a new mining project, project proponent required Environment Clearance for the production of mineral Quartz, Feldspar, Pyrophyllite and Soapstone.		

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Mahaveer Prasad Jain for EC for Naarji ka Guda Quartz, Feldspar, Pyrophyllite and Soapstone Mine M.L. No. 02/2019, Area- 3.7073Ha., Production Capacity – 478132 TPA(ROM){ Quartz- 144893 TPA, Feldspar-160302 TPA, Pyrophyllite-93815 TPA and Soapstone- 75400 TPA} at Khasra No- 114,113/2 located near village- Naarji ka Guda, Tehsil-Lasadiya, District- Udaipur (Rajasthan).(**Proposal no-266980**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'.

Agenda no. 03. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2 (20931)/ 2021-22

Project Name:- Environment Clearance for Existing mining project of Quartz, Feldspar & Granite Mining Project, M.L. No. 181/2008, Area– 4.3665 Hectare, Production Capacity : { Quartz & Feldspar – 85715 TPA, Granite-142857 TPA} at Khasra No- 20/3 Near Village – Kameri, Tehsil– Deogarh, District –Rajsamand, Rajasthan (**Proposal No- 266778**).

Name of Proponent :- M/s. Nakoda Parshv Bhairav Mines & Minerals (Partner) Shri Nikhil Kumar Mehta, Address-46, Kumud Vihar 2 front of Jamuna Vihar Ke Samne, Bhilwara, District- Bhilwara, Rajasthan, Email- nakoda1342006@gmail.com.

Name of Consultant:-M/s Ramji Mine Envirotech, Plot No. 21, First Floor, Aarna-2 Tower, Kartarpura Industrial Area, Jaipur, (Raj.).Email: - mkguptarqp@gmail.com, rme.envirotech@gmail.com

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 22.09.2022 has submitted reply vide letter dated 12.10.2022, received on 17.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted revised DCF, WL, Rajsamand certificate dated 21.09.2022, which stated that there is no NP/WLS/T & E Reserve within 10 Km periphery of the applied lease area and nearest forest block Seemmata is at a distance of 800 meter. The PP has submitted species specific conservation plan to DCF, Rajsamand vide application dated 12.10.2022. PP has also submitted cluster certificate dated 10.10.2022 issued by ME, Amet, according to which there is no cluster formation.

The particulars of the project, in brief, as submitted by the PP are as follows:

1	Category / Item no.(in Schedule):	1(a)B-2
2	Location of Project	M/s. Nakoda Parshv Bhairav Mines & Minerals, Quartz, Feldspar & Granite mining Project, Near Village – Kameri, Tehsil– Deogarh, District –Rajsamand, Rajasthan, falls within the Survey of India Toposheet No.45 G/15.
3	Project Details M.L. No. /Production capacity	M.L. No. 181/2008, Area – 4.3665 Ha., Khasra No- 20/3, Proposed Production capacity is - Quartz & Feldspar- 85,715 TPA ROM, Recoverable Quartz & Feldspar Block/luffers/lamps 60,000 TPA ROM, Recoverable Quartz 6,000 TPA, Recoverable Feldspar 54,000 TPA, Mineral Reject 12,857 TPA, Sub grade 12,858 TPA) Granite- 1,42,857 TPA ROM, Recoverable Granite 1,00,000 TPA ROM, Mineral Waste 21,428 TPA, Sub grade 21429 TPA)
4	Project Cost:	2.0 Crore

5	Water Requirement & Source	9.0 KLD from nearby villages through tankers.										
6	Fuel &Energy:-	1500 KLD (HSD).										
7	Application No. & Date & documents submitted:-	SIA/RJ/MIN/266778/2022) dated 08.04.2022										
8	Information about Aravalli Certificate.	ME/Amet/Map/MLNo. 181/2008/147 on dated 05/07/2022										
9	Date of Air/Water/Noise Monitoring	08.03.2022 to 14.03.2022										
10	Information about 500 mts composite map	ME/Amet/Map/MLNo. 181/2008/204 on dated 17/08/2022										
11	Environment Management Plan											

S.N O.	DESCRIPTION OF ITEM	Capital Cost (Rs.)	Recurring Cost (Rs.) / Year
1	Air, Water, Soil & Noise Pollution Monitoring	-	20,000
2	Water Pollution Control	2,00,000 (Garland drain & retaining wall etc.)	50,000 (Maintenance)
3	Green Belt Development (Fencing, Tree Guard, Manuring, Mulching & Pitting)	Plant Cost (1000 Rs/plant x 1440) = 14,40,000/-	Plants Purchasing Cost (1000rs/plant/year x 480) = 4,80,000/- Gardner Salary (10,000 x 12) = 1,20,000 Water Cost for Plant (300 Rs/day x 300 day) = 90,000 6,90,000/-
4	Water Sprinkling on Haul Roads	-	Water Sprinkling (300 days x 300 Rs/day) = 90,000
5	Other Miscellaneous	3,00,000	1,50,000
Total		19,40,000	10,00,000

12	Green Belt/ Plantation	Proposed Plantation (33% of total lease area) 1.44 ha. In 1440 plants will be planted. Plantation will be done along the statutory Barrier zone. Plant species will be adopted as per suggested by forest department like Neem, Pipal, Babool, Mango and many other species as per local soil suitability.										
----	------------------------	---	--	--	--	--	--	--	--	--	--	--

Year	Inside the lease area		Survival Rate (%)	Survived Plant	Replacement & Maintenance	Outside the lease area.		Survival Rate (%)	Survived Plant	Replacement & Maintenance	Total	
	Area (Ha.)	No. of Trees	(70%)		(30%)	Area (Ha.)	No. of Trees	(70%)		(30%)	Area (Ha.)	No. of Trees
Existin	0.33	330	--	330		-	-	--	--		0.33	330

g												
I	0.37	370	70 %	259	111	--	--	--	--	--	0.37	259
II	0.37	370	70 %	259	111	--	--	--	--	--	0.37	259
III	0.37	370	70 %	259	111	--	--	--	--	--	0.37	259
IV				333 Replace d								333 Replaced
V	Maintenance of Plantation											
Total	1.44	1440		1440	--	--	--	--	--	--	1.44	1440
13	Budgetary Breakup for Labour	S. No.	Labour Welfare Amenities For Workers						Amount (in Rupees) Per Annum			
		1	Health Facility						20,000			
		2	Drinking water						10,000			
		3	Sanitation Facility						10,000			
		4	Fuel for cooking						10,000			
		5	Education for Children						20,000			
		Total						70,000				
14	Present Status	This is Existing Lease M.L.No.- 181/2008, Area – 4.3665,Mineral Quartz, Feldspar &Granite, Vide Order No ME/Amet/Map/M.L. No.181/2008/406 on dated 16.02.2022the project is covered under schedule 1(a), category “B-2” as per EIA Notification, 2006 & its subsequent amendments till dated.										

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to M/s. Nakoda Parshv Bhairav Mines & Minerals for Environment Clearance for Existing mining project of Quartz, Feldspar & Granite Mining Project, M.L. No. 181/2008, Area– 4.3665 Hectare, Production Capacity : {Quartz & Feldspar – 85715 TPA, Granite-142857 TPA} at Khasra No- 20/3 Near Village – Kameri, Tehsil– Deogarh, District –Rajsamand, Rajasthan (**Proposal No- 266778**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’.

Agenda no. 04. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2(20421)/ 2021-22

Project Name- Environment Clearance for Nayabas Sainthli Masonary Stone Mining Project, Ref. No:- 20211000040114, Area:- 1.1147 ha., Production Capacity – 225000 TPA(ROM) at Khasra No – 1554/971 & 1555/971 N/v:- Nayabas Sainthli, The:- Ramgarh, District- Alwar,, Rajasthan .(**Proposal No. 255875**)

Project Proponent Name:- Shri Babulal Meena S/o shri Ghisaram Meena, Owner, Add:- R/o- Pavta Ka Bas, Barkhera, District- Alwar, Rajasthan-301406, Email:- babulalnayabas2022@gmail.com

Name of Consultant:- Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida- 201301 (U.P.) Email:- cognizanceresearchindiapl@gmail.com

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 10.10.2022 has submitted reply vide letter dated 14.10.2022, received on 17.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted DCF, TP, Sariska dated 16.08.2022, which states that there is no NP/WLS/CTH within 10 Km periphery of the applied lease area.

The particulars of the project, in brief, as submitted by the PP are as follows:

S.N o.	Particulars	Details/Information
1.	Cat./ Item no. (in schedule):	1 (a)-B2
2.	Location of the Project	Near village – Nayabas Sainthli , Tehsil: Ramgarh , District: Alwar (Rajasthan)
3.	Project Details M.L No./ Production Capacity	Ref. No. : 20211000040114 Khasra No. : 1554/971,1555/971 Area : 1.1147 HECT. Production (TPA) : 225000 TPA (ROM) :- Saleable Masonry stone :- 213750 TPA & Waste 11250 Details are given in cover page of Proposal obtaining of Environmental Clearance
4.	Project Cost	Project Cost: Rs 95 Lac Details are given in cover page of Proposal obtaining of Environmental Clearance
5.	Water requirement & Source	Total water requirement is about 7.0 KLD= 1.4 KLD (Drinking & Domestic Uses) + 2.3 KLD (Plantation) + 3.3 KLD (Dust Suppression) Water for Drinking, dust suppression and plantation will be collected from nearby villages.

6.	Fuel & Energy	Diesel will be used for transportation vehicles.							
7.	Application no., Date of Documents Submitted	Category : B2 SEAC FILE NO. : 20421 Date of documents Submitted : 10/02/2022 SEAC Meeting No. : Meeting Agenda Sr. No. : 22 Date of Presentation : 12/04/2022							
8.	Information about Aravalli certificate	Aravalli Certificate has been issued by Mining Engineer, Alwar vide letter No. ME/AL/Khatedari/2022/563 on dated 08/04/2022.							
9.	Date of Air, Water, Noise, monitoring	Monitoring was conducted by Noida Testing Laboratories., Approved by NABL, Noida on dated 05/02/2022.							
10.	Information about 500 mts composite map	500 mts composite map has been issued by Mining Engineer, Alwar vide letter No. ME/AL/Khatedari/2022/564 on dated 08/04/2022. Cluster Certificate: - ME/AL/Khatedari/2022/564 on dated 08/04/2022. Cluster area :- 4.0246							
11.	Environment Management Plan	Environment Management Plan Expenditures: Capital Cost : Rs. 4.75 Lac. Recurring Cost : Rs. 1,80,140 Rs. per annum.							
		SI. No.	Measures		Fixed Cost 1st Year		Fixed Cost 2nd Year	Recurring Cost/Year	
		1	Pollution Control i) Dust Suppression by water spraying ii) Road Metallization & Maintenance iii) Netting at SW of lease area		2,93,280/-		2,93,280/-	1,20,000/-	
		2	Pollution Monitoring i) Air pollution ii) Water pollution		-		-	10,000/-	
		3	Plantation and Tree guard		1,81,720/-		1,81,720/-	50,140/-	
		Total		4,75,000/-		4,75,000/-	1,80,140/-		
12.	Greenbelt & Plantation	Expenditure of EMP Rs 1,81,720/- <i>Total green belt will be the 33% of the mine area 0.368 ha shall be planted in 7.5 m Statutory barrier and Part of own Khatedari land at village Nayabas in khasra no 1554/971, 1555/971. Native specie which are more suitable to the local environment are preferred to be planted such as like Babool(Vachellia nilotica) Amla (Phyllanthus emblica), Neem (Azadirachta Indica), Peepal(Ficus Religiosa) etc.</i>							
		No. of Trees	7.5 m Statutory barrier		Part of Charagah land at village Nayabas Sainthli in khasra no. 68		Assumed Survival 80%	Replenishment 20 %	No. of Trees
	1 st	230	0.08	85	0.14	145	184	-	184

		<table><tr><td><i>Year</i></td><td></td><td>5</td><td></td><td>5</td><td></td><td></td><td></td><td></td></tr><tr><td><i>2nd Year</i></td><td>230</td><td>0.085</td><td>85</td><td>0.145</td><td>145</td><td>184</td><td>46</td><td>184</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>46</td><td></td></tr><tr><td><i>Total</i></td><td></td><td>0.170</td><td>170</td><td>0.290</td><td>290</td><td>368</td><td>92</td><td>368</td></tr></table> <p><i>Note:- The mining lease holders shall, after ceasing mining operations, 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.”The lease shall comply all conditions as per on 16/1/2020.</i></p>	<i>Year</i>		5		5					<i>2nd Year</i>	230	0.085	85	0.145	145	184	46	184								46		<i>Total</i>		0.170	170	0.290	290	368	92	368
<i>Year</i>		5		5																																		
<i>2nd Year</i>	230	0.085	85	0.145	145	184	46	184																														
							46																															
<i>Total</i>		0.170	170	0.290	290	368	92	368																														
13.	Budgetary breakup for labour	<p>The information regarding Budgetary breakup for labour has been given in PFR & Power Point Presentation.</p> <table><tr><th>Sr. No.</th><th>Facility provided for Labour</th><th>Exp. Cost in Rs. (Fixed)</th><th>Exp. Cost in Rs. (Recurring)</th></tr><tr><td>1.</td><td>Drinking water facility</td><td>20,000/-</td><td>20,000/-</td></tr><tr><td>2.</td><td>Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance</td><td>35,000/-</td><td>30,000/-</td></tr><tr><td>3.</td><td>Education for Labours children</td><td>20,000/-</td><td>20,000/-</td></tr><tr><td>4.</td><td>Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.</td><td>20,000/-</td><td>15,000/-</td></tr><tr><td colspan="2">Total</td><td>95,000/-</td><td>85,000/-</td></tr></table>							Sr. No.	Facility provided for Labour	Exp. Cost in Rs. (Fixed)	Exp. Cost in Rs. (Recurring)	1.	Drinking water facility	20,000/-	20,000/-	2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	35,000/-	30,000/-	3.	Education for Labours children	20,000/-	20,000/-	4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	20,000/-	15,000/-	Total		95,000/-	85,000/-						
Sr. No.	Facility provided for Labour	Exp. Cost in Rs. (Fixed)	Exp. Cost in Rs. (Recurring)																																			
1.	Drinking water facility	20,000/-	20,000/-																																			
2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	35,000/-	30,000/-																																			
3.	Education for Labours children	20,000/-	20,000/-																																			
4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	20,000/-	15,000/-																																			
Total		95,000/-	85,000/-																																			
14.	Present Status	LOI Granted.																																				

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Babulal Meena S/o shri Ghisaram Meena for Environment Clearance for Nayabas Sainthli Masonary Stone Mining Project, Ref. No:- 20211000040114, Area:- 1.1147 ha., Production Capacity – 225000 TPA(ROM) at Khasra No – 1554/971 & 1555/971 N/v:- Nayabas Sainthli, The:- Ramgarh, District- Alwar,, Rajasthan .(**Proposal No. 255875**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’.

Agenda no.05 . File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(20642)/ 2021-22

Project Name- Environment Clearance for Dudhwa Masonry Stone STP Project, Ref. No- 20211000042028, Area-0.4305 Ha., Production Capacity- 86000 Tonnes, Khasra No. 1521, Add.- Village-Dudhwa, Tehsil-Kekri, District-Jhunjhunu, Rajasthan. **(Proposal No-255325)**

Project Proponent Name- M/s Devendra & Sons Contruction Pvt. Ltd., Address-R/o- DSS 372, Sector 16-17, Hisar (Haryana), Email- devendrasons2022@gmail.com

Consultant Name:- Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida- 201301 (U.P.) Email:- cognizanceresearchindiapl@gmail.com

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 10.10.2022 has submitted reply vide letter dated 14.10.2022, received on 17.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted revised cluster certificate dated 02.09.2022 issued by ME, Jhunjhunu, states that total area of the leases in the cluster is 0.8305 ha. PP has submitted certificate from DCF, Mahendragarh dated 05.08.2022, which states that there is no NP/WLS within 10 Km periphery of the applied lease area. The PP has also submitted copy of conservation plan to DCF, Jhunjhunu on 24.08.2022. PP has also submitted NOC for plantation from Tehsildar, Khetri dated 29.09.2022.

The particulars of the project, in brief, as submitted by the PP are as follows:

S. No.	Particulars	Details/Information
1.	Cat./ Item no. (in schedule):	1 (a)-B2
2.	Location of the Project	Near village – Dudhwa, Tehsil: Khetri, District: Jhunjhunu (Rajasthan)
3.	Project Details M.L No./ Production Capacity	Ref. No. : 20211000042028 Khasra No. : 1521 Area : 0.4305 HECT. Production (TPA) : 86000TPA(ROM) Details are given in cover page of Proposal obtaining of Environmental Clearance

4.	Project Cost	Project Cost: Rs 35 Lac./-(in Rs.) Details are given in cover page of Proposal obtaining of Environmental Clearance																																								
5.	Water requirement & Source	Total water requirement is about 6.0 KLD = 2.0 KLD (Drinking & Domestic Uses) + 2.0KLD (Plantation) + 2.0 KLD (Dust Suppression).Water for Drinking, dust suppression and plantation will be collected from nearby villages.																																								
6.	Fuel & Energy	No electricity will be required in mining operations as mining will be carried out in day time only. Diesel will be used for transportation vehicles.																																								
7.	Application no., Date of Documents Submitted	Category : B2 SEAC FILE NO. : 20642 Date of documents Submitted : 06/02/2022 SEAC Meeting No. : 5A.15 th Agenda Sr. No. : 04 Date of Presentation : 10/05/2022																																								
8.	Information about Aravalli certificate	Aravalli Certificate has been issued by Mining Engineer, Jhunjhunu vide letter No. ME/Jhunjhunu/Map/STP RefNo.202110000420428/564 On Dated 25/01/2022.																																								
9.	Date of Air, Water, Noise, monitoring	Monitoring was conducted by Noida Testing Lab Approved by NABL. On Dated 28/01/2022.																																								
10.	Information about 500 mts composite map	500 mts composite map has been issued by Mining Engineer, Jhunjhunu. Cluster Certificate has been issued by Mining Engineer, Jhunjhunu vide letter No. ME/Jhunjhunu/STP Ref. No.20211000042028/565 on dated 25/01/2022.																																								
11.	EMP Activities	Environment Management Plan Expenditures: Exp. Cost: Rs. 3,00,000 lacs. <table><tr><th>Sl. No.</th><th colspan="4">Measures</th><th colspan="2">Exp. Cost 1st Year</th></tr><tr><td>1</td><td colspan="4">Pollution Control i) Dust Suppression ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.</td><td colspan="2">1,47,780/-</td></tr><tr><td>2</td><td colspan="4">Pollution Monitoring i) Air pollution ii) Water pollution</td><td colspan="2">10,000/-</td></tr><tr><td>3</td><td colspan="4">Green Belt & Tree Guard</td><td colspan="2">1,42,220/-</td></tr><tr><td colspan="5">Total</td><td colspan="2">3,00,000/-</td></tr></table>						Sl. No.	Measures				Exp. Cost 1 st Year		1	Pollution Control i) Dust Suppression ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.				1,47,780/-		2	Pollution Monitoring i) Air pollution ii) Water pollution				10,000/-		3	Green Belt & Tree Guard				1,42,220/-		Total					3,00,000/-	
Sl. No.	Measures				Exp. Cost 1 st Year																																					
1	Pollution Control i) Dust Suppression ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.				1,47,780/-																																					
2	Pollution Monitoring i) Air pollution ii) Water pollution				10,000/-																																					
3	Green Belt & Tree Guard				1,42,220/-																																					
Total					3,00,000/-																																					
12.	Greenbelt & Plantation	Expenditure of Green Belt Rs 1,42,220/- <i>Total green belt will be the 33% of the mine area 0.142 ha. Outside the lease area. Native specie which are more suitable to the local environment are preferred to be planted such as like Palash (Butea monosperma), Neem (Azadirachta Indica), Babul(Vachellia nilotica), Amla (Phyllanthus emblica) etc. it is the proposed to invest 1,42,220 Lac. Rs. Per annum for greenbelt development.</i> <table><tr><th rowspan="2">Year</th><th rowspan="2">No. of Trees</th><th colspan="2">7.5 m Statutory barrier</th><th colspan="2">Outside the lease area</th><th rowspan="2">Assumed Survival 80%</th><th rowspan="2">No. of Trees</th></tr><tr><th>Area (Ha.)</th><th>No. of Trees</th><th>Area (Ha.)</th><th>No. of Trees</th></tr><tr><td>1st Year</td><td>178</td><td>-</td><td>-</td><td>0.178</td><td>178</td><td>142</td><td>142</td></tr><tr><td>Total</td><td>178</td><td>-</td><td>-</td><td>0.178</td><td>178</td><td>142</td><td>142</td></tr></table>						Year	No. of Trees	7.5 m Statutory barrier		Outside the lease area		Assumed Survival 80%	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	1 st Year	178	-	-	0.178	178	142	142	Total	178	-	-	0.178	178	142	142							
Year	No. of Trees	7.5 m Statutory barrier		Outside the lease area		Assumed Survival 80%	No. of Trees																																			
		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees																																					
1 st Year	178	-	-	0.178	178	142	142																																			
Total	178	-	-	0.178	178	142	142																																			

		<i>Note:- As per O.M. dated 16.01.2020 “The Mining Lease holders shall, after ceasing mining operations, 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.</i>																		
13.	Budgetary breakup for labour	The information regarding Budgetary breakup for labour has been given in PFR & Power Point Presentation																		
		<table> <tr> <th>Sr. No.</th> <th>Facility to be Provided for Laborers</th> <th>Exp. Cost in Rs. (Fixed)</th> </tr> <tr> <td>1.</td> <td>Drinking water facility</td> <td>20,000/-</td> </tr> <tr> <td>2.</td> <td>Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance</td> <td>20,000/-</td> </tr> <tr> <td>3.</td> <td>Education for Labour children</td> <td>20,000/-</td> </tr> <tr> <td>4.</td> <td>Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.</td> <td>20,000/-</td> </tr> <tr> <td colspan="2">Total</td> <td>80,000/-</td> </tr> </table>	Sr. No.	Facility to be Provided for Laborers	Exp. Cost in Rs. (Fixed)	1.	Drinking water facility	20,000/-	2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	20,000/-	3.	Education for Labour children	20,000/-	4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	20,000/-	Total		80,000/-
Sr. No.	Facility to be Provided for Laborers	Exp. Cost in Rs. (Fixed)																		
1.	Drinking water facility	20,000/-																		
2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	20,000/-																		
3.	Education for Labour children	20,000/-																		
4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	20,000/-																		
Total		80,000/-																		
14.	Present Status	STP Granted																		

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to M/s Devendra & Sons Contruction Pvt. Ltd for Environment Clearance for Dudhwa Masonry Stone STP Project, Ref. No-20211000042028, Area-0.4305 Ha., Production Capacity- 86000 Tonnes, Khasra No. 1521, Add.- Village-Dudhwa, Tehsil-Kekri, District-Jhunjhunu, Rajasthan. **(Proposal No-255325)**, with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'.

Agenda no. 06. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(20643)/ 2021-22

Project Name- Environment Clearance of Dudhwa Masonry Stone STP Project, Ref.No- 20211000042040, Area-0.40hect., Production Capacity 1,10,000 Tonnes, Khasra No. 1521, (Govt. Land), Near Village-Dudhwa, Tehsil-Kekri, District-Jhunjhunu, Rajasthan. **(Proposal No- 255328).**

Project Proponent Name- M/s Devendra & Sons Contruction Pvt. Ltd., Address-R/o- DSS 372, Sector 16-17, Hisar (Haryana),Email- devendrasons2022@gmail.com

Consultant Name:- Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida- 201301 (U.P.) Email:- cognizanceresearchindiapl@gmail.com

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 10.10.2022 has submitted reply vide letter dated 14.10.2022, received on 17.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted revised cluster certificate dated 02.09.2022 issued by ME, Jhunjhunu, states that total area of the leases in the cluster is 0.8305 ha. PP has submitted certificate from DCF, Mahendragarh dated 05.08.2022, which states that there is no NP/WLS within 10 Km periphery of the applied lease area. The PP has also submitted copy of conservation plan to DCF, Jhunjhunu on 24.08.2022. PP has also submitted NOC for plantation from Tehsildar, Khetri dated 29.09.2022.

The particulars of the project, in brief, as submitted by the PP are as follows:

1.	Category / Item no.(in Schedule):	1(a) B2
2.	Location of Project	Village: Dudhwa, Tehsil – Khetri, District - Jhunjhunu (Raj.) Latitude:- 28° 01'57.63177" to 28° 02'04.15817" Longitude:- 75°57'09.74269" to 75°57'19.42146"

3.	Project Details Ref No. /Production capacity	Ref. No.20211000042040 Khasra No.- 1521 (Govt. Land). STP Area- 0.40 Hect. Production - 1,10,000 Tonnes			
4.	Project Cost:	Rs. 35 Lac			
5.	Water Requirement & Source	Total water requirement is about 6.0 KLD = 2.0 KLD (Drinking & Domestic Uses) + 2.0 KLD (Plantation) KLD + 2.0 KLD (Dust suppression and allied activities).			
6.	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation. Electricity will be required for drill machines which will be fulfilled by proposed DG Set.			
7.	Application No. & Date & documents submitted :-	Category : B2 SEAC FILE NO. : 20643 Date of documents Submitted : 6/2/2022 SEAC Meeting No. : 5A.15 Agenda Sr. No. : 5 Date of Presentation : 10/5/2022			
8.	Information about Aravalli Certificate.	Aravalli Certificate has been issued by Mining Engineer, Jhunjhunu, (Raj.) Vide letter no. ME/Jhunjhunu/MAp/STP Ref. No.- 20211000042040/645 on date 28/3/2022.			
	Date of Air/ Noise/Water/Soil Monitoring	Monitoring was conducted by Noida Testing Laboratories., Approved by NABL, Noida dated 28/1/2022.			
9.	Information about Cluster & 500 mts composite map	500 mts composite map & cluster certificate has been issued by Mining Engineer, Jhunjhunu (Raj.), Vide letter no. ME/Jhunjhunu/STP Ref. No.- 20211000042040/563 on date 25/01/2022. Area falling within 500 mts is 0.8305 Hect.			
10	Environment Management Plan	Environment Management Plan Expenditures: Capital Cost: Rs. 3,50,000/-			
		<table> <tr> <th>Sl. No.</th><th>Measures</th><th>Exp. Cost i (Fixed)</th></tr> </table>	Sl. No.	Measures	Exp. Cost i (Fixed)
Sl. No.	Measures	Exp. Cost i (Fixed)			

		<table><tr><td>1.</td><td>Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.</td><td>2,08,165</td><td></td></tr><tr><td>2.</td><td>Pollution Monitoring i) Air pollution ii) Water pollution</td><td>10,000</td><td></td></tr><tr><td>3.</td><td>Green Belt & Tree Guard</td><td>1,31,835</td><td></td></tr><tr><td colspan="2">Total</td><td>3,50,000/-</td><td></td></tr></table>	1.	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	2,08,165		2.	Pollution Monitoring i) Air pollution ii) Water pollution	10,000		3.	Green Belt & Tree Guard	1,31,835		Total		3,50,000/-														
1.	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	2,08,165																													
2.	Pollution Monitoring i) Air pollution ii) Water pollution	10,000																													
3.	Green Belt & Tree Guard	1,31,835																													
Total		3,50,000/-																													
11	Green Belt/ Plantation	<p>Expenditure of Green Belt Rs 1,31,835/-</p> <p>Total green belt will be planted 33% of the STP area 0.132 Ha. will be planted at outside the lease area.</p> <p>Native specie which are more suitable to the local environment are preferred to be planted such as like Neem (Azadiracta indica), Amla (Phyllanthus emblica), Shisham (Dalbergia sisso), Mango (Mangifera indica) etc. it is the proposed to invest 1,31,835 Rs. Per annum for greenbelt development</p> <table><tr><th rowspan="2">Year</th><th rowspan="2">No. of Trees</th><th colspan="2">7.5 m Statutory Barrier</th><th colspan="2">Outside the lease area.</th><th rowspan="2">Assumed Survival 80%</th><th rowspan="2">Total No. of Trees</th></tr><tr><th>Area (Ha.)</th><th>No. of Trees</th><th>Area (Ha.)</th><th>No. of Trees</th></tr><tr><td>st 1 Year</td><td>165</td><td>-</td><td>-</td><td>0.165</td><td>165</td><td>132</td><td>132</td></tr><tr><td>Total</td><td></td><td></td><td></td><td>0.165</td><td>165</td><td>132</td><td>132</td></tr></table> <p>Note:- As per O.M. dated 16.01.2020 "The Mining Lease holders shall, after ceasing mining operations, 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.</p>		Year	No. of Trees	7.5 m Statutory Barrier		Outside the lease area.		Assumed Survival 80%	Total No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	st 1 Year	165	-	-	0.165	165	132	132	Total				0.165	165	132	132
Year	No. of Trees	7.5 m Statutory Barrier				Outside the lease area.		Assumed Survival 80%	Total No. of Trees																						
		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees																										
st 1 Year	165	-	-	0.165	165	132	132																								
Total				0.165	165	132	132																								
12	Budgetary Breakup for Labours	<p>The information regarding Budgetary breakup for labor has been given in PFR & Power Point Presentation</p> <table><tr><th>Sr. No.</th><th>Facility to be Provided for Laborers</th><th>Exp. Cost in Rs. (Fixed)</th></tr><tr><td>1.</td><td>Drinking water facility</td><td>20,000/-</td></tr><tr><td>2.</td><td>Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance</td><td>20,000/</td></tr><tr><td>3.</td><td>Education for Labours children</td><td>20,000/</td></tr><tr><td>4.</td><td>Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.</td><td>20,000/</td></tr><tr><td colspan="2">Total</td><td>80,000/-</td></tr></table>		Sr. No.	Facility to be Provided for Laborers	Exp. Cost in Rs. (Fixed)	1.	Drinking water facility	20,000/-	2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	20,000/	3.	Education for Labours children	20,000/	4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	20,000/	Total		80,000/-										
Sr. No.	Facility to be Provided for Laborers	Exp. Cost in Rs. (Fixed)																													
1.	Drinking water facility	20,000/-																													
2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	20,000/																													
3.	Education for Labours children	20,000/																													
4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	20,000/																													
Total		80,000/-																													

13	Present Status :-	LOI Granted
----	-------------------	-------------

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to M/s Devendra & Sons Contruction Pvt. Ltd for Environment Clearance of Dudhwa Masonry Stone STP Project, Ref.No-20211000042040, Area-0.40hect., Production Capacity 1,10,000 Tonnes, Khasra No. 1521, (Govt. Land), Near Village-Dudhwa, Tehsil-Kekri, District-Jhunjhunu, Rajasthan. (**Proposal No- 255328**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'.

Agenda no.07 . File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1 (21203)/ 2021-22

Project Name:- ToR for Quartz & Feldspar Mining Project (Plot No. 37/2021), Area: 4.0906 hect., Proposed Capacity:- 289300 TPA (ROM) at near village-Bodki, Tehsil-Lasadiya, Disrtict-Udaipur, Rajasthan (**Proposal No- 76716**).

Name of Proponent : - M/s Infinity Infra, Address Plot no. 19, K-1, Lal Kothi Scheme, Jaipur, Rajasthan, Email- not given.

Name of Consultant:- Cognizance Research India Private Ltd. Office GT-20, Sec 177, Noida,(U.P.) , Email:- cognizanceresearchindiapl@gmail.com.

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 20.09.2022 has submitted reply vide letter dated 14.10.2022, received on 17.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has admitted that as per Rajasthan Tenancy (Rules), 1955 Rule 07, the said plot comes under charagah land, the land will be surrendered to the State Government equal to the charagah land by the PP and will be presented accordingly at the time of final EIA/EMP. The PP has also requested that the certificate from DCF, regarding distance of the project from the nearest forest area will be submitted at the time of final presentation.

The SEAC-1 therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC-1 was of the view that the PP is required to get public hearing conducted and carry out detailed EIA and prepare comprehensive EIA report as per the provisions of the EIA notification 2006. The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. As per the provisions of the EIA Notification the PP should get one public consultation done covering all the mining leases in the cluster and prepare final EIA/EMP reports.

The SEAC-1, in pursuance of the Notification dated 17.02.2020 of the MoEF & CC resolved to recommend to SEIAA for grant of ToR as mentioned in **Annexure 'B'**.

Agenda no.08 . File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat.B2(20247)/ 2021-22

Project Name- Environmental Clearance for Golpur sandstone mining project, plot No-60,Area-1.00hect.,Production capacity: 70,089 TPA (ROM), Khasra No.- 367/3,Located near village-Golpur,Tehsil-Bundi, Rajasthan (**Proposal No-233199**).

Name of Proponent:- M/s Sarv Shri Ardor Impex L.L.P.,Add- 827A Palam Vihar Gurgaon Haryana, Gurgaon,Gurgaon,Haryana,Email-ardorimpex123@gmail.com.

Name of Consultant:- P AND M SOLUTION, Add.- Shivani mines & Minerals, B-39, RIICO, Housing Colony, Beawar, Distt.- Ajmer (Raj.) Email.- shivanimines@gmail.com.

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 06.04.2022 and 10.10.2022 has submitted reply vide letter dated 18.10.2022, received on 18.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted NOC for plantation dated 15.10.2022 issued by Sarpanch, Village Gardara for Khasra no. 60 charagah land for an area of 0.6799 ha., along with updated annexure G.

The particulars of the project, in brief, as submitted by the PP are as follows:

Category / Item no.(in Schedule):	1(a) B2		
Location of Project	Village - Golpur , Tehsil- Bundi , District - Bundi (Raj.		
	Pillar	Latitude	Longitude
	A	25° 15' 41.91924"	75° 27'

					07.43190"
		B	25° 15' 37.02758"	75° 27' 07.3935"	
		C	25° 15' 37.03850"	75° 27' 03.82484"	
		D	25° 15' 41.93017"	75° 27' 03.85835"	
	Project Details Plot No. /Production capacity	Plot No.- 06 Area - 1.50Hect Khasra No.- 9 & 11 Production (TPA) - 100548 TPA (ROM)			
	Project Cost:	Rs. 0.80 Cr./-			
	Water Requirement & Source	Total water requirement is about 5.0 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.5 KLD (Plantation + 1.0 KLD Dust Suppression) + 1.5 (Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages by water tanker & PHED			
	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation.			
	Application No. & Date & documents submitted :-	<u>Proposal no SIA/RJ/MIN/233172/2021</u> <u>File No.: 20247</u> Date of Submission: 08/10/2021			
	Information about Aravalli Certificate.	This ML area does not fall in Aravalli ranges. Certificate regarding this has been attached as Annexure – 3 Date and dispatch no. of composite map:- M.E./Bundi-II/Machi/2021/410 Dated 01/09/2021.			
	Date of Air/Water/Noise Monitoring	Date of Monitoring			
	Information about 500 mts composite map	Date and dispatch no. of composite map of 500mts: Area falling within 500 mts is1.50 ha. excluding this mine area Cluster Certificate M.E./Bundi-II/Machi/2021/411 Dated 01/09/2021.			
	Environment Management Plan	Expenditure of EMP Rs 3,18,300/-			
	Sr. No.	Measures	Exp. Cost 1st Year	Exp. Cost 2nd Year	Recurring Cost/Year
	1	Pollution Control	2,10,000/-	2,10,000/-	40,000/-

		<div>i) Dust Suppression, Wet Drilling & Others</div> <div>ii) Road Metallization & Maintenance</div> <div>iii) Netting SW side of lease area.</div>			
2	Pollution Monitoring i) Air pollution ii) Water pollution		-		10,000/-
3	Plantation & Tree Guard		108300/-	108300/-	40,000/-
Total			3,18,300/-	3,18,300/-	90,000/-
Green Belt/ Plantation			Expenditure of Green Belt Rs108300/-		
Total green belt will be the 33% of the ML area 0.495ha of the area will be planted 7.5m statutory barrier & outside the lease area in khasra no 369/5 in gram panchayat Gardara. Native specie which are more suitable to the local environment are preferred to be planted such as like Neem Amla, Palash, & babool etc.					
	</				

		Shoes	
		Total	80,000/-
	Present Status :-	LOI Granted	

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to M/s Sarv Shri Ardor Impex L.L.P for Environmental Clearance for Golpur sandstone mining project, plot No-60,Area-1.00hect.,Production capacity: 70,089 TPA (ROM), Khasra No.- 367/3,Located near village-Golpur,Tehsil-Bundi, Rajasthan (**Proposal No-233199**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'.

Agenda no.09. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat.B2(20245)/ 2021-22

Project Name- Environmental Clearance for Golpur sandstone mining project, plot No-06, Area-1.50hect., Production capacity: 1,00,548 TPA (ROM), Khasra No.- 9 & 11, Located near village-Golpur, Tehsil-Bundi, Rajasthan (**Proposal No-233172**).

Name of Proponent:- M/s Themis Lexsol Consulting L.L.P., Add- A 207 Narvana Apartments IP Extension Patparganj Delhi, Pahar Ganj, Central, Delhi, Email- themislex123@gmail.com.

Name of Consultant:- P AND M SOLUTION, Add.- Shivani mines & Minerals, B-39, RIICO, Housing Colony, Beawar, Distt.- Ajmer (Raj.) Email.- shivanimines@gmail.com

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 06.04.2022 and 10.10.2022 has submitted reply vide letter dated 18.10.2022, received on 18.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted certificate from DCF, Bundi dated 13.06.2022 stating that there is no National Park/WLS within 10 Km periphery of the applied lease area. The PP has also submitted NOC for plantation dated 15.10.2022 issued by Sarpanch, Village Gardara for Khasra no. 60 charagah land for an area of 0.6799 ha., along with updated annexure G.

The particulars of the project, in brief, as submitted by the PP are as follows:

	Category / Item no.(in Schedule):	1(a) B2		
	Location of Project	Village - Golpur , Tehsil- Bundi , District - Bundi (Raj.		
		Pillar	Latitude	Longitude
		A	25°16'14.79594"	75° 27' 21.40521"
		B	25°16'11.54632"	75° 27' 21.39307"
		C	25°16'11.55735"	75° 27' 17.81928"
		D	25°16'14.80697"	75° 27' 17.83139"
	Project Details Plot No. /Production capacity	Plot No.- 60 Area - 1.00Hect Khasra No.- 367/3 Production (TPA) - 70089 TPA (ROM)		
	Project Cost:	Rs. 0.50 Cr./-		
	Water Requirement & Source	Total water requirement is about 4.0 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.0 KLD (Plantation + 1.0 KLD Dust Suppression) + 1.0 (Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages by water tanker & PHED		
	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation.		

Application No. & Date & documents submitted :-	<u>Proposal no :- SIA/RJ/MIN/233199/2021</u> <u>File No.: 20245</u> Date of Submission: 08/10/2021			
Information about Aravalli Certificate.	This ML area does not fall in Aravalli ranges. Certificate regarding this has been attached as Annexure – 3 Date and dispatch no. of composite map:- M.E./Bundi-II/Machi/2021/350 Dated 22/03/2021.			
Date of Air/Water/Noise Monitoring	Date of Monitoring 14/10/2021			
Information about 500 mts composite map	Date and dispatch no. of composite map of 500mts: Area falling within 500 mts is 1.00 ha. excluding this mine area Cluster Certificate M.E./Bundi-II/Machi/2021/351 Dated 22/03/2021.			
Environment Management Plan :-	Expenditure of EMP Rs2,34,550/-			
Sr. No.	Measures	Exp. Cost 1st Year	Exp. Cost 2nd Year	Recurring Cost/Year
1	Pollution Control i) Dust Suppression, Wet Drilling & Others	1,00,000/-	1,00,000/-	30,000/-
	ii) Road Metallization & Maintenance			
	iii) Netting SW side of lease area.			
2	Pollution Monitoring i) Air pollution ii) Water pollution	-		10,000/-
3	Plantation & Tree Guard	1,34,550/-	1,34,550/-	25,000/-
Total		2,34,550/-	2,34,550/-	65,000/-
Green Belt/ Plantation	Expenditure of Green Belt Rs1,34,550/-			

Total green belt will be the 33% of the ML area 0.33ha of the area will be planted in the statutory barrier & Back filled area.

Native species which are more suitable to the local environment are preferred to be planted such as like Aamla (Phyllanthusemblica), Neem (AzadirachtaIndica), Babool (Vachellianilotica) etc. it is the proposed to invest Rs. 1,34550/-Per annum for greenbelt development.

Year	No. of Trees	7.5 m Statutory Barrier		Back filled area&outside the leasearea in khasra no 60 in gram panchayat Gardara		Assumed Survival 80%	Replenishment 20 %	Total No. of Trees
		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees			
1st Year	206	0.080	80	0.126	126	165		165
2nd Year	206	0.080	80	0.126	126	165	41	165
3rd Year	-	-	-			-	41	-
Total		0.160	160	0.252	252	330	82	330

Note:- As per O.M. dated 16.01.2020 "The Mining Lease holders shall, after ceasing mining operations, 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.

Budgetary Breakup for Labour

Expenditure of LabourRs50,000/-

Sl. No.	Scheme	Exp. Cost in Rs. (Fixed & Recurring Yearly)
1	Drinking water facility	10,000/-
2	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	10,000/
3	Education for labours children	10,000/
4	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes	20,000/-
Total		50,000/-

Present Status :-

LOI Granted

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to M/s Themis Lexsol Consulting L.L.P for Environmental Clearance for Golpur sandstone mining project, plot No-06, Area-1.50hect., Production capacity: 1,00,548 TPA (ROM), Khasra No.- 9 & 11, Located near village-Golpur, Tehsil-Bundi, Rajasthan (**Proposal No-233172**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'.

Agenda no. 10. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (21684)/ 2019-20/

Project Name- Application for approval of EIA/ EMP with respect to Dungri Kalan & Kadila Granite & Masonry Stone Cluster, Cluster No. 07, Cluster area 9.8366 ha. Production capacity of the Cluster- 11,39,193.6 TPA (ROM) and EC to Shree Balram Jatav, Ref. No.- 2019100005029, Area- 1.5646, Production capacity- 1,73,985 TPA (ROM) at Khasra No. 216/1, 216/2 & 217, N/v- Dungari Kalan & Kadila, Tehsil- Malpura, District- Tonk, Rajasthan (**Proposal No- 77271**).

Project Proponent Name- Shree Balram Jatav S/o Sh. Kalla Jatav., **Project In- Charge-** Shree Balram Jatav, Add-35, Indra Colony Ward-I, Tehsil- Bijoliya, Distt- Bhilwara, (Raj) Email- balramjatav5029@gmail.com.

Consultant Name- M/s N.S Enviro-Tech Laboratories & Consultant. Add.- Plot No-51, Ganeta House, Shiv Vihar Colony, Near Patrakar Colony Road, Mansarovar, Jaipur (Raj). Email:- nsenvirotech@gmail.com

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 29.09.2022 has submitted reply vide letter dated 18.10.2022, received on 19.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted certificate from DCF, Tonk dated 28.09.2022 stating that there is no National Park/WLS within 10 Km periphery of the applied lease area and Chandsen forest block is at a distance of 8.8 Km from the applied lease area. The PP has also submitted corrigendum letter dated 13.09.2022 from ADM, Mines, Jaipur, which states that the date in LOI extension letter dated 26.05.2020 be read as 26.06.2020 and also in approved mining plan dated 23.07.2019 be read as 23.07.2020.

The details of issue raised by the public and commitments made by the PP during public hearing and the action plan for implementation thereof are as follows:-

S.No.	Name & Address of the person.	Details of comments submitted.	Remedial measures proposed by project authority.	Time Bound Action plan with Fund allocation.
1.	Shankar Bhadana Sarpanch, Village- Dungari Kalan.	He said that after the commencement of mining, local residents should be given employment according to their qualifications.	Project proponent said that local residents will be given employment according to their qualifications after mining starts.	Budget For Labour Welfare Capital Cost- 1,90,000/- Lacs. Recurring Cost- 1,10,000/- Lacs.

The particulars of individual mining/ leases including their budget for EMP/ Labour welfare are as follows:

Particulars of Mining Leases which are part of cluster, located within 500 meter periphery of the applied lease.												
Particulars of Individual L.O.I/QL/ML in the cluster.												
EC TO BE GRANTED												
S. No	Name of Holder of L.O.I/QL/ML	L.O.I/QL/RE. NO.	Date of Sanction	Name of Minerals	Area	Khasra No	Production Capacity	Project Cost in Crore	Mining Plan Approving Authority with date	Weather EC Obtained if yes name of authority and date	Budget for EMP	Budget for Labour Welfare
1.	Sh. Balram Jatav S/O Sh. Kalla Jatav	2019100005029	26/06/2021	Granite	1.5646	216/1, 216/2 & 217	1,73,985	2.79	SME/Jai/M. Plan/P-248/2020/1614 on dated 23-07-2019	ToR	Capital Cost – 3.80 Lakh Recurring cost- 2.35 Lac / annum	Capital Cost – 1.90 Lakh Recurring cost- 1.30 Lac / annum
EC ALREADY GRANTED												
2.	Shri Dharmendra Bairwa	2019100006875	18/06/2019	Granite	1.190	2159/2, 2159/3 & 2159/5	1,35,38	0.95	SME/JP/M P341-A on dated- 16/7/2019	Environmental Clearance (EC) Granted vide letter No- F1 (4)/SEAC-Raj/Sectt/Project/Cat. 1(a) B2 (16229) 2019-20	Capital Cost – 2.80 Lakh Recurring cost- 3.60 Lac / annum	Capital Cost – 1.80 Lakh Recurring cost- 1.20 Lac / annum
3.	Shri Jile Singh	201810000322	06/09/2018	Granite	1.011	2159/4 & 2159/6	1,15,00	0.95	SME/JAI/M. Plan/P-489/18/371 on dated 01-11-2018	Environmental Clearance (EC) Granted vide letter No- F1 (4)/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(15715)2019-20	Capital Cost – 0.90 Lakh Recurring cost- 1.48 Lac / annum	Capital Cost – 0.74 Lakh Recurring cost- 0.50 Lac / annum
4.	Shri Chigan Ram Megwal	20191000011619	23/10/2019	Granite	1.232	2154/7 & 2154/8	1,25	0.95	SME/JAI/M. Plan/P-554/19/765 on dated 6-12-2019	Environmental Clearance (EC) Granted vide letter No- F1 (4)/SEAC-Raj/Sectt/Project/Cat. 1(a) B2 (17454) 2019-20	Capital Cost – 1.50 Lakh Recurring cost- 2.80 Lac / annum	Capital Cost – 1.40 Lakh Recurring cost- 0.90 Lac / annum
5	Shri Shankarlal	201810000770	05/10/2018	Granite	1.346			0.95	SME/JP/M P/P-598/18 on dated 01-03-2019	Environmental Clearance (EC) Granted vide letter No- F1 (4)/SEAC-	Capital Cost – 0.90 Lakh Recurring	Capital Cost – 0.76 Lakh Recurring

										Raj/Sectt/Project/Cat. 1(a) B2 (15736) 2019-20	cost- 1.52 Lac / annu m	cost- 0.50 Lac / annu m
6.	M/s. Himan shi Granite	20191000 011606	18/10/ 2019	Granite	2.489	184/2	3,96,	0.9 5	SME/JP/M P/P-556/ 19/ 759 on dated 06- 12-2019	(EC) Granted vide letter No- F1 (4)/SEAC- Raj/Sectt/Project/Cat. 1(a) B2 (17450) 2019-20	Capital Cost – 0.90 Lakh Recurring cost- 1.52 Lac / annu m	Capital Cost – 0.70 Lakh Recurring cost- 0.50 Lac / annu m
7.	M/s. Himan shi Granite	ML No.- 36/2007	--	Granite	1.00	190	1,00	0.9 5	SME/JAI/ Mining Scheme/P- 52/2017/40 71 on dated 30- 05-2017	Environmental Clearance (EC) Granted vide letter No- DEIAA/Nag aur/ Raj/ Project/Cat. 1 (A) B (2) (EC) 2016- 17/137	Capital Cost – 1.50 Lakh Recurring cost- 2.80 Lac / annu m	Capital Cost – 1.40 Lakh Recurring cost- 0.90 Lac / annu m

The particulars of the project, in brief, as submitted by the PP for cluster are as follows:

S. No.	Particulars	Details/Information				
1.	Cat./ Item no. (in schedule):	1 (a)-B1				
2.	Location of the Project	Near Village- Dungari Kalan & Kadila, Tehsil- Malpura, Dist- Tonk, Rajasthan				
3.	Project Details M.L No./ Production Capacity	S.No	Applicant	Ref. No / M.L No	Area	Production Capacity TPA (ROM)
		1.	Sh. Balram J S/O Sh. Kalla Jatav Applied L.O.I Holder	2019100005029	1.5646	1,73,985
		2.	Shri Dharmes Bairwa	2019100006875	1.1900	1,35,383
		3.	Shri Jile Singh	201810000322	1.0115	1,15,000
		4.	Shri Chigana Megwal	20191000011619	1.2329	1,25,026
		5.	Shri Shankar Regar	201810000770	1.3480	92,552
		6.	M/s. Himans Granite	20191000011606	2.4896	3,96,597.6
		7.	M/s. Himans Granite	ML No.-36/2007	1.00	1,00,650
		TOTAL			9.8366 Ha	11,39,193.6 TPA (ROM)

4.	Project Cost		S. No	Name of Existing Lease	M.L No	Area in Ha.	Project Cost in Crore as Per EC Granted	
			1	Sh. Balram Jatav S/O Sh. Kalla Jatav Applied L.O.I Holder	2019100005029	1.5646	2.79	
			2	Shri Dharmendra Bairwa	2019100006875	1.1900	0.95	
			3	Shri Jile Singh	201810000322	1.0115	0.95	
			4	Shri Chigana Ram Megwal	20191000011619	1.2329	0.95	
			5	Shri Shankarlal Regar	201810000770	1.3480	0.95	
			6	M/s. Himanshi Granite	20191000011606	2.4896	0.95	
			7	M/s. Himanshi Granite	ML No.-36/2007	1.00	0.95	
			Total				9.8366 Ha	8.49 crore
5.	Water requirement & Source	S. No	Activities	Average demand KLD				
				2019100005029	Existing Lease			
		1	Dust Suppression	1.5	10.5			
		2	Green Belt	1.5	3.5			
		3	Drinking & Domestic use	0.5	7.0			
		4	Wire Saw cutting & Wet Drilling	1.0	9.5			
		Total		4.5 KLD	30.0 KLD			
		Total water demand of cluster 03 lease) = 30.0 KLD						
		Source: Water will be made available by Near by Dungari Kalan & Kadila through water tanker.						
6.	Fuel & Energy	Diesel operated machinery will be used. Fuel will be required for the operation of mines machineries and transportation vehicles which will be taken care by the contractor itself. 15 KVA of DG set also proposed. Electricity connection will be taken from the concerned electricity department. For mining leases already operational electricity connection has already been taken.						
7.	Applicat ion no., Date of Docume nts Submitt ed	Category : B1 SEAC FILE NO. : 21684 Date of documents Submitted : 09/07/2022 SEAC Meeting No. : 5A.27 th Meeting Agenda Sr. No. : 05 Date of Presentation : 13/09/2022						
8.	Informat ion about Aravalli certifica te	Aravalli letter was issued by AME Tonk, vide letter no. AME/Tonk/Environment/2020/84 on dated 04.08.2020.						
9.	Date of Air, Water, Noise, monitori ng	Monitoring was conducted by Noida Testing Laboratories., Approved by NABL, Noida.						

10.	Information about 500 mts composite map	AME/TONK/DRG/2021/84 on dated 04.08.2020										
11.	EMP Activities	Environment Management Plan Expenditures: Capital Cost: Rs. 26.60 lacs Recurring Cost: Rs. 22.35 lacs per annum.										
		Sl. No	Description	Measures				Capital Cost (Rs. In lakhs)		Recurring Cost(in lakhs/annum)		
		1	Air Pollution Control	<ul style="list-style-type: none">Road Preparation & MaintenanceWater SprinklingPlanting plant species which can control air pollution along the approach road.				10,50,000/-		10,00,000/-		
		2	Water Pollution Control	<ul style="list-style-type: none">Septic tanks for workers				9,35,000/-		6,35,000/-		
		3	Green Belt Development	<ul style="list-style-type: none">Barrier zoneNear lease area				Nil		1,00,000/-		
		4	Fencing with maintenance	--				6,75,000/-		5,00,000/-		
		Total						26,60,000/-		22,35,000/-		
12.	Greenbelt & Plantation	Year	Along the lease boundary		On Backfilled area		Outside the lease area		Top Soil Dumps		Total	
			Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees
		2022 - 2023	0.81	810	--	--	0.81	810	--	--	1.62	1620
		2023 - 2024	0.81	813	--	--	0.81	813	--	--	1.62	1626
		2024 - 2025	Replacement of plants									
		2025 - 2026	Under Maintenance									
		2026 - 2027	Under Maintenance									
		Total	1.62	1623	--	--	1.62	1623	--	--	3.24	3246
		Total 3246 no. of plants will be planted in the area of 3.24 hectare (i.e. 33% part of total Cluster area) by 1- Applied L.O.I Holder & 6 Existing										

		<p>mine lease Holders by Cluster No.7 “Dungari Kalan & Kadila” Granite & Masonry Stone Mine association are responsible for care taking of Plantation. Under management of Chairmen & Secretary of Cluster No.7 “Dungari Kalan & Kadila” Granite & Masonry Stone Mine association.</p> <p>The sapling for plantation will be selected on basis of water availability of water & according to climatic condition and hence it is proposed to plant 3246 saplings in five year. Approximately 1623 plantation will be done on along the lease boundary at safety barrier zone & Approximately 1623 Plants outside the lease area at the end of life. Year- wise program of green belt development during five years plan period.</p>																																
		<p>As per Office Memorandum 16.01.2020: Commitment by PP The mining lease holders shall after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activates and restore the land to a condition which is for growth of fodder, Flora, Fauna etc.”</p>																																
13.	Budgetary breakup for labour	<p>The information regarding Budgetary breakup for labour has been given in PFR & Power Point Presentation</p> <table><tr><th>S. No.</th><th>Facility Provided for Laborers</th><th>Capital Cost Rs/- Lakh/year</th><th>Recurring Cost Rs/-Lakh/Year</th></tr><tr><td>1.</td><td>Drinking water provided by Tanker</td><td>2.50</td><td>1.30</td></tr><tr><td>2.</td><td>First Aid Box</td><td>1.60</td><td>0.90</td></tr><tr><td>3.</td><td>Rest Shelter</td><td>1.50</td><td>0.85</td></tr><tr><td>4.</td><td>Washroom Facilities for laborers</td><td>3.60</td><td>2.50</td></tr><tr><td>5</td><td>Safety Shoes, hand gloves, Dust mask, Ear plugs, Helmet</td><td>1.50</td><td>0.85</td></tr><tr><td>6</td><td>Insurance</td><td>2.60</td><td>1.60</td></tr><tr><td></td><td>Total</td><td>13,30,000/-</td><td>8,00,000/-</td></tr></table>	S. No.	Facility Provided for Laborers	Capital Cost Rs/- Lakh/year	Recurring Cost Rs/-Lakh/Year	1.	Drinking water provided by Tanker	2.50	1.30	2.	First Aid Box	1.60	0.90	3.	Rest Shelter	1.50	0.85	4.	Washroom Facilities for laborers	3.60	2.50	5	Safety Shoes, hand gloves, Dust mask, Ear plugs, Helmet	1.50	0.85	6	Insurance	2.60	1.60		Total	13,30,000/-	8,00,000/-
S. No.	Facility Provided for Laborers	Capital Cost Rs/- Lakh/year	Recurring Cost Rs/-Lakh/Year																															
1.	Drinking water provided by Tanker	2.50	1.30																															
2.	First Aid Box	1.60	0.90																															
3.	Rest Shelter	1.50	0.85																															
4.	Washroom Facilities for laborers	3.60	2.50																															
5	Safety Shoes, hand gloves, Dust mask, Ear plugs, Helmet	1.50	0.85																															
6	Insurance	2.60	1.60																															
	Total	13,30,000/-	8,00,000/-																															
14.	Present Status	LOI Granted																																

The particulars of the project, in brief, as submitted by the PP are as follows:

1.	Category /Item No.(In Schedule):	1(a) B1
2	Location of Project	Near village- Dungari Kalan & Kadila, Tehsil- Malpura, Dist- Tonk, Rajasthan
3	Project Details ML. No. / Production Capacity	Applied Area Production Capacity 1,73,985 TPA (ROM) Ref. No. 2019100005029, Khasra No- 216/1,216/2 & 217 Applied Area- 1.5646 Hectare in Favor of Shree Balram Jatav.
4	Project Cost:	2.79 Crore
5	Water Requirement & Source:	4.5 KLD
6	Fuel & Energy:-	1.5 KLD (HSD)
7	Application No. & Date & Document Submitted:-	SIA/RJ/MIN/7721/2020 Submission Date 25.05.2022

8	Information About Aravalli Certificate.	Aravalli letter was issued by AME Tonk, vide letter no. AME/Tonk/Environment/2020/84 on dated 04.08.2020.									
9	Date of Air/Water/Noise/Monitoring	01/12/2020 to 28/02/2021									
10	Information About 500 mts Composite Map	AME/TONK/DRG/2021/84 on dated 04.08.2020									
11	Environment Management Plan	EMP Cost :- Capital Cost is 3.80/- Lac Recurring cost is 2.35/- Lac per years.									
	S. No.	Particulars	Capital Cost in Lakh				Recurring cost in Rs. In Lakh per years.				
	1	Pollution Control (Water Sprinkling & Dust Suppression)	1,50,000/-				90,000/-				
	2	Pollution Monitoring (Air, Water, Soil, Noise)	Nil				30,000/-				
	3	Greenbelt	1,50,000/-				90,000/-				
	Year	Along the lease boundary		On Backfilled area		Outside the lease area		Top Soil Dumps		Total	
		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees
	2022-2023	0.20	200	--	--	0.06	60	--	--	0.26	260
	2023-2024	0.20	200	--	--	0.06	60	--	--	0.26	260
	2024-2025	Replacement of plants									
	2025-2026	Under Maintenance									
	2026-2027	Under Maintenance									
	Total	0.40	400	--	--	0.12	120	--	--	0.52	520
	Plantation will be carried out during mining process by applied area, Approximately 520 plants will be planted along the lease boundary at the end of life of mine.										
	Total 520 plants will be planted along the lease boundary and outside lease area (total area 0.52 Hect.). 400 plants will be planted along the lease boundary in an area of 0.40 Hect. (in 7.5 m width & Safety Barrier Zone) & 120 plants will be planted outside lease area, in an area of 0.12 hect., at remaining own land khasra no. 216/1, 216/2 & 217 at N/V Dungari Kalan & Kadila, Tehsil- Malpura, Distt. – Tonk. All plants we will be planted within first two years. Species of plants for planting will be Neem, Desi babul etc. And in remaining III rd to V th years, replacement & maintenance will be done by project proponent. area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is for growth of fodder, Flora, Fauna etc.”										
	4	Faincing & Maintenance		80,000/-				25,000/-			

	Total	3,80,000/-	2,35,000/-	
1 3	Green Belt/ Plantation	Capital Cost- 1.50/- Rs. Recurring Cost- 0.90 Lac per year		
1 4	Budgetary Breakup For Labor	Labor Welfare Capital Cost is 1.90/-Lac, and Recurring Cost is 1.30 /- Lac.		
	S. No.	Facility Provided for Laborers	Capital Cost in Lakh.	Recurring Cost In lakh. Per Year
	1.	Drinking water provided by Tanker	--	25,000
	2.	First Aid Box	3,000	5,000
	3.	Rest Shelter	55,000	15,000
	4.	Washroom Facilities for laborers	55,000	15,000
	5.	Safety Shoes, hand gloves, Dust mask, Ear plugs, Helmet	77,000	35,000
	6.	Insurance	--	35,000
	Total		1,90,000/-	1,30,000/-

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shree Balram Jatav S/o Sh. Kalla Jatav for Dungri Kalan & Kadila Granite & Masonry Stone Cluster, Cluster No. 07, Cluster area 9.8366 ha. Production capacity of the Cluster- 11,39,193.6 TPA (ROM) and EC to Shree Balram Jatav, Ref. No.- 2019100005029, Area- 1.5646, Production capacity- 1,73,985 TPA (ROM) at Khasra No. 216/1, 216/2 & 217, N/v- Dungari Kalan & Kadila, Tehsil- Malpura, District- Tonk, Rajasthan (**Proposal No- 77271**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'.

Besides the general conditions mentioned in Annexure "A" the SEAC-1 also resolved to recommend to SEIAA to impose following additional condition:

The PP/all lessees 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 for Dungri Kalan & Kadila Granite & Masonry Stone Cluster, Ref. No.- 2019100005029, Area- 1.5646, Production capacity- 1,73,985 TPA (ROM) at Khasra No. 216/1, 216/2 & 217, N/v- Dungari Kalan & Kadila, Tehsil- Malpura, District- Tonk, Rajasthan, Total Cluster Area 9.8366 ha., Cluster Production Capacity- 11,39,193.6 TPA (ROM). The mining activities are in cluster therefore project proponent/ all lessees of cluster shall ensure that required permission of DGMS for blasting be obtained, taking into account the number of blasts, timing of blasts, mechanism of blasts, strength of blasts with in a finite time duration, for the entire cluster. The project proponent/ lessees of cluster shall ensure that blasting shall be limited to the minimum possible extent and that the blasting shall not impact the nearby structures, sensitive areas and the human habitat.

Agenda no.11 . File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21119)/ 2021-22

Project Name: - EC for Bentonite & Masonary Stone Mining Project, (ML. No.- 09/2021, Reference No. 20211000043912, Area- 1.7639 Hectare, with production capacity: 1,19,999 TPA (ROM) {Saleable Bentonite: 43448 TPA, Saleable Masonry stone: 70,551 TPA, Waste: 6000 TPA}, Khasra No:- 5, 11, at village- Choki Jhrel, Tehsil- Jhalrapatan, District- Jhalawar, Rajasthan (Proposal NO- 269011).

Project Proponent Name: - Shri Govind , S/o Shri Mohan Lal ,Address-Raipur Durgpura, Jhalrapatan, Jhalawar,Rajasthan,Email- govind2022321@outlook.com.

Name of Consultant:- Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida- 201301 (U.P.) Email:- cognizanceresearchindiapl@gmail.com

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 20.09.2022 has submitted reply vide letter dated 19.10.2022, received on 19.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted revised WRD certificate from EE, WRD, Jhalawar dated 27.09.2022. The committee found WRD certificate is in accordance with the OM dated 14.02.2022 of the MoEF & CC.

The particulars of the project, in brief, as submitted by the PP are as follows:

1.	Category / Item no. (in Schedule):	1(a) B2
2.	Location of Project	Village - Choki Jhrel, Tehsil - Jhalrapatan, District - Jhalawar, State – Rajasthan Latitude:- 24 ⁰ 29'03.48289"to 24 ⁰ 29'07.43163" Longitude:- 76 ⁰ 10'28.46685" to 76 ⁰ 10'33.32092"
3.	Project Details ML No. /Production capacity	(ML. No.- 09/2021, Reference No. 20211000043912) Mine Area- 1.7639 Hect. Production - 119999 TPA (ROM) (Saleable Bentonite - 43448 TPA, Saleable Masonary Stone - 70551 TPA, Waste - 6000 TPA)
4.	Project Cost:	Rs. 2.00 Cr.
5.	Water Requirement & Source	Total water requirement is about 7.0 KLD = 1.0 KLD (Drinking & Domestic Uses) + 3.0 KLD (Plantation) KLD + 3.0KLD (Dust Suppression). Water for Drinking, dust suppression and plantation will be collected from nearby villages.
6.	Fuel &	Only diesel will be required to run vehicles for transportation. No electricity will be needed in the proposed project.

	Energy:-																													
7.	Application No. & Date & documents submitted :-	Category : B2 SEAC FILE NO. : 21119 Date of documents Submitted : 04/05/2022 SEAC Meeting No. : 5A.24th Agenda Sr. No. : 41 Date of Presentation : 24/8/2022																												
8.	Information about Aravalli Certificate.	Aravalli Certificate has been issued by Assistant Mining Engineer, Jhalawar vide order no. AME/Map/2022/1133 on dated 7/03/2022. New Aravali Certificate has been issued by Assistant Mining Engineer, Jhalawar vide order no. AME/Map/2022/2997 on dated 02/08/2022.																												
	Date of Air/Water/ Noise Monitoring	Lab Report have been Submitted on Dated- 16/04/2022																												
9.	Information about 500 mts composite map	500 mts composite map has been issued by Assistant Mining Engineer Jhalawar vide order no. No. AME/JWR/DM/2022/1134 dated 7 /3/2022. Area falling within 500 mts is 2.7639 Hect. Cluster Certificate:- No. AME/ Jhalawar /Cluster /2022/1135 on dated 7/3/2022.																												
10.	Environment Management Plan	Environment Management Plan Expenditures: Capital Cost: Rs 8,00,000/-/- Recurring Cost: Rs. 2,65,500 /-per annum <table><tr><th>Sl. No.</th><th>Measures</th><th>Exp. Cost_{st} 1 Year</th><th>Exp. Cost_{nd} 2 Year</th><th>Recurring Cost/Year</th></tr><tr><td>1</td><td>Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.</td><td>4,49,550</td><td>4,49,550</td><td>1,35,150</td></tr><tr><td>2</td><td>Pollution Monitoring i) Air pollution ii) Water pollution</td><td>-</td><td>-</td><td>10,000</td></tr><tr><td>3</td><td>Green Belt & Tree Guard</td><td>3,50,450</td><td>3,50,450</td><td>1,20,350</td></tr><tr><td colspan="2">Total</td><td>8,00,000/-</td><td>8,00,000/-</td><td>2,65,500</td></tr></table>				Sl. No.	Measures	Exp. Cost _{st} 1 Year	Exp. Cost _{nd} 2 Year	Recurring Cost/Year	1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	4,49,550	4,49,550	1,35,150	2	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000	3	Green Belt & Tree Guard	3,50,450	3,50,450	1,20,350	Total		8,00,000/-	8,00,000/-	2,65,500
Sl. No.	Measures	Exp. Cost _{st} 1 Year	Exp. Cost _{nd} 2 Year	Recurring Cost/Year																										
1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	4,49,550	4,49,550	1,35,150																										
2	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000																										
3	Green Belt & Tree Guard	3,50,450	3,50,450	1,20,350																										
Total		8,00,000/-	8,00,000/-	2,65,500																										
11.	Green Belt/ Plantation	Expenditure Green Belt Rs 3,50,450 Total green belt will be the 33% of the ML area 0.582 ha of the area will be planted in the both side of the road connected to mine, 7.5 m Statutory barrier and Own khathedari land at village Choki Jhrel in khasra no. 11,5 & out side the Lease area (Part of Govt. land at Village Choki Jheral in Khasra No. 6 & 9). Native specie which are more suitable to the local environment are preferred to be planted such as like Neem (Azadiracta indica), Kala Siras (Albizia chinensis), Mango (Mangifera indica), Khair (Senegalia catechu) etc.																												

				7.5 m Statutory Barrier		Own khathedari land at village Choki Jhrel in khasra no. 11,5 & out side the Lease area (Part of Govt. land at Village Choki Jheral in Khasra No. 6 & 9) NOC issued by Tehsildar Jhalrapatan Letter no. 459 Dated 17/06/2022		Assumed Survival 80%	Replenishment 20 %	Total No. of Trees
				Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees			
		1st Year	291	0.166	166	0.125	125	233		291
		2nd Year	291	0.166	166	0.125	125	233	58	291
		3rd Year							58	
		Total		0.332	332	0.250	250	466	116	582
		Note:- As per O.M. dated 16.01.2020 “The Mining Lease holders shall, after ceasing mining operations, 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.								
12.	Budgetary Breakup for Labour	The information regarding Budgetary breakup for labour has been given in PFR & Power Point Presentation								
		Sr. No.	Facility to be Provided for Laborers				Exp. Cost in Rs. (Fixed)		Exp. Cost in Rs. (Recurring)	
		1.	Drinking water facility				50,000		50,000	
		2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance				50,000		35,000	
		3.	Education for Labours children				50,000		40,000	
		4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.				50,000		35,000	
		Total				2,00,000/-		1,60,000/-		
13.	Present Status :-	LOI Granted								

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Govind , S/o Shri Mohan Lal for EC for Bentonite & Masonary Stone Mining Project, (ML. No.- 09/2021, Reference No. 20211000043912, Area- 1.7639 Hectare, with production capacity: 1,19,999 TPA (ROM) {Saleable Bentonite: 43448 TPA, Saleable Masonry stone: 70,551 TPA, Waste: 6000 TPA}, Khasra No:- 5, 11, at village- Choki Jhrel, Tehsil- Jhalrapatan, District- Jhalawar, Rajasthan (Proposal NO- 269011), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'.

Agenda no.12. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21179)/ 2021-22

Project Name:- Environment Clearance for “Chandma Marble Mining Project, M.L No 133/2021, Production of Mine – 2,00,000 TPA (ROM), Applied Mining lease area – 2.5320 hectare, Khasra No. 51, 1700/51, 50, 1701/51, 1702/52, 52, 102, 103 & 49, Near village– Chandma, Tehsil, Phuliya, Kalana, District- Bhilwara, Rajasthan (**Proposal No- 266149**).

Project Proponent Name:- M/s S.P. Granites, Address- R/o- Office no 01 Rajpura Road, Teshil- Kekri, Distt:- Ajmer, Rajasthan, Email- spgranite2021@gmail.com.

Consultant Name:- M/s Ramji Mine Envirotech, Add:- Plot No. 21, First Floor, Aarna-2 Tower, Kartarpura Industrial Area, Jaipur E-mail:- mkguptarqp@gmail.com, rme.envirotech@gmail.com.

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 20.09.2022 has submitted reply vide letter dated 18.10.2022, received on 19.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted DCF, Bhilwara certificate dated 22.09.2022, which states that there is no National Park/WLS/Conservation Reserve within 10 Km periphery of the applied lease area and nearest forest area is 1200 meter. The PP has also submitted NOC for plantation from Sarpanch, Gram Panchayat Sangari, Sahrura, Bhilwara dated 12.10.2022 along with copy of jamabandi.

The particulars of the project, in brief, as submitted by the PP are as follows:

1	Category /Item No.(In Schedule):	1(a) B2
2	Location of Project	Chandma Granite Mining Project M.L No 133/2021, Near village - Chandma, Tehsil - Phuliya Kalana, District - Bhilwara, Rajasthan
3	Project Details ML. No. / Production Capacity	Khasra No 51, 1700/51, 50, 1701/51, 1702/52, 52, 102, 103 & 49 Applied Mining lease area – 2.5320 hectare Production of Mine - 200000 TPA (ROM) Granite
4	Project Cost:	3.00 Cr.
5	Water Requirement & Source:	4.50 KLD
6	Fuel & Energy:-	0.5 KLD (HSD)
7	Application No. & Date & Document Submitted:-	Proposal No for (266149)
8	Information About Aravalli Certificate.	Aravalli letter was issued by ME Bhilwara vide letter no. ME/Bhilwara/map/ML/133/202/133 on dated 11/02/2022
9	• Date of Air/Water/Noise/Monitoring	06/02/2022
10	Information About 500 mts Composite Map	500 M Map was issued by ME Bhilwara vide letter no. ME/Bhilwara/map/ML/133/202/134 on dated 11/02/2022
11	Environment Management Plan	Proposed EMP Cost :- Capital Cost is 7.138

						Lac & Recurring cost is 2.50 Lac per years.					
	S. No.	Particulars			Capital Cost in RS.				Recurring cost in Rs. per years		
	1	Pollution control (water sprinkling for dust suppression)			--				70000/-		
	2	Pollution monitoring (Air. Water ,Noise, Soil)			--				60,000/-		
	3	Greenbelt			Sr. No	Particulars	Amount	1,10,000/-			
	1				Plant	4,18,000/-					
	2				Tree guard	2,50,800/-					
	3				Water Tanker	15,000					
	4				Maintains & security	10,000					
					Total	6,93,800					
	4	Occupation health			20,000/-				10000/-		
	Total				7,13,800/-				2,50,000/-		
12	Green Belt/ Plantation					6.938 Lac					
	Year	Along the lease boundary		On Backfilled area		Outside the lease area		Top Soil Dumps		Total	
		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees
	2022-23	0.364	364	--	--	0.054	54	--	--	0.418	418
	2023-24	0.364	364	--	--	0.054	54	--	--	0.418	418
	2024-25	Replacement of Plants									
	2025-26	Maintenance of Plants									
	2026-27	Maintenance of Plants									
	Total	0.728	728	--	--	0.108	108	--	--	0.836	836
	<p>❖ Total 836 plants will be planted along the lease boundary and outside lease area (total area 0.836 Hect.) 728 plants will be planted along the lease boundary in an area of 0.728 Hect. (in 7.5 m width & Safety Barrier Zone) & 108 plants will be planted outside lease area, in an area of 0.108 hect., at khasra no.138/1506, 139/1507 at N/V Chandma, Villager panchyat - Sangari, Distt. – Bhilwara Villager panchyat - Sangari, Dist.- Bhilwara has issued NOC vide letter no. GPD/02/2022 dated 12.10.22, for planting in area of 1.02 Hect. Species of plants for planting will be Neem, etc. And in remaining IIIrd to Vth years, replacement & maintenance will be done by project proponent.</p> <p>❖ As per Office Memorandum 16.01.2020: Commitment by PP The mining lease holders shall after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activates and restore the land to a condition which is for growth of fodder, Flora, Fauna etc.” .</p>										
13	Budgetary Breakup For Labor						Proposed Labor Welfare Capital Cost is 0.52 Lac, and Recurring Cost is 0.85 lac.				

S. No.	Facility Provided for Laborers	Capital Cost in RS.	Recurring Cost In RS. Per Year
1.	Drinking water provided by Tanker	--	35,000/-
2.	First Aid Box	2,000	1,000/-
3.	Rest Shelter	27,000/-	12,000/-
4.	Washroom Facilities for laborers	22,000/-	5,000/-
5	Safety Shoes, hand gloves, Dust mask, Ear plugs, Helmet	----	20,000/-
6	Insurance	--	12,000/-
	Total	52,000/-	85,000/-

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to M/s S.P. Granites for Environment Clearance for “Chandma Marble Mining Project, M.L No 133/2021, Production of Mine – 2,00,000 TPA (ROM), Applied Mining lease area – 2.5320 hectare, Khasra No. 51, 1700/51, 50, 1701/51, 1702/52, 52, 102, 103 & 49, Near village– Chandma, Tehsil, Phuliya, Kalana, District- Bhilwara, Rajasthan (**Proposal No- 266149**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’.

Agenda no.13 . File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2(20320)/ 2021-22

Project Name- EC for Mining project Ladpacha Quartz & Feldspar Area, Plot No. 22/2021, Area-4.2571 hect., Production capacity: 333333 TPA (ROM) {saleable: 200000 TPA; Waste: 100000 TPA; Subgrade : 33333 TPA} at Khasra No. 1042, Add.- Village-ladpacha, Tehsil-Railmagra, Dist-Rajsamand, Rajasthan, **(Proposal No-254271).**

Project Proponent Name- M/s Nirek Mines And Minerals Llp, Add- R/O- K-16, Govind Nagar, Housing Board, Devriya House, Rajsamand, Rajasthan, Email- nmamllp@gmail.com.

Consultant Name:- R.K. Consultants 17 E/777, C.H.B, Jodhpur (Raj.), Email:- rkconsultantsjodhpur@gmail.com.

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 08.04.2022 has submitted reply vide letter dated 18.10.2022, received on 19.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted the reply. PP has submitted a copy of letter dated 28.03.2022 to District Collector, Rajsamand, Government of Rajasthan regarding surrender of land equivalent to charagah land as per Rajasthan Tenancy (Government) Rules, 1955 Rule 7. He has further stated in his reply dated 18.10.2022 that Collector, Rajsamand has forwarded the matter to SDM, on which SDM sought NOC from Gram Panchayat, Gawardi. Gram Panchayat, Gawardi has issued the desired NOC dated 01.07.2022. Thus the diversion process of Charagah land has been started.

The particulars of the project, in brief, as submitted by the PP are as follows:

1	Category / Item no. (in Schedule):	1(a) B2 S.No. in Agenda 17															
2	Location of Project	Village –Ladpacha Tehsil–Railmagra District– Rajsamand(Raj.) Latitude&Longitude <table><tr><th>Pillars</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>24° 57' 25.89113"</td><td>74° 05' 19.35859"</td></tr><tr><td>B</td><td>24° 57' 22.9479"</td><td>74° 05' 27.24604"</td></tr><tr><td>C</td><td>24° 57' 16.67394"</td><td>74° 05' 27.29211"</td></tr><tr><td>D</td><td>24° 57' 19.61709"</td><td>74° 05' 19.40478"</td></tr></table>	Pillars	Latitude	Longitude	A	24° 57' 25.89113"	74° 05' 19.35859"	B	24° 57' 22.9479"	74° 05' 27.24604"	C	24° 57' 16.67394"	74° 05' 27.29211"	D	24° 57' 19.61709"	74° 05' 19.40478"
Pillars	Latitude	Longitude															
A	24° 57' 25.89113"	74° 05' 19.35859"															
B	24° 57' 22.9479"	74° 05' 27.24604"															
C	24° 57' 16.67394"	74° 05' 27.29211"															
D	24° 57' 19.61709"	74° 05' 19.40478"															
3	Project Details	Plot No. 22/2021 Area-4.2571Hect., Khasra No. 1042.															

	Lease No. /Production capacity	Production –333333 TPA ROM (Quartz & Feldspar-200000TPA + Mineral waste- 100000TPA + Subgrade Mineral- 33333TPA) (Mentioned on Page no-1 of FORM-1)
4	Project Cost:	Rs. 120 Lacs
5	Water Requirement & Source	Total water requirement is about 3-4KLD
6	Fuel &Energy: -	Only diesel will be required to run vehicles for transportation. No electricity will be needed in the proposed project.
7	Reference No. & Date & documents submitted: -	Ref. No. Nil&NA Documents- Form-1, PFR & Approved mining plan with Annexure
8	Information about Aravalli Certificate.	Area is not falling in Aravalli Hill Ranges issued by DMGRajsamandvide letter No.ME/Raj-II/Map/Auction plot/22/2021/136 dated 26.11.2021 (Letter enclosed with Checklist.)
9	Date of Air/Water/ Noise Monitoring	15.01.2022 (Test Reports enclosed with Checklist.)
10	Information about 500 mts composite map	Total lease area within 500 mts is 4.0571hect. issued by DMG, Rajsamand vide letter no. ME/Raj-II/Map/Auction plot/22/2021/137 dated 26.11.2021(Cluster Map& Certificate enclosed with Checklist.)
11	Environment Management Plan	Expenditure of EMP Rs4,50,000/-

S.No.	Particulars	Capital Cost	Amount (in Rs./Year)
1.	Pollution Control Air a. water sprinkling for dust suppression b. downwind direction cover by Net	-	60000/-
2.	Pollution Monitoring a. Air sampling stations & analysis b. Water Quality Analysis c. Noise & Vibration Monitoring d. Soil Quality Analysis	-	70000/-
3.	Greenbelt development (Tree Guards, Re-sapling Plantatio Its Maintenance etc.)	450000/-	120000/-
4	Progressive reclamation of Mine Pit	-	60000/-
5	Maintenance of approach Road	-	80000/-

6	Occupational Health & Safety				-		60000/-	
TOTAL					4,50,000/-		4,50,000/-	

12	CSR /ESR Activates		Expenditure of CSR Rs 200000/-						
13	Green Belt/ Plantation		Expenditure of Green Belt Rs. 120000/-						

Year	Peripheral area		Backfilled area		outside Area		Total		Type of plants Neem, Shesum, Dhak, Desi and similar type of species which can grow easily in this area.
	Area (Ha.)	Trees	Area (Ha.)	Trees	Area (Ha.)	Trees	Area (Ha.)	Trees	
2022-23	0.2913	290	-	-	0.4075	410	0.6988	700	
2023-24	0.2912	290	-	-	0.41	410	0.7012	700	
2024-25	Replacement & Maintenance								
2025-26	Replacement & Maintenance								
2026-27	Replacement & Maintenance								
Total	0.5825	580	-	-	0.8175	820	1.40	1400	

Note:-As per O.M. dated 16.01.2020 “The Mining Lease holders shall, after ceasing mining operations, 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.”

total 1.40hectare area will be covered under plantation where 0.5825hac. on boundary barrier &0.8175* hect outside of the applied area Khasara No.1042 (Outside plantation NOC issued by Tehsildar Railmagra letter no.1200 dated 25/03/2022)

14	Budgetary Breakup for Labour		Expenditure of Labor Rs75,000/-						
----	------------------------------	--	---------------------------------	--	--	--	--	--	--

Particulars							Total Expenditure as proposed by Project Proponent	
Rest Shelters							Rs. 15,000/-	
Medical aid for the laborers and their families							Rs. 15000/-	
Provision of Drinking water							Rs. 7500/-	
Provision for clean sanitation for laborers and their families							Rs. 10000/-	
Provision for Educational facilities for children etc.							Rs. 10000/-	
Fuel for cooking							Rs. 8500/-	
Creche							Rs. 4000/-	
Recreation							Rs. 5000/-	

Total		Rs. 75,000/-	
15	Present Status: -	Fresh LOI Area	

The Committee gone through the reply, with regard to the condition No. 06 mentioned in the LOI and provisions of Rajasthan Tenancy Rules regarding diversion of charagah land. The committee deliberated on the issue and found that the onus of compliance of land policy and Rajasthan Tenancy Rules lies with the Mining Department in this case hence conditional LOI issued by the concerned department. Recommendation for EC is an intermediate process for implementation of the project. Mining Department has issued LOI with a condition which is to be complied with at the time of final execution of the lease deed. In the light of above fact committee is of the view that in such cases recommendation to grant EC may be made with certain stipulations based on the following grounds:-

1. Condition of diversion of Charagah land has already been put in LOI by Mining Department as per Rajasthan Tenancy Rules.
2. EC has been granted by MoEF & CC in similar case where Charagah land was involved.
3. The PP has started the process of diversion of Charagah land.

In light of the above discussion the committee resolved to recommend to SEIAA to grant EC to M/s Nirek Mines And Minerals L.L.P. for Mining project Ladpacha Quartz & Feldspar Area, Plot No. 22/2021, Area- 4.2571 hect., Production capacity: 333333 TPA (ROM) {saleable: 200000 TPA; Waste: 100000 TPA;Subgrade : 33333 TPA} at Khasra No. 1042, Add.- Village-ladpacha, Tehsil-Railmagra, Dist-Rajsamand, Rajasthan, **(Proposal No-254271)**, with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A' along with the following additional condition:

- 1. The Mining Department will grant the lease only after ensuring the compliance of the condition No. 06 laid down in LOI and the provisions of Rajasthan Tenancy Act and Rules otherwise the EC will stand revoked.**

Agenda no. 14. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2(20403)/ 2021-22

Project Name- EC for mining project of Khatukada Quartz & feldspar area, plot no. 20/2021, , Lease area of 4.0571 ha., Production capacity: 334396 TPA (ROM) {saleable: 200637.6 TPA; Waste: 100318.8 TPA;Subgrade : 33439.6 TPA} at khasra no. 1, near village khatukada, tehsil- Railmagra, Distt:- Rajsamand in Rajasthan (**Proposal No:- 254294**)

Project Proponent Name:- M/S Encore Empowerment Private Limited , Add:- 28, Ground Floor, Shree Niketan, Ashok Nagar Udaipur, Rajasthan, Email:- encorepl202021@gmail.com

Consultant Name:- R.K. Consultants-17 E/777, C.H.B, Jodhpur (Raj.), Email:- rkconsultantsjodhpur@gmail.com.

Observations and Resolution of the Committee:

The PP, in response to the query made by SEAC vide letter dated 08.04.2022 has submitted reply vide letter dated 18.10.2022, received on 19.10.2022. The SEAC in its 5A.32th meeting held on 07 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted the reply. PP has submitted a copy of letter dated 28.03.2022 to District Collector, Rajsamand, Government of Rajasthan regarding surrender of land equivalent to charagah land as per Rajasthan Tenancy (Government) Rules, 1955 Rule 7. He has further stated in his reply dated 18.10.2022 that Collector, Rajsamand has forwarded the matter to SDM, on which SDM sought NOC. Thus the diversion process of Charagah land has been started.

The particulars of the project, in brief, as submitted by the PP are as follows:

S.No	Category / Item no. (in Schedule):	1(a) B2 S.No. in Agenda 18															
1.	Location of Project	Village –Khatukada Tehsil–Railmagra District– Rajsamand (Raj.) Latitude&Longitude <table><tr><th>Pillars</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>24° 55' 25.99141"</td><td>74° 01' 29.5056"</td></tr><tr><td>B</td><td>24° 55' 15.06229"</td><td>74° 01' 25.78758"</td></tr><tr><td>C</td><td>24° 55' 16.16894"</td><td>74° 01' 23.05003"</td></tr><tr><td>D</td><td>24° 55' 27.32849"</td><td>74° 01' 24.27571"</td></tr></table>	Pillars	Latitude	Longitude	A	24° 55' 25.99141"	74° 01' 29.5056"	B	24° 55' 15.06229"	74° 01' 25.78758"	C	24° 55' 16.16894"	74° 01' 23.05003"	D	24° 55' 27.32849"	74° 01' 24.27571"
Pillars	Latitude	Longitude															
A	24° 55' 25.99141"	74° 01' 29.5056"															
B	24° 55' 15.06229"	74° 01' 25.78758"															
C	24° 55' 16.16894"	74° 01' 23.05003"															
D	24° 55' 27.32849"	74° 01' 24.27571"															
2.	Project Details Lease No.	Plot No. 20/2021 Area-4.0571Hect., Khasra No. 1. Production –334396 TPA ROM															

	/Production capacity	(Quartz & Feldspar:- 200637.6TPA + Mineral waste:- 100318.8TPA + Subgrade Mineral:- 33439.6TPA) (Mentioned on Page no-1 of FORM-1)		
3.	Project Cost:	Rs. 120 Lacs		
4.	Water Requirement & Source	Total water requirement is about 3-4KLD		
5.	Fuel & Energy: -	Only diesel will be required to run vehicles for transportation. No electricity will be needed in the proposed project.		
6.	Reference No. & Date & documents submitted: -	Ref. No. Nil&NA Documents- Form-1, PFR & Approved mining plan with Annexure		
7.	Information about Aravalli Certificate.	Area is not falling in Aravalli Hill Ranges issued by DMGRajsamandvide letter No.ME/Raj-II/Map/Auction plot/20/2021/139 dated 26.11.2021 (Letter enclosed with Checklist.)		
9	Date of Air/Water/ Noise Monitoring	15.01.2022 (Test Reports enclosed with Checklist.)		
10	Information about 500 mts composite map	Total lease area within 500 mts is 4.0571hect. issued by DMG, Rajsamand vide letter no. ME/Raj-II/Map/Auction plot/20/2021/141 dated 26.11.2021(Cluster Map& Certificate enclosed with Checklist.)		
11	Environment Management Plan	Expenditure of EMP Rs4,50,000/-		
	S.No.	Particulars	Capital Cost	Amount (in Rs./Year)
	1.	Pollution Control Air c. water sprinkling for dust suppression d. downwind direction cover by Net	-	60000/-
	2.	Pollution Monitoring e. Air sampling stations & analysis f. Water Quality Analysis g. Noise & Vibration Monitoring h. Soil Quality Analysis	-	70000/-
	3.	Greenbelt development (Tree Guards, Re-sapling Plantation Its Maintenance etc.)	450000/-	120000/-

4	Progressive reclamation of Mine Pit	-	60000/-
5	Maintenance of approach Road	-	80000/-
6	Occupational Health & Safety	-	60000/-
TOTAL		4,50,000/-	4,50,000/-

12	CSR /ESR Activates	Expenditure of CSR Rs 200000/-							
13	Green Belt/ Plantation	Expenditure of Green Belt Rs. 120000/-							

	Year	Peripheral area		Backfilled area		outside Area		Total		Type of plants
		Area (Ha.)	Trees	Area (Ha.)	Trees	Area (Ha.)	Trees	Area (Ha.)	Trees	Neem, Shesum, Dhak, Desi and similar type of species which can grow easily in this area.
	2022-23	0.3529	350	-	-	0.3141	315	0.667	665	
	2023-24	0.3530	350	-	-	0.32	320	0.673	670	
	2024-25	Replacement & Maintenance								
	2025-26	Replacement & Maintenance								
	2026-27	Replacement & Maintenance								
	Total	0.7059	700	-	-	0.6341	635	1.34	1340	

Note:-As per O.M. dated 16.01.2020 “The Mining Lease holders shall, after ceasing mining operations, 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.”

Total 1.34 hectare area will be covered under plantation where 0.7059 hac. on boundary barrier 0.6341 hectare outside area, Khasara No.1 (Outside plantation NOC issued by Tehsildar Railmagra vide letter no.1199 dated 25/03/2022)

14	Budgetary Breakup for Labour	Expenditure of Labor Rs75,000/-							
----	------------------------------	---------------------------------	--	--	--	--	--	--	--

Particulars		Total Expenditure as proposed by Project Proponent	
Rest Shelters		Rs. 15,000/-	
Medical aid for the laborers and their families		Rs. 15000/-	
Provision of Drinking water		Rs. 7500/-	
Provision for clean sanitation for laborers and their families		Rs. 10000/-	
Provision for Educational facilities for children etc.		Rs. 10000/-	
Fuel for cooking		Rs. 8500/-	
Creche		Rs. 4000/-	
Recreation		Rs. 5000/-	
Total		Rs. 75,000/-	

15	Present Status:	Fresh LOI Area
	-	

The Committee gone through the reply, with regard to the condition No. 06 mentioned in the LOI and provisions of Rajasthan Tenancy Rules regarding diversion of charagah land. The committee deliberated on the issue and found that the onus of compliance of land policy and Rajasthan Tenancy Rules lies with the Mining Department in this case hence conditional LOI issued by the concerned department. Recommendation for EC is an intermediate process for implementation of the project. Mining Department has issued LOI with a condition which is to be complied with at the time of final execution of the lease deed. In the light of above fact committee is of the view that in such cases recommendation to grant EC may be made with certain stipulations based on the following grounds:-

1. Condition of diversion of Charagah land has already been put in LOI by Mining Department as per Rajasthan Tenancy Rules.
2. EC has been granted by MoEF & CC in similar case where charagah land was involved.
3. The PP has started the process of diversion of charagah land.

In light of the above discussion the committee resolved to recommend to SEIAA to grant EC to In light of the above discussion the committee resolved to recommend to SEIAA to grant of EC to M/S Encore Empowerment Private Limited for mining project of Khatukada Quartz & feldspar area, plot no. 20/2021, Lease area of 4.0571 ha., Production capacity: 334396 TPA (ROM) {saleable: 200637.6 TPA; Waste: 100318.8 TPA;Subgrade : 33439.6 TPA} at khasra no. 1, near village khatukada, tehsil- Railmagra, Distt:- Rajsamand in Rajasthan **(Proposal No:- 254294)**, with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A' along with the following additional condition:

- 1. The Mining Department will grant the lease only after ensuring the compliance of the condition No. 06 laid down in LOI and the provisions of Rajasthan Tenancy Act and Rules otherwise the EC will stand revoked.**

1. Statutory compliance:

- i. This Environmental Clearance (EC) is subject to orders/ directions of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, as is applicable.
- ii. The Project proponent complies with all the statutory requirements and judgments of Hon'ble Supreme Court dated 2nd 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 Department of Mines & Geology, Government of Rajasthan (DMG, GoR) 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 Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
- iv. **In case the project falls within a distance of 10 Km from the boundary of a National Park/ Wildlife Sanctuary, wherein final ESZ Notification has not been issued 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.**
- v. This Environmental Clearance shall become operational only after receiving formal SCNBWL Clearance from Ministry of Environment, Forest & Climate Change, (MoEF & CC), Government of India (GoI) subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.
- vi. This Environmental Clearance shall become operational only after receiving Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.
- vii. Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish/ Consent to Operate from the State Pollution Control Board.
- viii. The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & 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 (IBM) from time to time.
- ix. 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 thereunder in respect of lands which are not owned by it.

- x. The Project Proponent shall follow the mitigation measures provided in MoEF CC's 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".
- xi. 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.
- xii. A copy of EC letter will be marked to concerned Panchayat/ local NGO etc. if any, from whom suggestion/ representation has been received while processing the proposal.
- xiii. State Pollution Control Board shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
- xiv. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board and website of the Department of Environment, Govt. of Rajasthan, RSPCB for compliance and record.
- xv. The Project Proponent shall inform the MoEF & CC/ SEIAA for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred then mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
- xvi. Consequent upon the Notification of Rajasthan Minor Mineral Concession (Second Amendment), Rules, 2022, the Mining Department will ensure that before commencement of mining operations (at the time of issuing Ravana), if the mining lease forms a cluster of more than 5.0 ha., in accordance with EIA notifications dated 15.01.2016 and 01.07.2016, then mining operations will be commenced only after EIA/EMP study and public hearing for the entire cluster. The EC issued under category 'B2' will stand revoked and Mining Department will further ensure that fresh EC under 'B1' category be obtained by such mining lease holder (s).
- xvii. 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 the mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

- xviii. 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 project proponent.
- xix. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/MoEF & CC 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 include additional environmental protection measures required, if any.
- xx. The EC is liable to be rejected/ revoked, in case it is found that the PP has deliberately concealed and/or furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.
- xxi. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF & CC, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be extended 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, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
- xxii. 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.
- xxiii. 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.
- xxiv. The PP shall obtain prior clearance from forestry and wildlife aspects 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 Wildlife clearance shall be granted to the project by the concerned authorities. Proposals for forestry and wildlife clearance will be considered by the concerned authorities on its merits and decision taken accordingly. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wildlife aspects shall be entirely at the cost and risk of the PP and MOEF & CC/SEIAA/ SEAC/ DOE shall not be responsible in this regard in any manner.
- xxv. The SEIAA, Rajasthan may revoke or suspend the Environmental Clearance, if implementation of any of the above conditions is not satisfactory.
- xxvi. 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/ unit/ industry along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA/ RSPCB by e-mail as well as hard copy duly signed by competent person of company.

- xxvii. 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.
- xxviii. The PP shall spend the various amounts in the respective heads as mentioned in Annexure G.
- xxix. Drills shall either be operated with dust extractors or equipped with water injections system.
- xxx. Data on ambient air quality and stack emissions should be submitted to Rajasthan State Pollution Control Board once in six months. The monitoring/ sampling and analysis are to be carried out by MOEF/ NABL/ CPCB/ RSPCB/ Government approved lab.
- xxxi. Blasting operations, if permitted, should be carried out only during the daytime with safe blasting parameters.
- xxxii. The PP shall carry out mining activities with open cast method. The PP to undertake underground mining only if permitted specifically.
- xxxiii. In the project related to Bajri mining the PP shall follow the 'Sustainable Sand Mining Guidelines 2016' and 'Enforcement and Monitoring Guidelines for Sand Mining, 2020' 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 only manually or semi mechanized method as provided under the 'Sustainable Sand Mining Management Guidelines, 2016' and 'Enforcement and Monitoring Guidelines for Sand Mining, 2020'.
- xxxiv. 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. Air quality monitoring and preservation:

- i. The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM₁₀, PM_{2.5}, NO₂; CO and SO₂ etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I. dated 18.11.2009 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. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.

- 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 of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF & CC/ Central Pollution Control Board.

3. 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 and MoEF & CC 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. Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug well located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
- iii. 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. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
- iv. The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. 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. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEF & CC. 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 Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six –monthly basis.

- v. Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Dissolved Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No.I-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
- vi. 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 Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEF & CC annually.
- vii. 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.
- viii. The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF & CC and State Pollution Control Board.

4. Noise and vibration monitoring and prevention:

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

- iii. 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 it has been found that workers/ personals/ laborers are working without personal protective equipment.
- iv. 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.

5. 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/ SEIAA, 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 form 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. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office, MoEF & CC/ SEIAA/ SPCB for record and verification.
- 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-a-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. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self- sustaining. The compliance status shall be submitted half-yearly to the MoEF & CC/ SEIAA/ SPCB and its concerned Regional Office.

6. 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.
- ii. The reject/waste generated during the mining operations shall be stacked 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 run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. 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 slope stability report shall be submitted to concerned regional office of MoEF & CC/ RSPCB.
- vi. 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 drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
- vii. 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/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.

- viii. 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.

7. 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 will also be done regularly. Vehicular emissions 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.

8. Green Belt:

- i. The Project Proponent shall develop greenbelt in 7.5m 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 whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the

Ministry/ SEIAA irrespective of the stipulation made in approved mine plan.

- ii. 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. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
- iii. 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 and plantation of such trees should be promoted.
- iv. The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wild Life Warden of the State Govt.
- v. And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry/ SEIAA.

9. 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. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like nr, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be taken. A status report on the same may be sent to MoEF & CC/ SEIAA/ Regional Office and DGMS on half-yearly basis.
- ii. The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the HRA. The HRA for neighborhood has to focus on

Public Health Problems like Malaria, Tuberculosis, HIV, Anaemia, Diarrhoea in children under five, respiratory infections due to bio mass cooking. 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 (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 Proponent shall carry out Occupational health surveillance which be a part of HRA and include Biological Monitoring where practical and feasible, and the tests and investigations relevant to the exposure (e.g. for Dust a X-Ray chest; For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologic Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) Estimation in Blood; For Inorganic Chromium- Fortnightly skin inspection of hands and forearms by a responsible person. Except routine tests all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must be kept for 30 years, including the results of and the records of Physical examination and tests. The record of exposure due to materials like Asbestos. Hard Rock Mining, Silica, Gold, Kaolin, Aluminium. Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one). X-Ray must meet ILO criteria (17 x14 inches and of good quality).
- iv. The Proponent shall maintained a record of performance indicators for workers which includes (a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5 -24.9, (b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities ,(c) At the end of their leaving job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1), Forced Vital Capacity (FVC), and the ratio) unless they are smokers which has to be adjusted, and the effect of age, (d) their hearing should not be affected. As a proof an Audiogram (first and last need to be presented), (e) they should not have developed any Persistent Back Pain, Neck Pain, and the movement of their Hip, Knee and other joints should have normal range of movement, (f) they should not have suffered loss of any body part. The record of the same should be submitted to the Regional Office, MoEF & CC/ SEIAA annually along with details of the relief and compensation paid to workers having above indications.
- v. 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.
- vi. Project Proponent shall make provision for the housing for workers/labors or

shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.

- vii. 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.

10. 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 MoEF & CC/ SEIAA/ SPCB.
- ii. The Project Authorities should inform to the SEIAA/ 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 reports 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. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF & CC/ SEIAA/ SPCB.
- v. The MoEF & CC/ SEIAA/ SPCB shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF & CC/ SEIAA/ SPCB officer(s) by furnishing the requisite data / information / monitoring reports.
- vi. Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the MoEF & CC/ SEIAA/ SPCB and its concerned Regional Office.

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.
2. The processes like blasting, drilling, excavation, transport and haulage resulting into noise, should be carried out in such an manner so that such activities do not disturb wild animals and birds particularly during sunset to sunrise. The level of noise should be kept within the permissible limits.
3. The mining activity should not create any obstacle in the way of free movement of wildlife and adversely affect wildlife corridors.
4. The mineral waste/ slurry should be dumped only at the designated places only and such waste dumps should be reclaimed in accordance with the conditions of the mining plan/ consent issued by the RSPCB under the Water and Air act.
5. The PP shall cooperate with the concerned DCF, Wildlife in their efforts towards protection and conservation of wildlife in the Sanctuary/ Park.
6. The PP shall ensure that the transporter and labor employed by him should not damage flora and fauna in the ESZ and the Wildlife Sanctuary/ National Park.

Specific Conditions applicable, in the cases of violation in terms of the Notification dated 14.3.2017 and 8.3.2018 and OM's 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 be 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.

ANNEXURE-“B”

**TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT
IMPACT ASSESSMENT STUDY FOR NON-COAL MINING PROJECTS AND
INFORMATION TO BE INCLUDED IN EIA/EMP REPORT**

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the **Proponent** is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the **Proponent** Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be

prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project **Proponent** regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.

- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 26) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 27) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central

Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

- 28) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 29) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 30) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 31) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project **Proponent** shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 32) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 33) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 34) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 35) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 36) Measures of socio economic significance and influence to the local community proposed to be provided by the Project **Proponent** should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

- 37) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 38) Public Hearing points raised and commitment of the Project **Proponent** on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 39) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 40) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 41) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 42) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 43) Besides the above, the below mentioned general points are also to be followed:-
- a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project **Proponent** shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - g) While preparing the EIA report, the instructions for the **Proponents** and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
 - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing

operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.

j) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

Specific ToR in the cases of cluster situation:

1. The PP shall conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.
2. The EIA/EMP shall be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The PP shall get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports.

Specific ToRs applicable, in the cases of violation of EIA Notification 2006 in terms of OM dated 07.7.2021 of the MoEF & CC :

1. The PP shall undertake assessment of ecological damage, remediation plan and natural and community resource augmentation plan. Such plan shall be prepared as an independent chapter in the Environment Impact Assessment report. The report shall be prepared by the accredited consultant. Collection and analyses of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986 or an environmental Laboratory, accredited by the National Accreditation Board for Testing and Calibration Laboratories or a Laboratory of the Council of Scientific and Industrial Research Institution working in the field of environment.
2. The Environment Management Plan shall comprise remediation plan and natural and community resource augmentation plan corresponding to ecological damage assessed and economic benefit derived due to the violation.
3. The PP shall undertake Final Environment Impact Assessment and prepare Final Environment Management Plan after conducting Public Hearing.
4. The PP shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the State Pollution Control Board and the PP shall deposit the bank guarantee prior to the grant of Environmental Clearance and which shall be released after successful implementation of the remediation plan and natural and community resource augmentation plan and after recommendation by Regional Office of the Ministry, State Level Expert Appraisal Committee and approval of SEIAA.
5. 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 dated the 2nd 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 in future.

6. In case of violation of above undertaking, the Environmental Clearance shall be liable to be terminated forthwith as per OM dated 30.5.2018 of the MoEF&CC.
7. The Environmental Clearance will not be operational till such time the project **Proponent** complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.
8. State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining is paid by the Project **Proponent** through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

The validity period of this ToRs letter would be for a period of four years from the date of dispatch of the ToRs letter.

S. No	Items in the letter of the ToRs	Reply / Response by the PP
-------	---------------------------------	----------------------------