

### Minutes of the 5B.45<sup>th</sup> Meeting of the State Level Expert Appraisal Committee, (Raj.)

The 5B.45<sup>th</sup> meeting of the State Level Expert Appraisal Committee, Rajasthan constituted for considering Environmental Clearance projects (B-Category) under GoI Notification 12.10.2021 was held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** at **10:30 AM** under the Chairmanship of Shri Ishaq Ahmed Mughal. The meeting was convened in hybrid mode (physical as well as virtual mode). Following members attended the meeting -

Sl. No.	Name	Designation	10/04/2023	11/04/2023	12/04/2023	13/04/2023
1	Shri Ishaq Ahmed Mughal	Chairman	Attended	Attended	Attended	Attended
2	Shri Ajay Kumar Gupta	Member	Attended	Attended	Attended	Attended
3	Shri Rakesh Mathur	Member	Attended	Attended	Attended	Attended
4	Dr. Suresh Kumar Singh	Member	Attended	Attended	Attended	Attended
5	Dr. Anil Vyas	Member	Attended	Attended	Attended	Attended
6	Shri Mahesh ChandraSharma	Member	Attended	Attended	Attended	Attended
7	Shri Satish Kumar Sharma	Member	Attended	Attended	Attended	Attended
8	B.S Sodha	<b>Co-opted Member</b>				Attended
9	Shri Amit Juyal	Member Secretary	Attended	Attended	Attended	Attended

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

Committee confirmed the Minutes of the **5B.44<sup>th</sup> Meeting** held between **27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> March, 2023** at **10:30 AM** through Hybrid Mode. The Committee, having taken note that final minutes were issued after incorporating comments offered by the members on the minutes and noted that no request has been received for modifications/factual correction, in the minutes and confirmed the same.

The Committee considered the following 30 proposals and Additional 9 proposals of agenda with the permission of Chairman of the Committee as per details below.

**First Day (10.04.2023 Monday)**

S. No.	File No	Proposal No.	Proposal Details	Proponent Name	Consultant Details	Proposal type
1.	22562	414936	ToR for Feldspar & Masonry Stone Mining Project (Lease Area-4.0ha. And M.L. No.-19/2001, Khasra No-313/993,313,308,312,307,741,483,486,311 with Production Capacity of 4,07,600 TPA (ROM), Add.- Village-Kaliba Ki Dhani, Tehsil-Kotputali, District- Jaipur (Raj.)	Sh. Dinesh Kumar Bagda S/o Sh. Prabhu Narayan , R/o :-CC Road, Pradhan Nagar, Plot No.-04 Jaipur, Raj. Email-ddineshkumarr2022@gmail.com	M/S Mantras Green Resources Ltd. Address: Hall No.- 1 Nice Sankul Plot No.- A-9, Opp. Nasik Merchant Co Op Bank Ltd, Iti Signal, Midc Satpur, Nasik Email-Mantrasjaipur@Gmail.Com	ToR B1
2.	21941	266828	EC for Granite Mining Project, Lease Area-1.56 ha, ML No.- 40/1999, Production Capacity-79,996 TPA (ROM) Khasra No.-34/1058, Village-Lakha, Tehsil-Fatehgarh, District-Jaisalmer, Rajasthan	M/s Shraddha Jain, Smt. Rashi Raman (Lessee) Address-Lakha, Tehsil- Fatehgarh, District- Jaisalmer, (Raj.), Email-rashiraman40192@gmail.com	M/S Mantras Green Resources Ltd. Address: Hall No.- 1 Nice Sankul Plot No.- A-9, Opp. Nasik Merchant Co Op Bank Ltd, Iti Signal, Midc Satpur, Nasik Email-Mantrasjaipur@Gmail.Com	EC (B2) (Defer Proposal)
3.	21942	266908	EC for Granite Mining Project, Lease Area-3.00 ha, ML No.- 192/2003, Production capacity-1,58,200 TPA (ROM) Khasra No.- 34, Village-Lakha, Tehsil-Fatehgarh, District-Jaisalmer, Rajasthan	M/s Shraddha Jain, Smt. Rashi Raman (Lessee) Address-Lakha, Tehsil- Fatehgarh, District- Jaisalmer, (Raj.) Email-rashiraman40192@gmail.com	M/S Mantras Green Resources Ltd. Address: Hall No.- 1 Nice Sankul Plot No.- A-9, Opp. Nasik Merchant Co Op Bank Ltd, Iti Signal, Midc Satpur, Nasik Email-Mantrasjaipur@Gmail.Com	EC (B2) (Defer Proposal)
4.	22563	412332	ToR For Proposed Enhancement in	M/s. Kanheya Minerals,	M/s-Vitasta Enviro Services Pvt. Ltd., G-2, Shubh Sneh, Plot	ToR B1

			Existing Production Capacity of Red Ochre Yellow Ochre & Inclusion of Mineral Masonry Stone Mining Project; Production Capacity of 66,000 TPA (ROM) {Red Ochre & Yellow Ochre} to 4,93,823 TPA (ROM) [Proposed Production Capacity of mineral Red Ochre & Yellow Ochre: 72,770 TPA (ROM) {Saleable Mineral:- 61,855 Tonnes, M.L. No.-01/1994, M.L. Area:- 4.90 Hect. (Govt. Land)Near Village – Ballabgarh, Karwan & Ghatri, Tehsil- Bhusawar, District- Bharatpur (Raj.)	Suppliers, R/o- Ballabgarh, Tehsil- Weir & District-Bharatpur (Raj.) Email - kanhaiyaminerals.2022@gmail.com	No-18, G-2, Scheme No-3, Ved Vatika, New Sanganer Road, Jaipur, Rajasthan-302019, Email - Vitastaenviro@Hotmail.Com	
5.	22249	411444	EC for Granite Mining Project M. 1 No.- 29/2021 , Ref. No- 20211000045594 Area:- 1.0009 Hect., Khasra No.:- 1317 , (Pvt. Land); Near village :-Naya Sanwara , Tehsil:- Pindwara , Dist.:- Sirohi (Raj.)	M/s. Govardhan Granites, Partners:- 1 Shri Ishwar Singh S/o Shri Prem Singh (Authorized Signatory) 2 Sumer Singh S/o Shri Dalpat Singh 3 Mukesh kumar S/o Shri Achala Ram Solanki 4 Shri Shankar Lal S/o Shri Thana Ram ji Address R/o- Naya Sanwara Tehsil- Pindwara, Dist.- Sirohi (Raj.),Email-	M/S-Vitasta Enviro Services Pvt.Ltd ,Jaipur,Email- Vitastaenviro@Hotmail.Com	ToR (B1) (Defer Proposal)

<b>6.</b>	21776	287824	EC for Expansion of Quartz & Feldspar Mine, Production Capacity- 45318 TPA to 3, 28,320 TPA of ROM (Mineral = 2, 62,656 TPA + Reject = 65,664 TPA); ML No. - 21A/2009 (Old No. 21/2009), Area - 4.7525 ha., Khasra No.- 21A/2009 Add.- Village- Nayagaon, Tehsil- Masuda, District- Ajmer (Rajasthan)	M/s S R Minerals Impex, Smt. Sunita Mantri, Address- 92, Heera Nagar -1, Near Shalimar Bagh, Ajmer Road, Jaipur, Rajasthan Email- srmineralsimpex7@gmail.com	M/S Enkay Enviro Services Pvt. Ltd. Address- 92 Heera Nagar-A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj.) Email- Info@Enkayenviro.Com	EIA (B1) (Defer Proposal)
<b>7.</b>	21772	78356	ToR for “Selu Masonary Stone & Dolomite Mine Silica Sand & Masonary Stone Mine” ML No. 16/2019, ML Area 1.9611 ha, Khasra No. 252/1, 257, 258 and 259 total Cluster Area 6.5252 ha., Add.-village- Selu, Tehsil- Badgaon, District- Udaipur, (Raj)	Shiv Lal Meena, Add.- Village- Ariya Fala, Dakan Kotra, Tehsil- Girwa, Udaipur, (Raj.)	M/s-Envirogreen Consultants (India) Private Limited, Add.- 1-B, Machhla Magra, Near Patel Circle, Udaipur, Email- Info@Egcipl.Com	ToR (Defer Proposal)
<b>8.</b>	<b>20895</b>	73776	EIA/EMP in entire cluster of Cluster no-02 “Dari” Granite Mine, Total Cluster Area-18.0 Hectare, Total Cluster Production Capacity- 3,97,850 TPA (ROM), Total Applied Existing Area- 3.0 Hectare, M.L no-08/2014, Khasra no- 583/13 with Expansion in Production capacity in Earlier EC granted- from 17,453 TPA (ROM) to 1,00,000 TPA (ROM), in favor of M/S	M/S SHYAM MINERALS, Address-Magh Colony, Tehsil- Bhinmaal, District- Jalore Rajasthan, Email- <a href="mailto:shyam40minerals@gmail.com">shyam40minerals@gmail.com</a>	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	EIA (Defer Proposal)

			Shree Shyam Minerals, located Near Village- Dari, tehsil- Pali, District- Pali, Rajasthan.			
9.	22123	404060	EC for Masonary Stone , Gravel & Murrum Mining Project Ref. No.-202110000043970, Area-2.2216 Ha., Location: Khasra No.- 563/41 Near village- Benatha Jogaliya , Tehsil-Bidasar, District- Churu (Rajasthan)	Smt. Puspa Devi W/o Sh. Madan Singh. Correspondence Address – 1213 Gali No. 04, Hanumanhattha, Tehsil & District: Bikaner (Raj.) Email- pd0257159@ga il.com	M/S-Parivesh Environmental Engineering Services Regd. Address:- 5/916, Viram Khand, Gomati Nagar, Lucknow, Uttar Pradesh Email Id: - Somilenviro@Gmail. Com	EC (B2) (Defer Proposal)

**Second Day (11.04.2023 Tuesday)**

S. No.	File No	Proposal No.	Proposal Details	Proponent Name	Consultant Details	Proposal type
10.	22539	416260	Environment Clearance for Sand stone & Khanda, (Masonry stone) mining project, plot no - 80/2022, Area:- 1.00n hect., Khasra No- 776 (Govt Land) at Dhaneshwar, Tehsil- Talera, District:- Bundi, Raj.	Shri Rajat Jain Add:- S/O Vijay Kumar Jain , 702, Shastri Nagar , dadabari., Kota, (Raj.) Email:- rajatjain2023321 @gmail.com	M/s-Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.) Email:- cognizanceresearchin diapl@gmail.com	EC B2
11.	22542	415440	Granite Mining Project , M/s Kapeesh Granite, M.L.No.81/2021 , Area- 1.5303 hect., Khasra No - 77 & 78, Village – Chandma, Tehsil – Phooliya Kalan, District – Bhilwara, (Raj.),	M/s Kapeesh Granite, AMANRAJ SINGH S/o Asha Ram gujar, bohara colony rajpura road, kekri, kekri, Ajmer, Raj. 305404 Email:- kapeeshgranite32 1@gmail.com	M/s-Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.) Email:- cognizanceresearchin diapl@gmail.com	EC B2

<b>12.</b>	<b>22556</b>	416782	EC For Mohabbat Nagar Masonary Stone Mining Project Plot No- 50 Khasra No - 462,Lease Area: 1.10 Hect., Proposed Production: 120000 Mtpa , At Village- Mohabbat Nagar, Tehsil- Sirohi, District- Sirohi, State Rajasthan	Shri Arip Khan S/o Ibrahim Khan R/O Madalpura Tehsil - Jalore, District- Jalore (Raj.)E-mail - khanariph449@gmail.com	M/s-Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.) Email:- cognizanceresearchindiapl@gmail.com	EC B2
<b>13.</b>	<b>22559</b>	416786	EC for Masonary Stone Mining Project Plot no- 51, Khasra no-462 (Govt. land),Area: 1.10 Ha , Add.- Village- Mohabbat Nagar, Tehsil- Sirohi, District- Sirohi, State Rajasthan.	Sh. Jamshed Khan S/o sh. Ibrahim Khan R/o Madalpura, Tehsil , Dist.- jalore (Raj.) Email- <a href="mailto:jamshedkhan9495@gmail.com">jamshedkhan9495@gmail.com</a>	M/s-Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.) Email:- cognizanceresearchindiapl@gmail.com	EC B2
<b>14.</b>	<b>22560</b>	416884	EC for Kodi Chopawtan Masonary Stone Mining Project Plot no-92, Khasra no-442,(Area: 1.00 ha.), Proposed Production: 90000 MTPA, Village- Kodi Chopawtan, Tehsil Raniwara, District- Jalore, State Rajasthan.	Smt. Bhanwar Kanwar w/o Sh. Jethu Singh R/O: - Bere Par, Bangari, Tehsil- Pali, District- Pali (Raj.)email - bhanvarkanwar12@gmail.com	M/s-Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.) Email:- cognizanceresearchindiapl@gmail.com	EC B2
<b>15.</b>	<b>22561</b>	416962	EC for Mohabbat Nagar Masonary Stone Mining Project Plot no-48, Khasra no-462 (Govt. land) ,Area: 1.10 Ha, Add,- Village- Mohabbat Nagar, Tehsil- Sirohi, District- Sirohi, State Rajasthan.	Smt. Geeta W/o Sh. Shankar lal, Rupnagar Tehsil- Jalore, District- Jalore, Rajasthan Email <a href="mailto:nfogeeta9929@gmail.com">nfogeeta9929@gmail.com</a>	M/s-Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.) Email:- cognizanceresearchindiapl@gmail.com	EC B2
<b>16.</b>	<b>22572</b>	417056	EC For Mohabbat Nagar Masonary Stone Mining Project Plot no-52,	Mr. Murid Khan, S/O Sh. Pune Khan R/O Kolar,	M/s-Cognizance Research India Private Ltd. Add.- Office GT-20, Sec	EC B2

			Khasra no-462 , Area:- 1.10 Ha, Production: 120000 MTPA, Village- Mohabbat Nagar, Tehsil Sirohi, District- Sirohi, State Rajasthan.	Tehsil & District- Jalore (Raj), khanmurid333@gmail.com.	177, Noida, (U.P.) Email:- cognizanceresearchindiapl@gmail.com	
<b>17.</b>	<b>22573</b>	416780	EC For M/s Silica Mines India Pvt. Ltd. (PLOT No/ M.L No - 172/2021), { Proposed production capacity 201230 TPA (ROM) , Sealable mineral- 100615TPA, Waste - 100615 TPA } Address- Village - Hathisar, Tehsil- Asind, District- Bhilwara, Rajasthan	M/s-Silica Mines India Private Limited, Partner- Amrendra Kumar, House No.30/113, M.C.D.142, Ground Floor, Sant Nagar, East Of Kailash, South Delhi, Silicamines2022321@Outlook.Com	M/s-Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.) Email:- cognizanceresearchindiapl@gmail.com	EC B2

**Third Day (12.04.2023 Wednesday)**

S. No.	File No	Proposal No.	Proposal Details	Proponent Name	Consultant Details	Proposal type
<b>18.</b>	<b>22540</b>	416378	Fresh proposal for “Existing Granite (Minor Mineral) mining project” [M.L. No.– 30/2004, and Khasra No.–78] over an Area of 3.0 Hectares, located Near Village– Beda, Tehsil– Bali, District – Pali (Rajasthan) by M/s Krishna Granite Mines and Minerals	M/s-Krishna Granite Mines And Minerals Beda, Tehsil- Bali, Dist - Pali, Rajasthan, Email:- Krishnagraniteecb2@gmail.Com	M/s-Vibrant Techno Lab Private Limited, Plot No.SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur, Rajasthan, email - bd@vibranttechnolab.com	EC B2
<b>19.</b>	<b>22557</b>	416724	EC for “Granite (Minor Mineral) Mining, Project” M.L. No.– 50/2022, and Khasra No.– 1187/835, 1189/845, Area of 3.7400 Hectares, Proposed	M/s Shri Shyam Stonex, 43-A, Shubhash Nagar Tehsil- Deogarh, Dist- Rajsamand, (Raj.), Email-	M/s-Vibrant Techno Lab Private Limited, Plot No.SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur,	EC B2

			Production Capacity– 3,50,180 TPA (ROM) (Saleable) 1, 58, 448 & Waste 1, 91, 732, Near Village– Kameri, Tehsil- Deogarh, Dist – Rajsamand (Rajasthan)	shreeshyamstonex ecb2@gmail.com	Rajasthan, email - bd@vibranttechnola b.com	
20.	22541	82396	Expansion of Kochariya Garnet Abrasive and Quartz Mining Project ML No. 432.2007, over an area of 4.0011 hect. , Khasra No. 686/500, 687/500, 501, 505, 691/503, 50, Village Basda, Post Gundali, Tehsil and District Bhilwara, Rajasthan	Shri Ummed Singh Ranawat Owner Address Village Basda, Post Gundali, Tehsil and District Bhilwara, Rajasthan E-mail glrminesandminera lspvt.ltd@gmail.co m	M/S-Geo Green Enviro House Pvt.Ltd. Add.- 403, Aimen Apartment, 29 Chandralok Colony, Aliganj, Lucknow (U.P.) Email. environment@geog reen.in, Shivanimines@gam il.com	EC B1
21.	22555	284792	EC for proposed Goadach Soapstone & Masonary Stone Mining Project at ML No. 01/1986 having Area: 4.9861 ha at Khasra No. 2569, 2570, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2542, 2544, 2545, 2547 & 2548 in Village: Goadach, Tehsil: Nathdwara, District-Rajsamand (Rajasthan)	M/s R.K. Minerals, Reg. Off: 49, Mahalaxmi Nagar, Badgaon, District: Udaipur (Rajasthan) Email- goadach.rkmineral s@gmail.com	M/s-Oceao Enviro Management Solutions India Private Li Address 217, 1st Floor, Judge Colony, Vasundhara, Ghaziabad, Email- Info@Oceaoenviro. Com	EC B2
22.	22558	412378	EC for “Granite Mining Project, M.L. No. 64/2021” Area 1.0884 Hectare, Proposed Production Capacity: 98, 560 TPA (ROM) Or Proposed production capacity – 69,720 TPA (R.O.M.) (Granite: 54208	M/s Vijay Shree Mines and Minerals Partner: - 1. Sh. Vijay Kumar Saini S/o Late. Sh. BoduRam Tak 2. Sh. Yash Kumar	M/s-Fulgro Environmental & Engineering Services, Jaipur 27, Ashok Vatika, Khatipura Road, Jhotwara, Jaipur- , Email:- info@fulgro.in,	EC B1

			MT, Luffers: 19712 MT, Waste: 24640 MT) Near Village- Ekalsingha, Tehsil: Kekri, District: Ajmer (Raj.)	Saini S/o Sh. Vijay Kumar Saini , address- Near Village- Ekalsingha, Tehsil: Kekri, District: Ajmer (Raj.)Email- vijayshreemines77@gmail.com		
<b>23.</b>	<b>22571</b>	417060	EC for Biloniya Sandstone (Building Stone) Mine Submission of application in form II along with EIA EMP with necessary, annexure for grant of Environmental Clearance in respect of Biloniya Sandstone (Building Stone) Mine, M. L. No. 36/1991, (having a lease area of 19.870 Ha.) situated near village Biloniya, Tehsil Jhalrapatan & District Jhalawar (Raj.).	Shri Gurbhej Singh, S/o Late Shri Sardar Singh, R/o Modak Station, Tehsil Ramganjmandi, District Kota, Rajasthan, Email - gurbhej.ec.b1@gmail.com	M/s-Apex Mintech Consultant, Add:- 3 Dhebar Colony, Near I.T.I., Pratapnagar, Distt. Udaipur, (Raj.), Email:- apex.mintech.udr@gmail.com, apex.mintech@gmail.com	EC B1
<b>24.</b>	<b>22574</b>	416956	EC For Granite Mining Project, M.L. No. 76/2020, (Ref. No. 202010000 25911), Khasra No. 352, 353/1 ” Production capacity: 98,000 TPA (R.O.M) Mineral: 15182 TPA Mineral Reject: 82818 TPA Mine area 1.00 Hectare, Vill:- Kuwar, Tehsil- Kareda, District- Bhilwara	Shri Dinesh Jhanwar, N/V - Kunwar, Tehsil - Kareda, Distt. - Bhilwara (Raj) Email - Shreebalajii2022@gmail.Com	M/S-Mantras Green Resources Ltd, Hall No.- 1 Nice Sankul Plot No.- A-9, Opp. Nasik Marchant Co Op Bank Ltd, Iti Signal, Midcsatpur, Nasik). Email:- Mantrasjaipur@gmail.Com	EC B1

25.	22575	417318	EC For Masonry Stone Mining Project (ML Area- 1.00 ha and M.L. No.- 335/, Khasra No- 75,434, Mineable Reserve- 13,90,610 Tons , Production Capacity- 2,61,144 TPA (ROM) located at Village Basawta, Tehsil- Buhana, Distt.- Jhunjhunu (Rajasthan)	Shri Vishal Mittal S/o Shri Vinod Kumar Mittal, Address- N/V - Basawta, Tehsil - Buhana, District - Jhunjhunu (Raj.) Email- veersing92610@gmail.com	M/S-Mantras Green Resources Ltd, Hall No.- 1 Nice Sankul Plot No.- A-9, Opp. Nasik Marchant Co Op Bank Ltd, Iti Signal, Midcsatur, Nasik). Email:- Mantrasjaipur@gmail.Com	EC B1
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**Date-13.04.2023 (Thursday)**

S. No.	File No	Proposal No.	Proposal Details	Proponent Name	Consultant Details	Proposal type
26.	22776	293888	Modification EC of proposed River Bed Mining Project for Mineral Bajri for proposed production capacity of 2.8 MTPA Area 544.03 ha, Located- Tehsil-Hurda, District: Bhilwara & Tehsil-Masuda, District: Ajmer (Rajasthan).	Shri Vikramaditya Rathore S/O Shri Manmath Singh Rathore , Address. : 230, Rajput Basti, Shikhrani, Ajmer,Rajasthan, Email- vikramadityasinghshikhrani@gmail.com	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	Modi. EC (B1)
27.	22810	293608	Modification in Environment Clearance of Our Proposed River Sand Mining Project (Production Capacity: 2.24 million TPA(ROM); Total ML Area of 1947.12 Hectare Located At Villages Revenue of Tehsil – Bhilwara & District – Bhilwara(Rajasthan).	Shri Sanjay Kumar Garg, 1,Address : 225, Mohan Nagar, Hindaun City, District - Karauli (Rajasthan), Email- bhilwarabajri@gmail.com	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	Modi. EC (B1)
28.	22811	293896	Modification in Environment Clearance of Our Proposed River Sand Mining Project (Production Capacity: 1.68 MMTPA (ROM); Total ML Area of 995.0 Ha;)	Shri Abhimanyu Chaudhary, Address C-57, Hanuman Nagar, Raghu Marg, Khatipura, Jaipur,Rajasthan,	M/s. N.S. Enviro-Tech Laboratories & Consultant, , Add- Plot No. 51, Ganeta House, Shiv Vihar Colony, Near Patrakar Colony	Modi. EC (B1)

			Located At Villages Revenue, Tehsil – Mandal & District – Bhilwara, (Rajasthan).	Email- abhimanyusinghbhinay@gmail.com	Road, Mansarovar, Jaipur (Raj.). Email:- nsenvirotech@gmail.com	
29.	22812	294202	Modification in Environment Clearance of Our Proposed River Sand Mining Project (Production Capacity: 25.02 Lakh TPA (ROM); Total ML Area of 3056.6181 Ha;) Located At Villages Revenue of Tehsil – Panchpadra & District – Barmer (Rajasthan)	M/S Raman Sethi R/o S-312, Panchsheel Park, South Delhi (Delhi), E-mail:- pachpadrabajri@gmail.com	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	Modi. EC (B1)
30.	22734	297966	Mod. EC River Sand Mining Project (Production Capacity: 48 lakh TPA (ROM); Total ML Area of 588.14 Ha ;) Located : At Villages Revenue, Tehsil – Pindwara & District – Sirohi (Rajasthan).	M/s. Shri Paarasmal Ghanchi R/o Talab Road, Jasol, Tehsil - Panchpadra, District Barmer (Rajasthan)  email: mparas908@gmail.com	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	Modi. EC (B1)

**Additional**

S.No.	File No	Proposal No.	Proposal Details	Proponent Name	Consultant Details
1.	21162	67955	Application for approval of EIA/EMP and EC to Hirakhera Quartz & Feldspar & Granite Mining Project, Cluster area 20.0965 ha. Production Capacity of Cluster – 926826.79 TPA (ROM), M.L.No. 80/2018, Area- 2.0970 Ha., Production Capacity- 168735 TPA (ROM), Khasra No- 255, 256, 274, 342/255 & 343/256 Add.- Village- Hirakhera, Tehsil – Deogarh, District - Rajasmand, (Raj.) <b>(Proposal No. 67955)</b>	Shri Jagdish Kumar Bishnoi S/o Shri Hazari Ram, Add.- 607, The-Orbit BhanBagh, New Fatehpura, Udaipur (Raj.) Email- jagdishrajsamand@outlook.com	Cognizance Research India Private Ltd. Office GT-20, Sec 177, Noida,(U.P.) Email:- cognizanceresearchindiapl@gmail.com
2.	21174	271062	Environmental Clearance for “Masonry Stone Mining Project” Ref. No.- 20211000042660, Area- 2.8006 ha., Production Capacity of 1,92, 600 TPA (ROM), Khasra No. 1953, Address- Village-Maal Ka Gurha, Tehsil- Khamnore, District- Rajsamand, State-Rajasthan, <b>(Proposal No.271062)</b>	Smt. Alol Devi Meena W/o Shri Narayan Singh Meena Address-N/v- Maal Ka Gurha, Tehsil- Nathdwara, District- Rajsamand, Rajasthan, Email- aloldevi2022@gmail.com	MANTRAS GREEN RESOURCES LTD Hall No.- 1 NICE Sankul Plot No.- A-9, Opp. Nasik Marchant Co Op Bank Ltd, ITI Signal, MIDCSatpur, Nasik). email:- mantrasjaipur@gmail.com

3.	21866	73924	Approval of EIA/EMP & EC for expansion of Silica Sand & Masonry Stone Mining Project, ML No.-01/76, Mine Lease Area-26.6767 Hectare, Production Capacity- 1048950 TPA(ROM){ Silica Sand-670050 TPA, Masonry Stone-368320 TPA & Waste-19580 Tonnes}, Khasra No.199,200,260,261,205 Village- Gothra, Tehsil- Weir, District- Bharatpur, Rajasthan <b>(Proposal No-73924</b>	M/s Vimlesh Silica Sand Mines, Address- 30/28/04,Varun Path,Near by Jain Temple, Mansarovar ,Jaipur  Email- <a href="mailto:vimleshgothara@gmail.com">vimleshgothara@gmail.com</a>	M/s. N.S. Enviro-Tech Laboratories & Consultant, Address- Plot No. 51, Ganeta House, Shiv Vihar Colony, Near Patrakar Colony Road, Mansarovar, Jaipur (Raj.)  Email- <a href="mailto:nsenvirotech@gmail.com">nsenvirotech@gmail.com</a>
4.	21952	289308	Environmental Clearance for Quartz and Feldspar Mining Project, Ref. No.- 20221000055880, Area –1.0683 Hectare, Proposed Production Capacity – 72,205 TPA (ROM) {Saleable- 50,542 TPA, Waste– 14,443 TPA and Sub Grade- 7,220 TPA}, Khasra No.- 6301/2318,6302/2018, Address- Village- BadiBallokiBhagal, Tehsil– Khamnor, District– Rajsamand (Rajasthan) (Proposal no. <b>289308</b> )	M/s Karni Minerals, Shri Narayan Rao,R/o-Ward no- 4, Thakur Bhabhut Singh Road, Aidana, Tehsil- Amet, District- Rajsamand  Email- <a href="mailto:karnimineralsecb2@gmail.com">karnimineralsecb2@gmail.com</a>  Partners:  1. Shri Dileep Singh Chundawat S/o Shri Purushottam Singh Chundawat 2. Shri Narayan Singh Rao S/o Shri Sultan Singh Rao	M/s Atmos Sustainable Solutions Pvt. Ltd,R/o - A-73, 3rd Floor, Sector 65, Noida, UP  Email- <a href="mailto:vibranttechnolab@gmail.com">vibranttechnolab@gmail.com</a>

5.	22262	409836	EC for proposed "KAY THREE SPACE"(Commercial Building) project " Gross Built-up Area 29406.17 Sq.m. ,Plot Area- 3668.54 Sq.m. at Khasra No.436/34,35 & 36/1, Add.- village- Jhalana Chodd, Tehsil- Sanganer, District- Jaipur, Rajasthan( <b>Proposal No.409836</b> )	Smt. Sudesh Dhankhar and Ms.Kamna Dhankhar, Authorized Signatory: - Mr. Pratap Bhanu Singh Shekhawat, Regd. Office: B-12, Ram Kunj, Chomu House C- Scheme, Jaipur, Rajasthan  Email- <a href="mailto:pratapbhanushekhawat@gmail.com">pratapbhanushekhawat@gmail.com</a>	M/s Enkay Enviro Services Pvt. Ltd., Jaipur, Add.- Corporate Office- # 92 Heera Nagar- A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj.)  Email- <a href="mailto:info@enkayenviro.com">info@enkayenviro.com</a>
6.	22006	405284	Approval of EIA /EMP & EC for setting up the proposed project "Mineral Wet Beneficiation Plant , Total existing Industrial land area-10.98 Hectare, Total Production- 79300 MTPA, Wollastonite-75000 MTPA and Gypsum-4300 MTPA, Khasra No. 366/1,366/2,367,368,378,380 & 450/1,Village- Amliya, Tehsil- Bali, District-Pali,Rajasthan ( <b>Proposal No.405284</b> )	M/s Wolkem Industries Limited, Address- Wolkem House, E-101,Mewar Industrial Area, Madri Udaipur (Raj.)  Email- <a href="mailto:upp@wolkem.com">upp@wolkem.com</a> , <a href="mailto:amliyaplant20@gmail.com">amliyaplant20@gmail.com</a>	Wolkem India Limited, Address- E-101-102, Mewar Industrial Area,Madri, Distt.- Udaipur (Raj.)  Email- <a href="mailto:info.wcs@wolkem.com">info.wcs@wolkem.com</a>
7.	21222	70418	Application for approval of EIA/ EMP	M/S Advantis Quartz Pvt. Ltd., (Director	VARDAN ENVIRONET,

			and EC for Quartz Project having Total Cluster Area 7.6501 ha. Cluster Carrying Capacity- 552970TPA (ROM), Reference No-2019100008521 (M.L. No. 22/2019), Area-1.0713 Ha., Production Capacity 74084 TPA (ROM) {Saleable-66676TPA & waste-7408TPA} Khasra no-1806, 1809, 1810, 1816, 1797, 1798, 1799, 1821 N/v- Karada, Tehsil-Sagwara, District-Dungarpur, Rajasthan. <b>(Proposal No-70418)</b>	Shri SiddharthSinghavi S/o Shri Shanti Lal, Address- 9-A, Pologround, Fatehgarh, Udaipur, Rajasthan,Email- <a href="mailto:advantisecb2@outlook.com">advantisecb2@outlook.com</a>	Add.-Plot No.82-A, Sector-5 IMT Manesar, Gurgaon-(Haryana).email:- <a href="mailto:jaipur@vardanenironet.com">jaipur@vardanenironet.com</a>
8.	22402	404772	Environmental Clearance for Proposed Granite Mining Project, M.L No.67/2022, Ref No.- 20221000057307, Mine lease area-1.1311 Hectare, Proposed Production Capacity-125480 TPA (ROM){Saleable-50192 TPA & Waste-75288 TPA}, Khasra No.-152 & 153,Village - Ralaita, Tehsil- Kareda, District- Bhilwara,Rajasthan <b>(Proposal no.404772)</b>	M/s Chawanda Granite, Address- Krishna Krishi Firm ,Chitamba,Tehsil- Kareda,District- Bhilwara ,Rajasthan  Email- <a href="mailto:chawandalease086@gmail.com">chawandalease086@gmail.com</a>	M/s Mantras Green Resources Ltd, Address- Hall No.1 Nice Sankul Plot No.- A-9, Opp. Nasik Merchant Co Op Bank Ltd, ITI Signal, MIDC Satpur, Nasik).  Email- <a href="mailto:mantrasjaipur@gmail.com">mantrasjaipur@gmail.com</a>
9.	22379	401332	Environmental Clearance for proposed Masonry Mining	M/s A.R.G. Enterprises ,Prop. Shri Harshit Godara S/o	M/s Vibrant Techno Lab Private Limited,

			Project, M.L No. 43/2022, Plot No.- 55, Mine Lease area-1.3041 Hectare, Proposed Production Capacity- 119125 (TPA) ROM, {Saleable - 95300 TPA & waste- 23825 TPA}. Khasra No. 455 Village-Bakliyawas, Tehsil- Merta, District- Nagaur, Rajasthan <b>(Proposal no.401332)</b>	Shri Amra Ram Godara, Address- B- 11, Shramikpura, Masuriya Jodhpur, District- Jodhpur, Rajasthan, Email- <a href="mailto:argenterprises2023@gmail.com">argenterprises2023@gmail.com</a>	Add-Plot No.SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur, Rajasthan, Email- <a href="mailto:Vibranttechnolab@Gmail.Com">Vibranttechnolab@Gmail.Com</a>
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After examination and appraisal of the projects on the basis of the documents & information contained therein and information/documents provided during presentation by the PP and their consultants and required due deliberations, the Committee resolved to recommend the proposal as per details given below-

S. No	Particulars	Agenda Number	Total
1	Recommend to SEIAA for grant of EC to proposals	2,3,9,10,11,12,13,14,15,16,17,18,19,22,26,27,28,29 Additonal- 1,2,3,4,5,6,8,9	26
2	Recommend to SEIAA for grant of ToR to the proposals	1,5	2
3	Defer the proposal(s)	4,24,25,30	4
4	Recommend to SEIAA to close & delist the proposals	6,7	2
5	Issues query/seek additional information	20,21,23 Additional - 7	4
6	already considered	8	1
			39

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

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Signature</b>
1	Shri Ishaq Ahmed Mughal	Chairman	
2	Shri Ajay Kumar Gupta	Member	
3	Shri Rakesh Mathur	Member	
4	Dr. Suresh Kumar Singh	Member	
5	Dr. Anil Vyas	Member	
6	Shri Mahesh ChandraSharma	Member	
7	Shri Satish Kumar Sharma	Member	
8	Shri Amit Juyal	Member Secretary	

**Agenda no.01. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (22562)/ 2022-23**

**Project Name-**

ToR for Feldspar & Masonry Stone Mining Project, ML No 19/2001, Area– 4.00 Hectare, Proposed Production Capacity–407600TPA (ROM), Khasra No.308,311,312,313,313/993,314,482,485,486,484,483 & 307, Village-Kaliba Ki Dhani, Tehsil-Kotputli& District- Jaipur, Rajasthan(**Proposal No.414936**)

**Project Proponent Name-**

Shri Dinesh Kumar Bagda S/o Sh. PrabhuNarayan , R/o- Kanakpura bus Stand,CC Road, Pradhan Nagar, Plot No.-04, Jaipur, Raj.  
Email- [ddineshkumarr2022@gmail.com](mailto:ddineshkumarr2022@gmail.com)

**Name of Consultant:-**

M/s Mantras Green Resources Ltd. Address: Hall No.1 Nice Sankul Plot No. A-9, Opp. Nasik Merchant Co Op Bank Ltd, ITI Signal, MidcSatpur, Nasik  
Email- [mantrasjaipur@gmail.com](mailto:mantrasjaipur@gmail.com)

**Observations and Resolution of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B. 45th held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The PP has submitted application for ToR of aforementioned project hence it is covered under B1 category.

This is an existing mine. The mining lease was sanctioned in favour of Smt. Sharmila Kanwar W/o Shri Dhud Singh Shekhawat vide order dated 16.05.2006. The lease was executed on dated 24.06.2006 & registered on dated 26.06.2006 for period of 30 years till 25.06.2036. Later the mining lease got transferred to Sh. Dinesh Kumar Bagra S/o Sh. Prabhu Narayan vide order dated 04.03.2014, executed on dated 28.11.2014 & registered on 24.12.2014. Further, as per the MMDR act 10.02.2015 mining lease period extended up to 50 years i.e., 25.06.2056. Thereafter, Masonry stone mineral was included to mine area vide order dated 08.09.2016 and got registered on 23.09.2016.

The Mining Plan has been approved by the SME, Jaipur vide letter dated 22.11.2022. The AME,Kotputli vide certificate dated 16.01.2023 has stated that the mining lease does not fall in Aravali Hills.

It is a project having capital cost of Rs 2.00Cr.The AME,Kotputlivide certificate dated 03.01.2023has stated that as per the MoEF& CC notification, dated 01.07.2016that the total area of all the mining leases in the cluster area is 8.17 Hectare.The project, therefore, requires to be dealt with as ‘B1’ category.

Final minutes of 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023

DCF, TP Sariska vide certificate dated 03.01.2020 has stated that the distance of mining lease from boundary of Sariska WLS Sanctuary , Critical Tiger habitat & buffer area is 39.20 km , 36.50 km & 40.00 km respectively.DCF(WL) Zoo, Jaipur in his certificate dated 31.01.2020 has stated that the distance of mining lease from the boundary of Nahargarh WLS& ESZ of Nahargarh WLS is 61.20 km & 50.50 km respectively.The PP will submit a DCF,Jaipur at the time of final presentation of EC.

The project being one of minor mineral having lease area of 4.0 ha. came under the purview of the EIA Notification dated 09.09.2013 of the MoEF & CC. According to the certificate dated 28.06.20212, 26.08.20213 , 02.03.20216 , 29.08.20217 and 19.12.20222 of AME, Kotputli production of mineral in the base year i.e. 2012-13 was 22 MT and thereafter, in subsequent years 2013-14,2014-2015,2015-16 production was increased from base year without obtaining EC. The project, therefore, is one of violation of the EIA Notification. The PP has also submitted affidavit to the affect that activity has been carried out in violation of the EIA Notification and Common Cause Judgment pronounced by the Hon'ble Supreme Court.

The Committee, in pursuance of the Notification dated 17.02.2020 of the MoEF& CC resolved to recommend to SEIAA for grant of ToR (Violation as well as Cluster) as per **Annexure 'B'**

**Agenda no.02. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (21941)/ 2022-23**

**Project Name-**

Environmental Clearance for Granite Mining Project, M.L No.40/1999, Area-1.56 Hectare, Proposed Production Capacity- 79,996 TPA (ROM), Khasra No.34/1058, Village-Lakha, Tehsil-Fatehgarh, District-Jaisalmer, Rajasthan(**Proposal no.266828**)

**Project Proponent Name-**

Smt. Rashi Raman W/o Shri VivekRaman,R/o- D-57/7354, BasantKunj,NewDellhi,  
Email- [rashiraman40192@gmail.com](mailto:rashiraman40192@gmail.com)

**Name of Consultant-**

M/s Mantras Green Resources Ltd. Address: Hall No.- 1 Nice Sankul Plot No.- A-9, Opp. Nasik Merchant Co Op Bank Ltd, Iti Signal, MidcSatpur, Nasik  
Email- [mantrasjaipur@gmail.com](mailto:mantrasjaipur@gmail.com)

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

1.	Category / Item no.(in Schedule):	B2 Category
2.	Location of Project	Khasra No.- 34/1058 Near Village-Lakha, Tehsil-Fatehgarh, District-Jaisalmer, State-Rajasthan
3.	Project Details M.L. No. /Production capacity	MLNo.-40/1999 Lease Area- 1.56 ha Production Capacity –79,996TPA (ROM)

		Khasra No.- 34/1058				
4.	Project Cost:	Rs.1.50 Crore				
5.	Water Requirement & Source	Total Water Required- 5.0 KLD Domestic Purpose – 1.5 KLD Dust Suppression 1.5 KLD Plantation –2.0KLD				
6.	Fuel &Energy:-	Fuel will be required for mining machineries and No electricity will be required because mining activities will operate in day shift only				
7.	Application No. & Date & documents submitted :-	SIA/RAJ/MIN/266828/2022				
8.	Information about Aravalli Certificate.	Arawali NOC issued by ME Jaisalmer Dated 21.03.2022				
9.	Date of Air/Water/Noise Monitoring	Enclosed with Report				
10.	Information about 500 mts composite map	Cluster Certificate (No Cluster formation) issued by ME Jaisalmer Dated 21.03.2022				
11.	Environment Management Plan	Annual expenditure of Capital cost 14.02 Lakh Recurring cost 5.50 Lakh				
		<b>S. No</b>	<b>Particulars</b>	<b>Description</b>	<b>EMP Cost (In INR)</b>	
					<b>Capital Cost</b>	<b>Recurring Cost</b>
		1.	Environment Monitoring	Half-yearly Pollution monitoring– Air, Noise. Soil, water from MoEF&CC approved laboratory	-	50,000
		2.	Dust suppression	Water sprinkling	-	1,00,000
				Construction and Maintenance of Haul Road	50,000	30,000
		3.	Water Quality Management	Rainwater harvesting	1,50,000	50,000
				Garland drain, retention wall	50,000	-
		4.	Mines Safety	Blasting related safeguard expenses (Caution boards, Silencer Blower)	30,000	-
				Peripheral fencing	1,00,000	-
		5.	Waste management	Municipal Waste (Dustbins for collection of Municipal Waste)	-	20,000
Installation of Modular STP for treatment of Municipal Sewage	2,50,000			50,000		
Hazardous Waste (Spent Oil generated from machinery)	-			50,000		

		6.	Land Reclamation	Reclamation/ regressing of mined out area (at conceptual stage)	-	50,000						
		7.	Greenbelt / Plantation	Plantation @Rs 1500 per plant approx.(including plants purchase, maintenance and fencing/tree guards) <ul style="list-style-type: none"> <li>Plant saplings purchase</li> <li>Digging of pits (2x2x2) &amp; manure</li> <li>Weeding and hoeing</li> <li>Watering per plant</li> <li>Maintenance of plants and survival ensuring, replacement of dead plants with new @Rs 200 per unit.</li> <li>Transportation and fixing of tree guards &amp; fencing.</li> <li>Salary of gardener</li> </ul>	7,72,500	1,50,000						
		Total amount allocated for Environment Management			14,02,500	5,50,000						
12.	Corporate Environmental Responsibilities (CER)	Annual expenditure of in Rs.-3,00,000per year										
13.	Green Belt/ Plantation	Annual expenditure of in Rs.- 3,87,000per year										
		Year	Inside Area		(Outside)		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	Area (Ha.)	No. Of Trees
			-	-	-	-	-	-	-	-	-	-
		I	0.115	115	0.1425	143	-	-	-	-	0.2575	258
		II	0.115	115	0.1422	142	-	-	-	-	0.2572	257
		III	-	-	-	-	-	-	-	-	-	-
		IV	-	-	-	-	-	-	-	-	-	-
		V	-	-	-	-	-	-	-	-	-	-
		VI years	-	-	-	-	-	-	-	-	-	-

		onwards										
		<b>Total</b>	<b>0.23</b>	<b>230</b>	<b>0.284</b> <b>7</b>	<b>285</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.514</b> <b>7</b>	<b>515</b>
		<p>*Plantation will be done outside the lease area  <b>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.</b></p> <p><b>Note:-</b>At the end of third year Green Belt /Plantation will be done in 0.5147ha. Area i.e. (515 trees) out of which 0.23 ha (230 Plants) will be done inside the lease area, rest 0.2847 ha (285 Plants) will be done on outside the lease area. Native species which are more suitable to the local environment are preferred to be planted such as like Khejri (Prosopis cineraria), Ber (Ziziphusmauritanica), Badh (Ficus benghalensis), Kair (Capparis decidua) &amp; native species.</p> <p><b>Source-Approved Mining Plan with Progressive Mine closure plan</b></p>										
		Annual expenditure of in 90,000 per year										
		<b>S. No.</b>	<b>Facility Provided for Laborers</b>	<b>Capital Cost in Rs.</b>	<b>Recurring Cost in Rs.</b>							
		<b>1.</b>	<b>Rest Shelter</b>	<b>50,000</b>	<b>5000</b>							
		<b>2.</b>	<b>Safe Drinking Water</b>	<b>10000</b>	<b>5000</b>							
		<b>3.</b>	<b>Sanitation Facility</b>	<b>10000</b>	<b>5000</b>							
		<b>4.</b>	<b>Periodical medical examination per year @ 1000 Rs. per labour</b>	<b>-</b>	<b>30,000</b>							
		<b>5.</b>	<b>Fuel for cooking (LPG Cylinder) @1200 per month</b>	<b>12,000</b>	<b>12,000</b>							
		<b>6.</b>	<b>Education for children of labors @2,400 per labor</b>	<b>-</b>	<b>24,000</b>							
		<b>7.</b>	<b>Provision for personal protection equipment (PPEs) like ear plug, dust mask, Helmet, Shoes etc. for 10 workers</b>	<b>-</b>	<b>-</b>							
			<b>Safety shoes @ Rs.700</b>	<b>7,000</b>	<b>7,000</b>							
			<b>Hand Gloves @ Rs. 500</b>	<b>5,000</b>	<b>5,000</b>							
			<b>Dust mask @ Rs.25 (2 times in month)</b>	<b>6000</b>	<b>6000</b>							
			<b>Ear plug @ Rs. 25 (2 times in month)</b>	<b>6000</b>	<b>6000</b>							
			<b>Helmets @ Rs.500</b>	<b>5,000</b>	<b>5,000</b>							
		<b>8.</b>	<b>First Aid Box</b>	<b>5000</b>	<b>5000</b>							
		<b>9.</b>	<b>Fire Safety</b>	<b>30000</b>	<b>10000</b>							
				<b>1,46,000</b>	<b>1,25,000</b>							
15.	Present Status :-	➤ This is mining lease of Granite Mine Mining Project, located near Village-Lakha, Tehsil- Fatehgarh, Distt. - Jaisalmer (Rajasthan)										

		<p>over an area of 1.56 hectares.</p> <ul style="list-style-type: none"> <li>➤ The initially mining lease was sanction in favor of M/s Hasnen Stone company for mineral Granite Over an area of 1.56 hect. N/V - Lakha, Tehsil - Fatehgarh, District - Jaisalmer, State -Rajasthan by letter no 2034 on dated 13.12.2001. The lease was Registered on dated 14.12.2001 for period of 20 years i.e.,13.12.2021.</li> <li>➤ Later, the mining lease was transferred from M/s Hasnen Stone company to Smt. Rashi Raman W/o Shri Vivek Raman R/o- 7/7345 BasantKunj, by Letter no 9567 on dated 20.03.1012</li> <li>➤ The mining scheme with Progressive Mine Closure Plan was approved under Rule 29 of R.M.M.C.R. 2017 vide letter no SME/Bikaner.-CIR/Mine-Scheme/Jaisalmer/F-14/21/1922 dated- 28.09.2021.</li> <li>➤ As per EIA Notification dated 14.09.2006, as amended from time to time this mining project comes under 'B2' Category.</li> </ul>
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### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>11<sup>th</sup> , 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

This is an existing mine. The lease was granted in favour of M/s Hasnain Stone Company for mineral Granite over area of 1.56 Hectare vide order dated 14.12.2001 for 20 years. Further, the lease was transferred to Smt. Rashi Raman W/o Shri Vivek Raman vide order dated 20.03.2012.

The Mining Plan has been approved by the SME, Bikaner vide letter dated 28.09.2021, ME, Jaisalmer vide certificate dated 05.04.2023 has stated that the mining lease does not fall in Aravali Hills.

DCF, Jaisalmer vide certificate dated 05.7.2022 has stated that there is no Wildlife Sanctuary/National Park/Conservation Reservewithin 10 km periphery of the mine& the distance of Desert National Park Sanctuary is at distance 26.0Km from applied mine lease area.

The ME, Jaisalmer vide certificate dated 05.04.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation.

The project being one of minor mineral having lease area of 1.56 ha. came under the purview of the EIA Notification dated 09.09.2013 of the MoEF & CC. According to the certificate dated 18.08.2022 of ME, Jaisalmer production of mineral in the base year i.e. 2012-13 was NIL and thereafter, also in subsequent years production was NIL. The project, therefore, is not one of violation of the EIA Notification. The PP has also submitted affidavit to the affect that no activity has been carried out in violation of the EIA Notification and Common Cause Judgment pronounced by the Hon'ble Supreme Court.

## **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

## **Agenda no.03. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (21942)/ 2022-23**

### **Project Name-**

Environmental Clearance for Granite Mining Project, M.L no – 192/2003, Area-3.00 Hectare, Proposed Production Capacity- 158200 TPA (ROM) {Saleable– TPA, & Waste- TPA}, Khasra No- 34, Village-Lakha, Tehsil-Fatehgarh, District-Jaisalmer, Rajasthan(**Proposal no.266908**).

### **Project Proponent Name-**

Smt. Rashi Raman w/o Shri Vivek Raman Village-Lakha, Tehsil- Fatehgarh, District-Jaisalmer (Raj.)

[Email- rashiraman40192@gmail.com](mailto:rashiraman40192@gmail.com)

### **Name of Consultant-**

M/s Mantras Green Resources Ltd. Address: Hall No.- 1 Nice Sankul Plot No.- A-9, Opp. Nasik Merchant Co Op Bank Ltd, Iti Signal, MidcSatpur, Nasik  
Email- [Mantrasjaipur@Gmail.Com](mailto:Mantrasjaipur@Gmail.Com)

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

1.	Category / Item no.(in Schedule):	B2 Category
2.	Location of Project	Khasra No. 34, Near Village-Lakha, Tehsil-Fatehgarh, District-Jaisalmer, State-Rajasthan

3.	Project Details M.L. No. /Production capacity	MLNo.-192/2003 Lease Area- 3.00 ha Production Capacity –1,58,200 TPA (ROM) (Granite- 63280 TPA, Waste- 94920 TPA) Khasra No.- 34																																																									
4.	Project Cost:	Rs.2.00 Crore																																																									
5.	Water Requirement & Source	Total Water Required –5.0 KLD Domestic Purpose – 1.5KLD Dust Suppression – 1.5 KLD Plantation –2.0KLD																																																									
6.	Fuel &Energy:-	Fuel will be required for mining machineries and No electricity will be required because mining activities will operate in day shift only																																																									
7.	Application No. & Date & documents submitted :-	SIA/RAJ/MIN/266908/2022																																																									
8.	Information about Aravalli Certificate.	Me/jaisal/Minor/2022/946 on dated 21/03/2022																																																									
9.	Date of Air/Water/Noise Monitoring	Enclosed																																																									
10.	Information about 500 mts composite Cluster	Me/jaisal/Minor/2022/945 on dated 21/03/2022																																																									
11.	Environment Management Plan	Annual expenditure of Capital Cost 21.35 Lakh & Recurring Cost 7.0 Lakh																																																									
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		<p><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></p> <p><i>Note:-At the end of third year Green Belt /Plantation will be done in 0.990 ha. Area i.e. (990 trees) out of which 0.360 ha (360 Plants) will be done inside the lease area on safety barriers , rest 0.630 ha (630 Plants) will be done on outside the lease area on private own land. Native species which are more suitable to the local environment are preferred to be planted such as like Khejri (Prosopis cineraria), Ber (Ziziphium mauritania), Badh (Ficus benghalensis), Kair (Capparis decidua) &amp; native species.</i></p> <p><b>Source-Approved Mining Plan with Progressive Mine closure plan</b></p>																																																																							
14.	Budgetary Breakup for Labour	Annual expenditure of in 1,25,000 per year																																																																							
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		5.	Fuel for cooking (LPG Cylinder) @1200 per month	12,000	12,000
		6.	Education for children of labors @2,400 per labor	-	24,000
		7.	Provision for personal protection equipment (PPEs) like ear plug, dust mask, Helmet, Shoes etc. for 10 workers	-	-
			Safety shoes @ Rs.700	7,000	7,000
			Hand Gloves @ Rs. 500	5,000	5,000
			Dust mask @ Rs.25 (2 times in month)	6000	6000
			Ear plug @ Rs. 25 (2 times in month)	6000	6000
			Helmets @ Rs.500	5,000	5,000
		8.	First Aid Box	5000	5000
		9.	Fire Safety	30000	10000
			<b>Total</b>	<b>1,46,000</b>	<b>1,25,000</b>

### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

This is an existing mine. The lease was granted in favour of M/s Om Granite for mineral Granite over area of 3.00 Hectare vide order dated 24.01.2004. Same got registered on 03.02.2004 for 20 years. Further, the lease was transferred to Smt. Rashi Raman W/o Shri Vivek Raman vide order dated 15.06.2011. Transferred lease got registered on 16.06.2011. The lease period auto extended for 50 years.

The Mining Plan has been approved by the SME, Bikaner vide letter dated 28.09.2021. Also, ME, Jaisalmer vide certificate dated 05.04.2023 has stated that the mining lease does not fall in Aravali Hills.

DCF, Jaisalmer vide certificate dated 05.07.2022 has stated that there is no Wildlife Sanctuary/National Park/Conservation Reserve within 10 km periphery of the mine & the distance of Desert National Park Sanctuary is at distance 26.50 Km from applied mine lease area.

The ME, Jaisalmer vide certificate dated 05.04.2023 has stated that as per the MoEF & CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation.

The project being one of minor mineral having lease area of 3.0 ha. came under the purview of the EIA Notification dated 09.09.2013 of the MoEF & CC. According to the certificate dated 18.08.2022 of ME, Jaisalmer production of mineral in the base year i.e. 2012-13 was NIL and thereafter, also in subsequent years production was NIL. The project, therefore, is not one of violation of the EIA Notification. The PP has also submitted affidavit to the effect that no activity has been carried out in violation of the EIA Notification and Common Cause Judgment pronounced by the Hon'ble Supreme Court.

The Committee further observed that a road (village road/ Major district road) is located passing adjacent to boundary of mining lease which is parallel to A & H pillars. Further PP has submitted an affidavit substantiating that no mining activity shall be carried out at a distance of 45 meters from the road, and this shall be kept as safety barrier safeguard for road.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.
4. No mining shall be permitted within 45 meters from boundary lease along with A to H pillar to protect the road. This area shall be utilized for plantation for the ensure life of mine.

### **Agenda no.04. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (22563)/ 2022-23**

#### **Project Name-**

ToR for Proposed Enhancement in Existing Production Capacity of Red Ochre , Yellow Ochre & Inclusion of Mineral Masonry Stone Mining Project,M.L. No.-01/1994,Mine lease Area-4.90 Hectare,Total Proposed Production Capacity -72,770 TPA (ROM) { Red Ochre& Yellow Ochre -61855 TPA& Sub-Grade-3638 TPA & Waste-7277 TPA } &Proposed Production Capacity of Masonry Stone-421053 TPA (ROM) { Saleable-400000 TPA & Waste- 21053 TPA } ,Khasra No.-115,410 & 411, Village- Ballabgarh, Karwan&Ghatri, Tehsil-Bhusawar, District- BharatpurRajasthan. (**Proposal No-412332**).

#### **Name of Proponent-**

M/s Kanheya Minerals Suppliers, R/o-Ballabgarh, Tehsil- Weir & District-Bharatpur (Raj.)  
Email - [kanhaiyaminerals.2022@gmail.com](mailto:kanhaiyaminerals.2022@gmail.com)

#### **Name of Consultant-**

M/s VitastaEnviro Services Pvt. Ltd., G-2, ShubhSneh, Plot No-18, G-2, Scheme No-3, VedVatika, NewSanganer Road, Jaipur, Rajasthan  
Email - [vitastaenviro@hotmail.com](mailto:vitastaenviro@hotmail.com)

### **Observations and Resolution of the Committee-**

The PP vide letter dated 11.01.2023 has submitted an application for deferment of the case due to lack of documents. The Committee agreed to the request of the PP and deferred the matter. The project shall be taken up again on receipt of his request for consideration of the project by the PP, in the subsequent proposed meeting.

### **Agenda no.05. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (22249)/ 2022-23**

#### **Project Name-**

ToR for Granite Mining Project, M.L. No.- 29/2021, , Ref. No- 20211000045594, Mine lease Area-1.0009 Hectare ,Proposed Production Capacity of Granite-83345 TPA (ROM) {Saleble-50007 TPA& Waste-33338 TPA},Khasra No.-1317, Village- Naya Sanwara, Tehsil-Pindwara, District- Sirohi, Rajasthan. **(Proposal No-411444).**

**Name of Proponent-** M/s. Govardhan Granites,

Partners:-

1 Shri Ishwar Singh S/o Shri Prem Singh (Authorized Signatory)

2 Shri Sumer Singh S/o Shri Dalpat Singh

3 Shri Mukeshkumar S/o Shri Achala Ram Solanki

4 Shri Shankar Lal S/o Shri Thana Ram ji

Address R/o- NayaSanwara Tehsil- Pindwara, Dist.- Sirohi (Raj.),

Email- msgovardhan2022@gmail.com

#### **Name of Consultant-**

M/s VitastaEnviro Services Pvt. Ltd., G-2, ShubhSneh, Plot No-18, G-2, Scheme No-3, VedVatika, NewSanganer Road, Jaipur, Rajasthan

Email - [Vitastaenviro@Hotmail.Com](mailto:Vitastaenviro@Hotmail.Com)

### **Observations and Resolution of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45th** held on **10th, 11th, 12th and 13th April, 2023** in the presence of PP and his Consultant.

The ADM, Jodhpur vide order dated 30.06.2022 has issued LoI to the PP for mining of Granite Mineral having validity till 18 months The Mining Plan has been approved by the ADM, Jodhpur vide letter dated 01.09.2022. The ME, Sirohi vide certificate dated 14.12.2022 has stated that the mining lease does not fall in Aravali Hills.

Final minutes of 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023

It is a project having capital cost of Rs.2.36 Cr. The ME, Sirohivide certificate dated 14.12.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 6.0009 Hectare. The project, therefore, requires to be dealt with as 'B1' category project. The PP will submit DCF at the time for final presentation of EC.

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

**Agenda no.06. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (21776)/ 2022-23**

**Project Name-**

Approval of EIA/EMP & EC for S.R. Mineral Impex of Quartz & Feldspar Mining Project, M.L. No.- 21A/2009, Mine lease Area-4.7525 Hectare, Production Capacity- from 45318 TPA(ROM) to 328320 TPA(ROM), {Saleable- 262656 TPA & Waste- 65664 TPA} Khasra No.4625,4644,4648,4721 & 4643, Address- Nayagaon, Tehsil- Masuda, District- Ajmer Rajasthan (**Proposal No-287824**)

**Name of Proponent-**

M/s S.R Minerals Impex, Smt. Sunita Mantri, Address- 92, Heera Nagar -1, Near Shalimar Bagh, Ajmer Road, Jaipur, Rajasthan  
Email- srmineralsimpex7@gmail.com

**Name of Consultant-**

M/S Enkay Enviro Services Pvt. Ltd. Address- 92 Heera Nagar-A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj.)  
Email- [info@enkayenviro.com](mailto:info@enkayenviro.com)

**Observations and Resolution of the Committee-**

The PP vide letter 05.04.2023 has requested to withdraw the project. The Committee in view of the application of PP resolved to recommend to SEIAA to close and delist the matter.

**Agenda no.07. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (21772)/ 2022-23**

**Project Name-**

ToR for "Selu Masonary Stone & Dolomite Mine Silica Sand & Masonary Stone Mine" ML No. 16/2019, ML Area 1.9611 ha, Khasra No. 252/1, 257, 258 and 259 total Cluster Area 6.5252 ha., Add.- village- Selu, Tehsil- Badgaon, District- Udaipur, (Raj) (**Proposal No-78356**)

**Name of Proponent-**

Shiv LalMeena, Add.- Village- AriyaFala, DakanKotra, Tehsil- Girwa, Udaipur, (Raj.)

**Name of Consultant-**

M/s-Envirogreen Consultants (India) Private Limited, Add.- 1-B, MachhlaMagra, Near Patel Circle, Udaipur,  
Email- [Info@Egcipl.Com](mailto:Info@Egcipl.Com)

**Observations and Resolution of the Committee-**

The PP vide letter 08.04.2023 has requested to withdraw the project. The Committee in view of the application of PP resolved to recommend to SEIAA to close and delist the matter.

**Agenda no.08. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (20895)/ 2022-23**

**Project Name-**

EIA/EMP in entire cluster of Cluster no-02 “Dari” Granite Mine, Total Cluster Area-18.0 Hectare, Total Cluster Production Capacity-3,97,850 TPA (ROM), Total Applied Existing Area- 3.0 Hectare, M.L no-08/2014, Khasra no-583/13 with Expansion in Production capacity in Earlier EC granted- from 17,453 TPA (ROM) to 1,00,000 TPA (ROM), in favor of M/S Shree Shyam Minerals, located Near Village- Dari, tehsil- Pali, District- Pali, Rajasthan. **(Proposal No-73776)**

**Name of Proponent-**

M/S SHYAM MINERALS, Address-Magh Colony, Tehsil- Bhinmaal, District- Jalore Rajasthan,  
Email- [shyam40minerals@gmail.com](mailto:shyam40minerals@gmail.com)

**Name of Consultant-**

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](mailto:Nsenvirotech@Gmail.Com)

**Observations and Resolution of the Committee-**

The committee observed that the proposal has already been considered in 5B.42 meeting, therefore, no action required.

**Agenda no.09. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22123)/ 2022-23**

**Project Name-**

Environmental Clearance for Masonary Stone, Gravel &Murrum Mining Project, M.L. No. 04/2022, Ref. No.20211000043970, Area-2.2216 Hectare, Proposed Production Capacity-

337274 TPA (ROM) {Saleable – 299821 TPA, & Waste- 37453 TPA}, Khasra No.563/41 Village-BenathaJogaliya , Tehsil-Bidasar, District-Churu (Rajasthan) (**Proposal no.404060**).

**Project Proponent Name-**

Smt. Puspa Devi W/o Sh. Madan Singh Sisodiya,R/o–1213 Gali No. 04, Hanumanhattha, Tehsil & District: Bikaner (Raj.)  
Email-pd0257159@gmail.com

**Name of Consultant-**

M/s Parivesh Environmental Engineering Services, Address:- 5/916, ViramKhand, Gomati Nagar,Lucknow,U.P  
Email-somilenviro@gmail.com

*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 - BenathaJogaliya , Tehsil-Bidasar, District-Churu (Rajasthan)			
3.	Project Details M.L No./ Production Capacity	Ref. No. - Khasra No.	:	202110000043970	
		Area	:	2.2216 HECT.	
		Production (TPA)	:	337274 (ROM)	
		Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)			
4.	Project Cost	Project Cost: Rs 100 lacs/-(in Rs.)			
5.	Water requirement & Source	5.0 KLD (Source: Water will be sourced from nearby villages)			
6.	Fuel & Energy	Power requirements will be full filled by nearest viduatvitranngam limited.			
7.	Application no., Date of Documents Submitted	Category	:	B2	
		Proposal No.	:	404060	
		SEAC FILE NO.	:	22123	
		SEAC Meeting No.	:	5B.45th	
		Agenda Sr. No.	:	09	
Date of Presentation	:	10.04.2023			
8.	Information about Aravalli certificate	Aravali Certificate has been issued by Assistant Mining Engineer, Churu (Raj.)			
9.	Date of Air, Water, Noise, monitoring	Monitoring was conducted by Noida Testing Laboratories, Approved by MoEF& CC, New Delhi.			
10.	Information about 500 mts composite map	500 mts composite Assistant Mining Engineer,Churu (Raj.)Area falling within 500 mts :- AME/Churu/Map/20211000043970/2023/18 Dated- 15.02.2023 Total Cluster area :- 3.4133 Ha			
11.	Environment Management Plan	Environment Management Plan Expenditures: Capital Cost :Rs. 19.16lacs Recurring Cost : Rs. 5.7lacs per annum.			
		Sr. No.	Particulars	Capital Cost (Rs. Lac)	Recurring Cost (Rs. Lac)
		1	Pollution monitoring – Air, Water, Noise and Soil	--	0.8
		2	Pollution control (water Sprinkling)	--	0.5
		3	Green Belt development (Tree guards, plantation and its maintenances etc.)	14.66	3.3
4	Contribution towards construction and maintenances of	9.0	0.4		

			the kachha roads after consultation with the concerned gram panchayat.								
		5.	Construction & Maintenance of Septic tank	2.5	0.7						
		<b>Total</b>		<b>19.16</b>	<b>5.7</b>						
12.	Greenbelt & Plantation	<b>Year</b>	<b>7.5 mtr. Safety barrier of the lease area</b>	<b>remaining will be done along road side and nearby area such as in school, village</b>	<b>Backfilled (Reclaimed Area)</b>	<b>Top Soil Dumps</b>	<b>Total</b>				
			<b>Area (Ha.)</b>	<b>No. of Trees</b>	<b>Area (Ha.)</b>	<b>No. of Trees</b>	<b>Area (Ha.)</b>	<b>No. of Trees</b>			
		Existing									
		1st	0.4381	438	0.2949	295	--	--	0.733	733	
		2nd	Replacement & Maintenance of plants								
		3rd									
		4th									
		5th									
		<b>Total</b>	<b>0.4381</b>	<b>438</b>	<b>0.2949</b>	<b>295</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>0.733</b>	<b>733</b>
		<i>Note: - At the end of first year Green Belt /Plantation will be done in 0.733 ha. i.e. 733 sapling area will be covered under green belt. Out of which 0.4381 ha. Area will be covered under 7.5 mtr. Safety barrier on around the lease periphery &amp; 0.2949 ha. i.e. 295 sapling remaining plantation will be done along road side and nearby area such as in school, village. Which will be equal to 33% of the mine area like Neem , Khejri , Rohera, etc</i>									
13.	Budgetary breakup for labour	<b>Sr. No.</b>	<b>Facility provided for Labour</b>			<b>Capital Cost in Rs.</b>		<b>Recurring cost in Rs.</b>			
		1.	Sheltar, Safe Drinking , Water , Sanitation Facility			2,00,000/-		Maintenances Cost : 7,000/-			
		2.	Periodic Medical Examination once in three years @500 workers			-		6000			
		3.	Group insurance @ Rs. 1500 per worker			-		18,000			
		4.	Provision for personal protective equipment (PPEs) like ear plugs, dust masks, helmet, shoes for 20 workers			--		24,000/-			
		5.	First Aid Box			-		4,000/-			
		<b>Total</b>						2,00,000/-		59,000/-	
14.	Present Status	Proposed Mine site.									

### Observations of the Committee-

The Committee considered/examined the project proposal in its meeting **5B.45th** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The SME, Bikaner vide order dated 25.05.2022 has issued LoI to the PP for mining of Masonary Stone, Gravel & Murrum Mineral having validity till 18 months. The Mining Plan has been approved by the SME, Bikaner vide letter dated 30.08.2022. Also, AME, Churu vide certificate dated 15.02.2023 has stated that the mining lease does not fall in Aravali Hills.

DCF, Churuvide certificate dated 24.01.2023 has stated that there is no Wildlife Sanctuary/National Park/Tal chapper wildlife Sanctuary within 10.0 km periphery of the mine. The Nearest forestland is at distance of 10.1 km from lease area.

The AME, Churuvide certificate dated 15.02.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 3.4133 Hectare.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

### **Agenda no.10. File no. F1 (4)/SEIAA/SEAC-Raj/Seckt/Project/Cat. B2 (22539)/ 2022-23**

#### **Project Name-**

Environmental Clearance for Sand stone & Khanda (Masonry stone) Mining project, Plot No.80/2022, Area-1.00 Hectare, Proposed Production Capacity- 75816 TPA (ROM) { Sandstone- 12117 MT, Masonry Stone-60918 MT & Waste- 2781 MT}, Khasra No- 776 Village-Dhaneshwar, Tehsil- Talera, District- Bundi (Rajasthan) **(Proposal no.416260)**

#### **Project Proponent Name-**

Shri Rajat Jain S/o Vijay Kumar Jain , R/o- 702, Shastri Nagar , dadabari, Kota, (Raj.)  
Email- rajatjain2023321@gmail.com

#### **Name of Consultant-**

M/s Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.)  
Email:- [cognizanceresearchindiapl@gmail.com](mailto:cognizanceresearchindiapl@gmail.com)

***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 – Dhaneshwar, Tehsil – Talera, District– Bundi (Raj.)Topo sheet No. 450/12			
		<b>Pillar</b>	<b>Latitude</b>	<b>Longitude</b>	
		A	25 <sup>0</sup> 04'43.42993"	75 <sup>0</sup> 36'12.37515"	
		B	25 <sup>0</sup> 04'43.41540"	75 <sup>0</sup> 36'15.94477"	
		C	25 <sup>0</sup> 04'40.16442"	75 <sup>0</sup> 36'15.92881"	
	D	25 <sup>0</sup> 04'40.17895"	75 <sup>0</sup> 36'12.35921"		
3.	Project Details Plot No. /Production capacity	(Plot No. - 80/2022) Khasra No.- 776 Area- 1.00 Hect. Prop. Production Capacity-75816 TPA (ROM) {Saleable Sandstone Mineral: 12117 TPA+ Saleable Khanda (Masonry Stone) Mineral:60918 TPA+Waste:2781 TPA}			
4.	Project Cost:	Rs. 1.50 Cr.			
5.	Water Requirement & Source	Total water requirement is about 5.5 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.0 KLD (Plantation) KLD + 2.0 KLD (Dust Suppression) + 1.5 KLD (Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages.			
6.	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation. No Electricity will be needed in the proposed project.			
7.	Application No. & Date & documents submitted :-	Category	: B2		
		SEAC FILE NO.	: 22539		
		Agenda Sr. No.	: 10		
		Date of Presentation	: 11/04/2023		
		Proposal No.	: 416260		
8.	Information about Aravalli Certificate.	Aravalli Certificate has been issued by Mining Engineer, Bundi vide letter No. ME/Bundi-I/Map/E-Auction Plot No. 80/ 2022/5036 on dated 15/11/2022.			
	Date of Air/ Noise/Water/S oil Monitoring	24/11/2022			
9.	Information about cluster certificate& 500m Map	Cluster Certificate has been issued by Mining Engineer, Bundi vide letter No. ME/Bundi-I/Map/E-Auction Plot No. 80/ 2022/5037 on dated 15/11/2022  Area falling within 500 Mts. 1.00 Hect. This Certificate has been issued by Mining Engineer, Bundi vide letter No. ME/Bundi-I/Map/E-Auction Plot No. 80/ 2022/5037 on dated 15/11/2022			
10.	Environment Management Plan	Environment Management Plan Expenditures: Capital Cost: Rs. 9, 00,000/- Recurring Cost: Rs. 4, 00,000/-per annum.			
		<b>Sl. No.</b>	<b>Measures</b>	<b>Exp. Cost in Rs.</b>	<b>Exp. Cost in Rs.</b>

		(First Year)	(Second Year)	(Recurring)
1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	3,50,425/-	3,50,425/-	2,67,700/-
2	Modular STP for Workers	2,50,000	-	10,000
3	Management of hazardous waste if any	10,000	10,000	10,000
4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000/-
5	Green Belt & Tree Guard	2,89,575/-	2,89,575/-	1,02,300/-
<b>Total</b>		<b>9,00,000/-</b>	<b>6,50,000/-</b>	<b>4,00,000/-</b>
There will be increment of 5% every year in the recurring cost of the EMP				

11.	Green Belt/ Plantation	<p>Expenditure of Green Belt Rs 2,89,575 /- (Total green belt will be the 33% of the ML area 0.33 Ha. in the Statutory Barrier &amp; Outside the lease area as per NOC. Native species which are more suitable to the local environment are preferred to be planted such as like Mango (Mangifera indica), Neem (Azadirachta indica), Palash (Butea Monosperma), Pipal (Ficus Religiosa), Shisham (Dalbergia sissoo) etc. it is proposed to invest Rs.2,89,575/- Per annum for green belt development..</p> <table border="1" data-bbox="472 456 1524 992"> <thead> <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 as per NOC</th> <th rowspan="2">Assumed Survival 80%</th> <th rowspan="2">Replenishment 20 %</th> <th rowspan="2">Remaining 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> </thead> <tbody> <tr> <td>1st</td> <td>165</td> <td>0.08</td> <td>80</td> <td>0.175</td> <td>97</td> <td>132</td> <td>-</td> <td>132</td> </tr> <tr> <td>2nd</td> <td>165</td> <td>0.08</td> <td>80</td> <td>0.175</td> <td>97</td> <td>132</td> <td>33</td> <td>165</td> </tr> <tr> <td>3rd</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>33</td> <td>33</td> </tr> <tr> <td><b>Total</b></td> <td><b>330</b></td> <td><b>0.160</b></td> <td><b>160</b></td> <td><b>0.35</b></td> <td><b>194</b></td> <td><b>264</b></td> <td><b>66</b></td> <td><b>330</b></td> </tr> </tbody> </table> <p><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></p>	Year	No. of Trees	7.5 m Statutory barrier		Outside the lease area as per NOC		Assumed Survival 80%	Replenishment 20 %	Remaining No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	1st	165	0.08	80	0.175	97	132	-	132	2nd	165	0.08	80	0.175	97	132	33	165	3rd	-	-	-	-	-	-	33	33	<b>Total</b>	<b>330</b>	<b>0.160</b>	<b>160</b>	<b>0.35</b>	<b>194</b>	<b>264</b>	<b>66</b>	<b>330</b>
Year	No. of Trees	7.5 m Statutory barrier			Outside the lease area as per NOC		Assumed Survival 80%	Replenishment 20 %				Remaining No. of Trees																																							
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12.	Budgetary Breakup for Labours	<p>Expenditure of Labour Rs 1,50,000/-</p> <table border="1" data-bbox="472 1155 1524 1641"> <thead> <tr> <th>Sr. No.</th> <th>Facility to be Provided for Laborers</th> <th>Exp. Cost in Rs. (Fixed)</th> <th>Exp. Cost in Rs. (Recurring)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Drinking water facility</td> <td>50,000</td> <td>40,000</td> </tr> <tr> <td>2.</td> <td>Health Facility (First aid box, Rest shelter, Medicine &amp; Washroom) &amp; Insurance</td> <td>40,000</td> <td>30,000</td> </tr> <tr> <td>3.</td> <td>Education for Labours children</td> <td>30,000</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>30,000</td> <td>20,000</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>1,50,000</b></td> <td><b>1,10,000</b></td> </tr> </tbody> </table>	Sr. No.	Facility to be Provided for Laborers	Exp. Cost in Rs. (Fixed)	Exp. Cost in Rs. (Recurring)	1.	Drinking water facility	50,000	40,000	2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	40,000	30,000	3.	Education for Labours children	30,000	20,000	4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	30,000	20,000	<b>Total</b>		<b>1,50,000</b>	<b>1,10,000</b>																									
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13.	Present Status	LOI Granted																																																	

### Observations of the Committee-

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The SME, Kota vide order dated 22.08.2022 has issued LoI to the PP for mining of Sand Stone & Khanda (Masonry stone) Mineral having validity till 18 months. The Mining Plan has been approved by the SME, Kota vide letter dated 17.11.2022. Also, ME, Bundi vide certificate dated 15.11.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF, MNP, Kota vide certificate dated 25.01.2023 has stated that the distance of mining lease from boundary of Mukundra Hills Tiger Reserve is 1.35 Km & is outside ESZ of Mukundra Hills Tiger Reserve. DCF, Bundi vide certificate dated 23.09.2021 has stated that the distance of mining lease from nearest forest area is 150 meter. The PP has submitted that there are no NP/WLS within 10 km periphery of mine.

The ME, Bundi vide certificate dated 15.11.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 1.00 Hectare.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and types of equipment used shall be strictly as per proposed plan in the Noise and Vibration/ Blasting Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

### **Agenda no.11. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22542)/ 2022-23**

#### **Project Name-**

Environmental Clearance for Granite Mining Project, M.L. No. 81/2021, Ref. No.- 20211000042632, Area-1.5303 Hectare, Proposed Production Capacity- 150038 TPA (ROM) {Saleable – 48738 TPA & Waste- 101300 TPA}, Khasra No.77 & 78, Village –Chandma, Tehsil – Phooliya Kalan, District – Bhilwara, Rajasthan(**Proposal no.415440**)

#### **Project Proponent Name-**

M/s Kapeesh Granite, R/o-House No.19,Rajpura Road, In front of Central Academy, Bohra Colony,Kekri, Ajmer, Rajasthan. 305404

Email- [kapeeshgranite321@gmail.com](mailto:kapeeshgranite321@gmail.com)

**Name of Consultant-**

M/s Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.)

Email:-cognizanceresearchindiapl@gmail.com

**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 - Chandma, Tehsil- Phooliya Kalan, District- Bhilwara, (Rajasthan) <table border="1"><thead><tr><th>Pillar</th><th>Latitude</th><th>Longitude</th></tr></thead><tbody><tr><td>A</td><td>25°51'08.40035"</td><td>75°01'39.34049"</td></tr><tr><td>B</td><td>25°51'05.88408"</td><td>75°01'45.88797"</td></tr><tr><td>C</td><td>25°51'03.57754"</td><td>75°01'44.56027"</td></tr><tr><td>D</td><td>25°51'06.25226"</td><td>75°01'38.07757"</td></tr></tbody></table>	Pillar	Latitude	Longitude	A	25°51'08.40035"	75°01'39.34049"	B	25°51'05.88408"	75°01'45.88797"	C	25°51'03.57754"	75°01'44.56027"	D	25°51'06.25226"	75°01'38.07757"
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C	25°51'03.57754"	75°01'44.56027"															
D	25°51'06.25226"	75°01'38.07757"															
3.	Project Details ML No. /Production capacity	M.L. No. 81/2021 , Mine Area- 1.5303Hect. Khasra No: 77 & 78 Production -150038TPA(ROM) (Saleable Mineral: 48738TPA + Waste: 101300 TPA)															
4.	Project Cost:	Rs. 2.50 Cr.															
5.	Water Requirement & Source	Total water requirement is about 9.0 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.5 KLD (Plantation) + 2.0 KLD (Dust Suppression) + 4.5 KLD (Wire Saw cutting & Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages.															
6.	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation. electricity Can be needed in the proposed project.															
7.	Application No. & Date & documents submitted :-	Category : B <sub>2</sub> SEAC FILE NO. : 225242 Proposal No. : 415440 Date of documents Submitted : SEAC Meeting No. : 5B. 45th Agenda Sr. No. : 11 Date of Presentation : 11-04-2023															
8.	Information about Aravali Certificate.	Aravali Certificate has been issued by AME, Bhilwara Vide leter no. ME/Bhil/Map/Aravali/M.L. 81/2021/06 on dated 05/01/2022 .															

9.	Date of Air/Water/Noise Monitoring																																				
10.	Information about 500 mts composite map	500 mts composite map has been issued by AME Vide letter no. ME/Bhil/Map/Cluster/M.L. No. 81/2021/07 on dated 05/01/2022.  Cluster Certificate been issued by AME Vide letter no. ME/Bhil/Map/Cluster/M.L. No. 81/2021/08 on dated 05/01/2022.																																			
11.	Environment Management Plan	<p>Environment Management Plan Expenditures: Capital Cost: Rs10,00,000/- Recurring Cost: Rs. 4,96,200 per annum</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Measures</th> <th>Exp. Cost in Rs. (First Year)</th> <th>Exp. Cost in Rs. (Second Year)</th> <th>Exp. Cost in Rs. (Recurring)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control i) Dust Suppression, Wet Drilling &amp; Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.</td> <td>3,97,740</td> <td>3,97,740</td> <td>3,10,000/-</td> </tr> <tr> <td>2</td> <td>Modular STP for Workers</td> <td>2,50,000</td> <td>-</td> <td>10,000</td> </tr> <tr> <td>3</td> <td>Management of hazardous waste if any</td> <td>10,000</td> <td>10,000</td> <td>10,000</td> </tr> <tr> <td>4</td> <td>Pollution Monitoring i) Air pollution ii) Water pollution</td> <td>-</td> <td>-</td> <td>10,000/-</td> </tr> <tr> <td>5</td> <td>Green Belt &amp; Tree Guard</td> <td>4,42,260</td> <td>4,42,260</td> <td>1,56,200/-</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>11,00,000/-</b></td> <td><b>8,50,000/-</b></td> <td><b>4,96,200/-</b></td> </tr> </tbody> </table>	Sl. No.	Measures	Exp. Cost in Rs. (First Year)	Exp. Cost in Rs. (Second Year)	Exp. Cost in Rs. (Recurring)	1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	3,97,740	3,97,740	3,10,000/-	2	Modular STP for Workers	2,50,000	-	10,000	3	Management of hazardous waste if any	10,000	10,000	10,000	4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000/-	5	Green Belt & Tree Guard	4,42,260	4,42,260	1,56,200/-	<b>Total</b>		<b>11,00,000/-</b>	<b>8,50,000/-</b>	<b>4,96,200/-</b>
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2	Modular STP for Workers	2,50,000	-	10,000																																	
3	Management of hazardous waste if any	10,000	10,000	10,000																																	
4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000/-																																	
5	Green Belt & Tree Guard	4,42,260	4,42,260	1,56,200/-																																	
<b>Total</b>		<b>11,00,000/-</b>	<b>8,50,000/-</b>	<b>4,96,200/-</b>																																	
12.	Green Belt/ Plantation	<p>Expenditure Green Belt Rs 4,42,260 /-</p> <p>Total green belt will be the 33% of the lease area 0.504Ha. of the area will be planted. And Outside of the lease area as per NOC.</p> <p>Native species which are more suitable to the local environment are preferred to be</p>																																			

planted such as like Amla (PhyllanthusEmblica), Palash (Buteamonosperma), Neem (AzadirachtaIndica), Mango (Mangiferaindica) etc. it is the proposed to invest 4,42,260/-Rs. Per annum for greenbelt development.

Year	No. of Trees	7.5 m Statutory Barrier		Outside the lease area as per NOC.		Assumed Survival 80%	Replenishment 20 %	Total No. of Trees
		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees			
1st Year	252	0.102	102	0.150	150	202	-	202
2nd Year	252	0.102	102	0.150	150	202	50	252
3rd Year	-	-	-	-	-	-	50	50
<b>Total</b>	<b>504</b>	<b>0.204</b>	<b>204</b>	<b>0.300</b>	<b>300</b>	<b>404</b>	<b>100</b>	<b>504</b>

**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.**

“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 Lessee Shall Comply all Condition as per Office Memorandum 16/01/2020.

13. Budgetary Breakup for Labour

The information regarding Budgetary breakup for labor 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	80,000	70,000
2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	70,000	50,000
3.	Education for Labors children	50,000	40,000
4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety	50,000	40,000

		Shoes etc.		
		<b>Total</b>	<b>2,50,000/-</b>	<b>2,00,000/-</b>
	Present Status :-	LOI Granted		

### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The ADM, Udaipur vide order dated 22.12.2021 has issued LoI to the PP for mining of Granite Stone Mineral having validity till 18 months. The Mining Plan has been approved by the ADM, Udaipur vide letter dated 11.01.2023. Also, AME, Bhilwara vide certificate dated 05.01.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF, Ajmer vide certificate dated 19.01.2023 has stated that there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine.

The AME, Bhilwara vide certificate dated 19.01.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

### **Agenda no.12. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22556)/ 2022-23**

#### **Project Name-**

Environmental Clearance for Masonary Stone Mining Project, Plot No.50, Area-1.10 Hectare, Proposed Production Capacity- 120000 TPA (ROM) {Saleable – 114000 TPA &

Waste- 6000 TPA }, Khasra No.462, Village-Mohabbat Nagar, Tehsil- Sirohi, District- Sirohi, Rajasthan (**Proposal no.416782**)

**Project Proponent Name-**

Shri Arip Khan S/o Ibrahim Khan, R/o-Madalpura Tehsil - Jalore, District- Jalore (Raj.)  
Email- [khanariph449@gmail.com](mailto:khanariph449@gmail.com)

**Name of Consultant-**

M/s Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.)  
Email- [cognizanceresearchindiapl@gmail.com](mailto:cognizanceresearchindiapl@gmail.com)

*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 – Mohabbat Nagar, Tehsil – Sirohi, District– Sirohi (Raj.)Topo sheet No. 45D/9		
		<b>Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	24°56'39.5535"N	72°36'13.5390"E
		B	24°56'43.1625"N	72°36'14.0958"E
		C	24°56'43.7208"N	72°36'10.2242"E
		D	24°56'40.5119"N	72°36'09.6675"E
3.	Project Details Plot No. /Production capacity	(Plot No. - 50) Khasra No.- 462 Area- 1.100Hect. Prop. Production Capacity-120000 TPA (ROM) { 114000 TPA Masonary stone + 6000 TPA Waste }		
4.	Project Cost:	Rs. 2.00 Cr.		
5.	Water Requirement & Source	Total water requirement is about 4.5 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.0 KLD (Plantation) KLD +1.5 KLD (Dust Suppression) + 1.0 KLD (Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages.		
6.	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation. No Electricity will be needed in the proposed project.		

7.	Application No. & Date & documents submitted :-	Category : B2 SEAC FILE NO. : 22556 Agenda Sr. No. : 12 Date of Presentation : 11/04/2023										
8.	Information about Aravali Certificate.	Aravali Certificate has been issued by Assistant Mining Engineer, Sirohi vide letter No. ME/SIROHI/CLUSTER/2023/131 on dated 23/01/2023.										
	Date of Air/ Noise/Water/Soil Monitoring	Issued Date - 25/02/2023										
9.	Information about cluster certificate & 500m Map	Cluster Certificate has been issued by Assistant Mining Engineer, Sirohi vide letter No. ME/SIROHI/CLUSTER/2023/130 on dated 23/01/2023.  Area falling within 500 mts Hect. This Certificate has been issued by Assistant Mining Engineer, Sirohi vide letter No. ME/SRH/DM/DRW. NO- 671 on dated 17/01/2023.										
10.	Environment Management Plan	Environment Management Plan Expenditures: Capital Cost: Rs. 8, 00, 000/- Recurring Cost: Rs. 4, 00,000/-per annum.										
		<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Measures</th> <th>Exp. Cost in Rs. (First Year)</th> <th>Exp. Cost in Rs. (Second Year)</th> <th>Exp. Cost in Rs. (Recurring)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control i) Dust Suppression, Wet Drilling &amp; Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.</td> <td>2,20,590/-</td> <td>2,20,590/-</td> <td>2,57,200/-</td> </tr> </tbody> </table>	Sl. No.	Measures	Exp. Cost in Rs. (First Year)	Exp. Cost in Rs. (Second Year)	Exp. Cost in Rs. (Recurring)	1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	2,20,590/-	2,20,590/-	2,57,200/-
Sl. No.	Measures	Exp. Cost in Rs. (First Year)	Exp. Cost in Rs. (Second Year)	Exp. Cost in Rs. (Recurring)								
1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	2,20,590/-	2,20,590/-	2,57,200/-								

		2	Modular STP for Workers	2,50,000	-	10,000/-																																																	
		3	Management of hazardous waste if any	10,000	10,000	10,000/-																																																	
		4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000/-																																																	
		5	Green Belt & Tree Guard	3,19,410 /-	3,19,410 /-	1,12,800/-																																																	
		<b>Total</b>		<b>8,00,000/-</b>	<b>5,50,000/-</b>	<b>4,00,000/-</b>																																																	
		There will be increment of 5% every year in the recurring cost of the EMP																																																					
11.	Green Belt/ Plantation	<p>Expenditure of Green Belt Rs 3,19,410 /- (Total green belt will be the 33% of the ML area 0.364 Ha. in the Statutory Barrier &amp; Outside the lease area as per NOC. Native species which are more suitable to the local environment are preferred to be planted such as like Mango (<i>Mangifera indica</i>), Neem (<i>Azadirachta indica</i>), Palash (<i>Butea Monosperma</i>), Pipal (<i>Ficus Religiosa</i>), Shisham (<i>Dalbergiasissoo</i>) etc. it is the proposed to invest Rs 3,19,410 /-Per annum for greenbelt development</p> <table border="1"> <thead> <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 as per NOC</th> <th rowspan="2">Assumed Survival 80%</th> <th rowspan="2">Replenishment 20 %</th> <th rowspan="2">Remaning 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> </thead> <tbody> <tr> <td>1st</td> <td>182</td> <td>0.073</td> <td>73</td> <td>0.109</td> <td>109</td> <td>146</td> <td></td> <td>146</td> </tr> <tr> <td>2nd</td> <td>182</td> <td>0.073</td> <td>73</td> <td>0.109</td> <td>109</td> <td>146</td> <td>36</td> <td>182</td> </tr> <tr> <td>3rd</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>36</td> <td>36</td> </tr> <tr> <td><b>Total</b></td> <td><b>364</b></td> <td><b>0.146</b></td> <td><b>146</b></td> <td><b>0.218</b></td> <td><b>218</b></td> <td><b>292</b></td> <td><b>72</b></td> <td><b>364</b></td> </tr> </tbody> </table> <p><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></p>					Year	No. of Trees	7.5 m Statutory barrier		Outside the lease area as per NOC		Assumed Survival 80%	Replenishment 20 %	Remaning No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	1st	182	0.073	73	0.109	109	146		146	2nd	182	0.073	73	0.109	109	146	36	182	3rd							36	36	<b>Total</b>	<b>364</b>	<b>0.146</b>	<b>146</b>	<b>0.218</b>	<b>218</b>	<b>292</b>	<b>72</b>	<b>364</b>
Year	No. of Trees	7.5 m Statutory barrier		Outside the lease area as per NOC		Assumed Survival 80%			Replenishment 20 %	Remaning No. of Trees																																													
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12.	Budgetary Breakup for Labors	Expenditure of Labour Rs 2,00,000/-																																																					
		<b>Sr. No.</b>	<b>Facility to be Provided for Laborers</b>	<b>Exp. Cost in Rs.</b>	<b>Exp. Cost in Rs.</b>																																																		

			(Fixed)	(Recurring)	
		1.	Drinking water facility	50,000	30,000
		2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	40,000	20,000
		3.	Education for Labors children	60,000	25,000
		4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	50,000	25,000
		<b>Total</b>		<b>2,00,000</b>	<b>1,00,000</b>
13.	Present Status	LOI Granted			

### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup> 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The SME, Jodhpur vide order dated 12.09.2022 has issued LoI to the PP for mining of Masonry Stone Mineral having validity till 18 months. The Mining Plan has been approved by the SME, Jodhpur vide letter dated 16.01.2023. Also, ME, Sirohi vide certificate dated 23.01.2023 has stated that the mining lease does not fall in Aravali Hills.

The ME, Sirohi vide certificate dated 23.01.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 1.10 Hectare.

DCF,Sirohi vide certificate dated 13.04.2023 has stated that the distance of nearest forest division "Nawara Gaashbeed" is 7km & it is outside ESZ of Mount Abu WLS Besides there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

**Agenda no.13. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22559)/ 2022-23**

**Project Name-**

Environmental Clearance for Masonry Stone Mining Project, Plot No. 51, Area-1.10 Hectare, Proposed Production Capacity- 120000 TPA (ROM) {Saleable – 114000 TPA & Waste-6000 TPA}, Khasra No.462, Village-Mohabbat Nagar, Tehsil- Sirohi, District- Sirohi, Rajasthan (**Proposal no.416786**).

**Project Proponent Name-**

Sh. Jamshed Khan S/o Sh. Ibrahim Khan ,R/o Madalpura, Tehsil-Jalore , Dist.- jalore (Raj.)  
Email- [jamshedkhan9495@gmail.com](mailto:jamshedkhan9495@gmail.com)

**Name of Consultant-**

M/s Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.)  
Email- [cognizanceresearchindiapl@gmail.com](mailto:cognizanceresearchindiapl@gmail.com)

***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 – Mohabbat Nagar, Tehsil – Sirohi, District– Sirohi (Raj.) Topo sheet No. 45D/9		
		<b>Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	24°56'43.1625"N	72°36'14.0958"E
		B	24°56'46.3714"N	72°36'14.6526"E
		C	24°56'46.9298"N	72°36'10.7809"E
		D	24°56'43.7208"N	72°36'10.2242"E
3.	Project Details Plot No. /Production capacity	(Plot No. - 51) Khasra No.- 462 Area- 1.100Hect. Proposed Production:- 120000 TPA (ROM) (Saleable 114000 TPA, + Waste 6000 TPA)		

4.	Project Cost:	Rs. 1.50 Cr.																																			
5.	Water Requirement & Source	Total water requirement is about 6.5 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.0 KLD (Plantation) KLD +3.0 KLD (Dust Suppression) + 1.5 KLD (Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages.																																			
6.	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation. No Electricity will be needed in the proposed project.																																			
7.	Application No. & Date & documents submitted :-	Category : B2 SEAC FILE NO. : 22559 Agenda Sr. No. : 13 Date of Presentation : 11/04/2023																																			
8.	Information about Aravali Certificate.	Aravali Certificate has been issued by Mining Engineer, Sirohi vide letter No. ME/SIROHI/CLUSTER/2023/127 on dated 23/01/2023.																																			
9.	Information about cluster certificate & 500m Map	Cluster Certificate has been issued by Assistant Mining Engineer, Sirohi vide letter No. ME/SIROHI/CLUSTER/2023/126 on dated 23/01/2023.  Area falling within 500 mts 1.10Hect. This Certificate has been issued by Assistant Mining Engineer, Sirohi vide letter No. ME/SRH/DM/DRW. NO- 670 on dated 17/01/2023.																																			
10.	Environment Management Plan	<p>Environment Management Plan Expenditures: Capital Cost: Rs. 8, 00, 000/- Recurring Cost: Rs. 3,32,800/-per annum.</p> <table border="1"> <thead> <tr> <th>SI. No.</th> <th>Measures</th> <th>Exp. Cost in Rs. (First Year)</th> <th>Exp. Cost in Rs. (Second Year)</th> <th>Exp. Cost in Rs. (Recurring)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control i) Dust Suppression, Wet Drilling &amp; Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.</td> <td>2,20,590/-</td> <td>2,20,590/-</td> <td>1,90,000/-</td> </tr> <tr> <td>2</td> <td>Modular STP for Workers</td> <td>2,50,000/-</td> <td>-</td> <td>10,000/-</td> </tr> <tr> <td>3</td> <td>Management of hazardous waste if any</td> <td>10,000/-</td> <td>10,000/-</td> <td>10,000/-</td> </tr> <tr> <td>4</td> <td>Pollution Monitoring i) Air pollution ii) Water pollution</td> <td>-</td> <td>-</td> <td>10,000/-</td> </tr> <tr> <td>5</td> <td>Green Belt &amp; Tree Guard</td> <td>3,19,410/-</td> <td>3,19,410/-</td> <td>1,12,800/-</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>8,00,000/-</b></td> <td><b>5,50,000/-</b></td> <td><b>3,32,800/-</b></td> </tr> </tbody> </table> <p>There will be increment of 5% every year in the recurring cost of the EMP</p>	SI. No.	Measures	Exp. Cost in Rs. (First Year)	Exp. Cost in Rs. (Second Year)	Exp. Cost in Rs. (Recurring)	1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	2,20,590/-	2,20,590/-	1,90,000/-	2	Modular STP for Workers	2,50,000/-	-	10,000/-	3	Management of hazardous waste if any	10,000/-	10,000/-	10,000/-	4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000/-	5	Green Belt & Tree Guard	3,19,410/-	3,19,410/-	1,12,800/-	<b>Total</b>		<b>8,00,000/-</b>	<b>5,50,000/-</b>	<b>3,32,800/-</b>
SI. No.	Measures	Exp. Cost in Rs. (First Year)	Exp. Cost in Rs. (Second Year)	Exp. Cost in Rs. (Recurring)																																	
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<b>Total</b>		<b>8,00,000/-</b>	<b>5,50,000/-</b>	<b>3,32,800/-</b>																																	

	Green Belt/ Plantation	<p>Expenditure of Green Belt Rs 3,19,410 /- (Total green belt will be the 33% of the ML area 0.364 Ha. in the Statutory Barrier &amp; Outside the lease area as per NOC. Native species which are more suitable to the local environment are preferred to be planted such as like Mango (Mangifera indica), Neem (Azadirachta indica), Palash (Butea Monosperma), Pipal (Ficus Religiosa), Shisham (Dalbergiasissoo) etc. it is the proposed to invest Rs 3,19,410 /-Per annum for greenbelt development</p> <table border="1" data-bbox="416 416 1516 857"> <thead> <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 as per NOC</th> <th rowspan="2">Assumed Survival 80%</th> <th rowspan="2">Replenishment 20 %</th> <th rowspan="2">Remaining 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> </thead> <tbody> <tr> <td>1st</td> <td>182</td> <td>0.100</td> <td>100</td> <td>0.082</td> <td>82</td> <td>146</td> <td>-</td> <td>146</td> </tr> <tr> <td>2nd</td> <td>182</td> <td>0.100</td> <td>100</td> <td>0.082</td> <td>82</td> <td>146</td> <td>36</td> <td>182</td> </tr> <tr> <td>3rd</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>36</td> <td>36</td> </tr> <tr> <td><b>Total</b></td> <td><b>364</b></td> <td><b>0.200</b></td> <td><b>0.200</b></td> <td><b>0.164</b></td> <td><b>164</b></td> <td><b>292</b></td> <td><b>72</b></td> <td><b>364</b></td> </tr> </tbody> </table> <p><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></p>	Year	No. of Trees	7.5 m Statutory barrier		Outside the lease area as per NOC		Assumed Survival 80%	Replenishment 20 %	Remaining No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	1st	182	0.100	100	0.082	82	146	-	146	2nd	182	0.100	100	0.082	82	146	36	182	3rd	-	-	-	-	-	-	36	36	<b>Total</b>	<b>364</b>	<b>0.200</b>	<b>0.200</b>	<b>0.164</b>	<b>164</b>	<b>292</b>	<b>72</b>	<b>364</b>
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12.	Present Status	LOI Granted																																																	

### Observations of the Committee-

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The SME, Jodhpur vide order dated 12.09.2022 has issued LoI to the PP for mining of Masonry Stone Mineral having validity till 18 months. The Mining Plan has been approved by the SME, Jodhpur vide letter dated 16.01.2023. Also, ME, Sirohi vide certificate dated 23.01.2023 has stated that the mining lease does not fall in Aravali Hills.

Final minutes of 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023

The ME, Sirohi vide certificate dated 23.01.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 1.10 Hectare.

DCF,Sirohi vide certificate dated 13.04.2023 has stated that the distance of nearest forest division “Nawara Gaashbeed” is 7km & it is outside ESZ of Mount Abu WLS Besides there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

### **Agenda no.14. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22560)/ 2022-23**

#### **Project Name-**

Environmental Clearance for Masonry Stone Mining Project, Plot No.92, Area-1.0 Hectare, Proposed Production Capacity- 90000 TPA (ROM) {Saleable –85500 TPA & Waste- 4500 TPA}, Khasra No.442, Village- Kodi Chopawtan, Tehsil- Raniwara, District- Jalore, Rajasthan (**Proposal no.416884**)

#### **Project Proponent Name-**

Smt. Bhanwar Kanwar W/o Sh. Jethu Singh,R/o- Bere Par, Bangari, Tehsil- Pali, District- Pali (Raj.)

Email - bhanvarkanwar1212@gmail.com

#### **Name of Consultant-**

M/s Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.)

Email-cognizanceresearchindiapl@gmail.com

*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– Kodi Chopawtan, Tehsil:- Raniwara, District:- Jalore, State –Rajasthan
3.	Project Details Khasra No. /ML Production capacity	Plot No.- 92 Khasra No. 442 (Govt. land) Area- 1.00 Ha. Proposed Production Capacity:- 90000 TPA (ROM) (Saleable Mineral: 85500 TPA + Waste: 4500 TPA)
4.	Project Cost:	Rs. 2.50 Cr.
5.	Water Requirement & Source	Total water requirement is about 8.5 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.0 KLD (Plantation) + 2.0 KLD (Dust Suppression) + 4.5 (Wire Saw Cutting & Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages.
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. : 22560 SEAC Meeting No. : 5B.45 Agenda Sr. No. : 14 Date of Presentation : 11/4/2023
8.	Information about Aravalli Certificate.	Aravalli Certificate has been issued by Mining Engineer Jalore, vide order no. ME/Jalore/Map/2022/1991 dated 14/12/2022.
	Date of Air/Water/Noise Monitoring	Monitoring was conducted by Noida Testing Laboratories., Approved by NABL, Noida on dated 15/2/2023.
9.	Information about 500 mts composite map	500 mts composite map has been issued by Mining Engineer Jalore, vide order no. ME/Jalore/Map/2022/1993 dated 14/12/2022.  Area falling in 500 map is 1.00 Hect  Cluster Certificate has been issued by Mining Engineer Jalore, vide order no. ME/Jalore/Map/2022/1992 dated 14/12/2022

10.	Environment Management Plan	<p>Environment Management Plan Expenditures: Capital Cost: Rs. <b>9,00,000/-</b></p> <table border="1" data-bbox="528 208 1409 797"> <thead> <tr> <th>SI. No.</th> <th>Measures</th> <th>Exp. Cost 1<sup>st</sup> Year</th> <th>Exp. Cost 2<sup>nd</sup> Year</th> <th>Recurring Cost/Year</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control i) Dust Suppression, Wet Drilling &amp; Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.</td> <td>3,47,175</td> <td>3,47,175</td> <td>2,32,000</td> </tr> <tr> <td>2</td> <td>Modular STP for Workers</td> <td>2,50,000</td> <td>-</td> <td>10,000</td> </tr> <tr> <td>3</td> <td>Management of hazardous waste if any</td> <td>10,000</td> <td>10,000</td> <td>10,000</td> </tr> <tr> <td>4</td> <td>Pollution Monitoring i) Air pollution ii) Water pollution</td> <td>-</td> <td>-</td> <td>10,000</td> </tr> <tr> <td>5</td> <td>Green Belt &amp; Tree Guard</td> <td>2,92,825</td> <td>2,92,825</td> <td>1,38,000</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>9,00,000</b></td> <td><b>6,50,000</b></td> <td><b>4,00,000</b></td> </tr> </tbody> </table> <p>There Will Be increment of 5% Every Year in the Recurring Cost of the EMP.</p>	SI. No.	Measures	Exp. Cost 1 <sup>st</sup> Year	Exp. Cost 2 <sup>nd</sup> 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.	3,47,175	3,47,175	2,32,000	2	Modular STP for Workers	2,50,000	-	10,000	3	Management of hazardous waste if any	10,000	10,000	10,000	4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000	5	Green Belt & Tree Guard	2,92,825	2,92,825	1,38,000	<b>Total</b>		<b>9,00,000</b>	<b>6,50,000</b>	<b>4,00,000</b>														
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11.	Green Belt/ Plantation	<p>Expenditure of Green Belt Rs 2,92,825/-</p> <p>Total green belt will be planted 33% of the ML area 0.33 Ha. planted in the Statutory barrier and outside the lease area as per plantation NOC.</p> <p>Native species which are more suitable to the local environment are preferred to be planted such as like Neem (<i>Azadiracta indica</i>), Khejra (<i>Prosopis cineraria</i>), Khair (<i>Acacia catechu</i>) etc. it is the proposed to invest 2,92,825/- Rs. Per annum for greenbelt development</p> <table border="1" data-bbox="528 1274 1409 1715"> <thead> <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 as per plantation NOC</th> <th rowspan="2">Assumed Survival 80%</th> <th rowspan="2">Replenishment 20 %</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> </thead> <tbody> <tr> <td><i>1st Year</i></td> <td>165</td> <td>0.065</td> <td>65</td> <td>0.100</td> <td>0.100</td> <td>132</td> <td>-</td> <td>132</td> </tr> <tr> <td><i>2nd Year</i></td> <td>165</td> <td>0.065</td> <td>65</td> <td>0.100</td> <td>0.100</td> <td>132</td> <td>33</td> <td>165</td> </tr> <tr> <td><i>3rd Year</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>33</td> <td>33</td> </tr> <tr> <td><b>Total</b></td> <td><b>330</b></td> <td><b>0.130</b></td> <td><b>130</b></td> <td><b>0.200</b></td> <td><b>200</b></td> <td><b>264</b></td> <td><b>66</b></td> <td><b>330</b></td> </tr> </tbody> </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 as per plantation NOC		Assumed Survival 80%	Replenishment 20 %	Total No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	<i>1st Year</i>	165	0.065	65	0.100	0.100	132	-	132	<i>2nd Year</i>	165	0.065	65	0.100	0.100	132	33	165	<i>3rd Year</i>							33	33	<b>Total</b>	<b>330</b>	<b>0.130</b>	<b>130</b>	<b>0.200</b>	<b>200</b>	<b>264</b>	<b>66</b>	<b>330</b>
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12.	Budgetary Breakup for Labor	<p>The information regarding Budgetary breakup for labor has been given in PFR &amp; Power Point Presentation</p> <table border="1" data-bbox="528 1906 1409 2016"> <thead> <tr> <th>Sr. No.</th> <th>Facility to be Provided for Laborers</th> <th>Exp. Cost in Rs. (Fixed)</th> <th>Exp. Cost in Rs. (Recurring)</th> </tr> </thead> <tbody> </tbody> </table>	Sr. No.	Facility to be Provided for Laborers	Exp. Cost in Rs. (Fixed)	Exp. Cost in Rs. (Recurring)																																													
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			<b>Yearly)</b>
	1.	Drinking water facility	50,000
	2.	Health Facility (First aid box, Rest shelter, Medicine, Washroom) & Insurance	50,000
	3.	Education for Labor children	70,000
	4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	50,000
		<b>Total</b>	<b>2,20,000/-</b>
13.	Present Status	LOI Granted	

### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup> 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The SME, Jodhpur vide order dated 13.09.2022 has issued LoI to the PP for mining of Masonry Stone having validity till 18 months. The Mining Plan has been approved by the SME, Jodhpur vide letter dated 30.12.2022. Also, ME, Jalore vide certificate dated 14.12.22 has stated that the mining lease does not fall in Aravali Hills.

DCF, Jalore vide certificate dated 10.01.2022 has stated that there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine & nearest forest division Baretha is at 250 m distance from the applied lease area.

The ME, Jalore vide certificate dated 14.12.2022 has stated that as per the MoEF& CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 1.00 Hectare.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

**Agenda no.15. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22561)/ 2022-23**

**Project Name-**

Environmental Clearance for Masonry Stone Mining Project, Plot No. 48, Area-1.10 Hectare, Proposed Production Capacity- 120000 TPA (ROM) {Saleable –114000 TPA & Waste- 6000 TPA}, Khasra No.462, Village- Mohabbat Nagar, Tehsil- Sirohi, District- Sirohi , Rajasthan  
(**Proposal no.416962**)

**Project Proponent Name-**

Smt. Geeta W/o Sh. Shankar lal, R/o- Rupnagar Tehsil- Jalore, District-Jalore, Rajasthan  
Email- nfogeeta9929@gmail.com

**Name of Consultant-**

M/s Cognizance Research India Private Ltd. Address.- Office GT-20, Sec 177, Noida, (U.P.)  
Email:-cognizanceresearchindiapl@gmail.com

***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 – Mohabbat Nagar, Tehsil – Sirohi, District– Sirohi (Raj.)Topo sheet No. 45D/9		
		<b>Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	24°56'33.5356"N	72°36'12.4256"E
		B	24°56'36.7445"N	72°36'12.9823"E
		C	24°56'37.3029"N	72°36'09.1108"E
		D	24°56'34.0939"N	72°36'08.5540"E
3.	Project Details Plot No.	(Plot No. - 48) Khasra No.- 462 Area- 1.100Hect.		

	/Production capacity	Prop. Production Capacity-120000 TPA (ROM) {114000 TPA Masonary stone + 6000 TPA Waste}			
4.	Project Cost:	Rs. 2.00 Cr.			
5.	Water Requirement & Source	Total water requirement is about 4.0 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.0 KLD (Plantation) KLD +1.0 KLD (Dust Suppression) + 1.0 KLD (Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages.			
6.	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation. No Electricity will be needed in the proposed project.			
7.	Application No. & Date & documents submitted :-	Category	: B2		
		SEAC FILE NO.	: 22561		
		Agenda Sr. No.	: 15		
		Date of Presentation	: 11/04/2023		
8.	Information about Aravali Certificate.	Aravali Certificate has been issued by Assistant Mining Engineer, Sirohi vide letter No. SME/JO/CC/Sirohi/ Plot No./48/524 on dated 23/01/2023.			
	Date of Air/ Noise/Water/Soil Monitoring	Lab Monitoring issued date on 23/02/2023			
9.	Information about cluster certificate& 500m Map	Cluster Certificate has been issued by Assistant Mining Engineer, Sirohi vide letter No. ME/SIROHI/CLUSTER/2023/128 on dated 23/01/2023.			
		Area falling within 500 mts Hect. This Certificate has been issued by Assistant Mining Engineer, Sirohi vide letter No. ME/SRH/DM/DRW. NO- 672 on dated 17/01/2023.			
10.	Environment Management Plan	Environment Management Plan Expenditures: Capital Cost: Rs. 8, 00, 000/- Recurring Cost: Rs. 4, 00,000/-per annum.			
		<b>Sl. No.</b>	<b>Measures</b>	<b>Exp. Cost in Rs. (First Year)</b>	<b>Exp. Cost in Rs. (Second</b>
					<b>Exp. Cost in Rs. (Recurring)</b>

			Year)	
1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	2,20,590/-	2,20,590/-	2,57,200/-
2	Modular STP for Workers	2,50,000	-	10,000/-
3	Management of hazardous waste if any	10,000	10,000	10,000/-
4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000/-
5	Green Belt & Tree Guard	3,19,410 /-	3,19,410 /-	1,12,800/-
<b>Total</b>		<b>8,00,000/-</b>	<b>5,50,000/-</b>	<b>4,00,000/-</b>

There will be increment of 5% every year in the recurring cost of the EMP

11.	Green Belt/ Plantation	<p>Expenditure of Green Belt Rs 3,19,410 /- (Total green belt will be the 33% of the ML area 0.364 Ha. in the Statutory Barrier &amp; Outside the lease area as per NOC. Native species which are more suitable to the local environment are preferred to be planted such as like Mango (<i>Mangifera indica</i>), Neem (<i>Azadirachta indica</i>), Palash (<i>Butea Monosperma</i>), Pipal (<i>Ficus Religiosa</i>), Shisham (<i>Dalbergiasissoo</i>) etc. it is the proposed to invest Rs 3,19,410 /-Per annum for greenbelt development</p> <table border="1" data-bbox="459 454 1522 898"> <thead> <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 as per NOC</th> <th rowspan="2">Assumed Survival 80%</th> <th rowspan="2">Replenishment 20 %</th> <th rowspan="2">Remaining 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> </thead> <tbody> <tr> <td>1st</td> <td>182</td> <td>0.073</td> <td>73</td> <td>0.109</td> <td>109</td> <td>146</td> <td></td> <td>146</td> </tr> <tr> <td>2nd</td> <td>182</td> <td>0.073</td> <td>73</td> <td>0.109</td> <td>109</td> <td>146</td> <td>36</td> <td>182</td> </tr> <tr> <td>3rd</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>36</td> <td>36</td> </tr> <tr> <td><b>Total</b></td> <td><b>364</b></td> <td><b>0.146</b></td> <td><b>146</b></td> <td><b>0.218</b></td> <td><b>218</b></td> <td><b>292</b></td> <td><b>72</b></td> <td><b>364</b></td> </tr> </tbody> </table> <p><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></p>	Year	No. of Trees	7.5 m Statutory barrier		Outside the lease area as per NOC		Assumed Survival 80%	Replenishment 20 %	Remaining No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	1st	182	0.073	73	0.109	109	146		146	2nd	182	0.073	73	0.109	109	146	36	182	3rd							36	36	<b>Total</b>	<b>364</b>	<b>0.146</b>	<b>146</b>	<b>0.218</b>	<b>218</b>	<b>292</b>	<b>72</b>	<b>364</b>
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### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The SME, Jodhpur vide order dated 12.09.2022 has issued LoI to the PP for mining of Masonry Stone having validity till 18 months. The Mining Plan has been approved by the SME, Jodhpur vide letter dated 16.01.2023. Also, ME, Sirohi vide certificate dated 23.01.2023 has stated that the mining lease does not fall in Aravali Hills.

The ME, Sirohi vide certificate dated 23.01.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 1.10 Hectare.

DCF,Sirohi vide certificate dated 13.04.2023 has stated that the distance of nearest forest division “Nawara Gaashbeed” is 7km & it is outside ESZ of Mount Abu WLS Besides there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report

**Agenda no.16. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22572)/ 2022-23**

**Project Name-**

Environmental Clearance for Masonry Stone Mining Project, Plot No.52, Area-1.10 Hectare, Proposed Production Capacity- 120000 TPA (ROM) {Saleable –114000 TPA & Waste- 6000 TPA}, Khasra No.462, Village- Mohabbat Nagar, Tehsil- Sirohi, District- Sirohi, , Rajasthan **(Proposal no.417056).**

**Project Proponent Name-**

Shri Murid Khan S/o Sh. Pune Khan, R/o- Kolar, Tehsil & District- Jalore (Raj)  
Email- khanmurid333@gmail.com.

**Name of Consultant-**

M/s Cognizance Research India Private Ltd. Add.- Office GT-20, Sec 177, Noida, (U.P.)  
Email- cognizanceresearchindiapl@gmail.com

***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- Mohabbat Nagar, Tehsil- Sirohi, District- Sirohi (Raj.)		
		<b>Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	24 <sup>0</sup> 56'46.3714"	72 <sup>0</sup> 36'14.6526"
		B	24 <sup>0</sup> 56'49.5804"	72 <sup>0</sup> 36'15.2093"
		C	24 <sup>0</sup> 56'50.1388"	72 <sup>0</sup> 36'11.3377"
		D	24 <sup>0</sup> 56'46.9298"	72 <sup>0</sup> 36'10.7809"
3.	Project Details Plot No. /Production capacity	(Plot No. 52) Khasra No.- 462 Area- 1.10 Hect. Prop. Production Capacity - 120000 TPA (ROM) {Saleable Mineral: 114000 TPA + Waste Mineral : 6000 TPA }		
4.	Project Cost:	Rs. 2.50 Cr.		
5.	Water Requirement & Source	Total water requirement is about 5.0 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.0 KLD (Plantation) KLD + 1.5 KLD (Dust Suppression) + 1.5 KLD (Wet Drilling). Water for Drinking, dust suppression and plantation will be collected from nearby villages.		
6.	Fuel & Energy:-	Only diesel will be required to run vehicles for transportation. No Electricity will be needed in the proposed project.		

7.	Application No. & Date & documents submitted :-	Category : B2 SEAC FILE NO. : 22572 Agenda Sr. No. : 16 Date of Presentation : 11/04/2023																																			
8.	Information about Aravalli Certificate.	Aravalli Certificate has been issued by Mining Engineer Sirohi, vide letter no. ME/Sirohi/Cluster/2023/125 Dated- 23/01/2023.																																			
	Date of Air/ Noise/Water/Soil Monitoring	Lab Report have been Submitted on dated																																			
9.	Information about cluster certificate & 500m Map	Cluster certificate has been issued by Mining Engineer Sirohi, vide letter no. ME/Sirohi/Cluster/2023/124 Dated- 23/01/2023. Area falling within 500 mts is 1.10Ha. excluding this mine area																																			
10.	Environment Management Plan	<table border="1"> <thead> <tr> <th>SI. No.</th> <th>Measures</th> <th>Exp. Cost in Rs. (First Year)</th> <th>Exp. Cost in Rs. (Second Year)</th> <th>Exp. Cost in Rs. (Recurring)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control i) Dust Suppression, Wet Drilling &amp; Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.</td> <td>2,04,660/-</td> <td>2,04,660/-</td> <td>1,50,000/-</td> </tr> <tr> <td>2</td> <td>Modular STP for Workers</td> <td>2,50,000/-</td> <td>-</td> <td>10,000/-</td> </tr> <tr> <td>3</td> <td>Management of hazardous waste if any</td> <td>10,000/-</td> <td>10,000/-</td> <td>10,000/-</td> </tr> <tr> <td>4</td> <td>Pollution Monitoring i) Air pollution ii) Water pollution</td> <td>-</td> <td>-</td> <td>15,000/-</td> </tr> <tr> <td>5</td> <td>Green Belt &amp; Tree Guard</td> <td>3,35,340/-</td> <td>3,35,340/-</td> <td>1,20,080/-</td> </tr> <tr> <td colspan="2">Total</td> <td><b>8,00,000/-</b></td> <td><b>5,50,000/-</b></td> <td><b>3,05,080/-</b></td> </tr> </tbody> </table>	SI. No.	Measures	Exp. Cost in Rs. (First Year)	Exp. Cost in Rs. (Second Year)	Exp. Cost in Rs. (Recurring)	1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	2,04,660/-	2,04,660/-	1,50,000/-	2	Modular STP for Workers	2,50,000/-	-	10,000/-	3	Management of hazardous waste if any	10,000/-	10,000/-	10,000/-	4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	15,000/-	5	Green Belt & Tree Guard	3,35,340/-	3,35,340/-	1,20,080/-	Total		<b>8,00,000/-</b>	<b>5,50,000/-</b>	<b>3,05,080/-</b>
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11.	Green Belt/ Plantation	<p>Expenditure of Green Belt Rs 3,35,340/- Total green belt will be the 33% of the lease area 0.364 Ha of the area will be planted at 7.5m Statutory barrier and Outside the lease area as per NOC. Native specie which are more suitable to the local environment are preferred to be planted such as like Mango (Mangifera Indica), Jungle Jalebi (Pithecellobium dulce), Neem (Azadirachta Indica), Amla (Phyllanthus Emblica) etc.</p> <table border="1" data-bbox="464 383 1477 1111"> <thead> <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">Both side of Road</th> <th rowspan="2">Assumed Survival 80%</th> <th rowspan="2">Replenishment 20 %</th> <th rowspan="2">Remaining 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> </thead> <tbody> <tr> <td>1st Year</td> <td>182</td> <td>0.082</td> <td>82</td> <td>0.100</td> <td>100</td> <td>146</td> <td></td> <td>146</td> </tr> <tr> <td>2nd Year</td> <td>182</td> <td>0.082</td> <td>82</td> <td>0.100</td> <td>100</td> <td>146</td> <td>36</td> <td>182</td> </tr> <tr> <td>3rd Year</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>36</td> <td>36</td> </tr> <tr> <td><b>Total</b></td> <td></td> <td><b>0.164</b></td> <td><b>164</b></td> <td><b>0.200</b></td> <td><b>200</b></td> <td><b>292</b></td> <td><b>72</b></td> <td><b>364</b></td> </tr> </tbody> </table> <p>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.</p>	Year	No. of Trees	7.5 m Statutory barrier		Both side of Road		Assumed Survival 80%	Replenishment 20 %	Remaining No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	1st Year	182	0.082	82	0.100	100	146		146	2nd Year	182	0.082	82	0.100	100	146	36	182	3rd Year	-	-	-	-	-	-	36	36	<b>Total</b>		<b>0.164</b>	<b>164</b>	<b>0.200</b>	<b>200</b>	<b>292</b>	<b>72</b>	<b>364</b>
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13.	Present Status :-	LOI Granted
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### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

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### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

### **Agenda no.17. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22573)/ 2022-23**

#### **Project Name-**

Environmental Clearance for Granite Mining Project, Plot No.172/2021, Area-1.60 Hectare, Proposed Production Capacity- 201230 TPA (ROM) {Saleable –100615 TPA & Waste-100615 TPA}, Khasra No .702/785, Village - Hathisar, Tehsil- Asind, District- Bhilwara, Rajasthan (**Proposal no. 416780**)

Final minutes of 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023

**Project Proponent Name-**

M/s Silica Mines India Private Limited, R/o-House No.30/113, M.C.D.142, Ground Floor,  
Sant Nagar, East of Kailash, New Delhi  
Email- silicamines2022321@outlook.com

**Name of Consultant-**

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

*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 – Hathisar, Tehsil: Asind, District: Bhilwara (Rajasthan)
3.	Project Details M.L No./ Production Capacity	M.L No. : 172/2021 Khasra No. : 702/785 Area : 1.60HECT. Production (TPA) : 201230TPA (ROM)  Details are given in cover page of Proposal obtaining of Environmental Clearance
4.	Project Cost	Rs 2.80 Cr/-(in Rs.)
5.	Water requirement & Source	Total water requirement is about 9.0 KLD = 1.0 KLD (Drinking & Domestic Uses) + 1.5 KLD (Plantation) + 2.0 KLD (Dust Suppression) + 4.5 KLD (Wire Saw cutting & Wet Drilling). 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	Category : B2 SEAC FILE NO. : 22573

	Submitted	Date of documents Submitted : 06/02/2023 SEAC Meeting No. : 5B.45 <sup>th</sup> Agenda Sr. No. : 17 Date of Presentation : 11/04/2023				
8.	Information about Aravalli certificate	Aravalli Certificate has been issued by Assistant Mining Engineer, Bhilwara vide letter No. ME/Bhil/Map/aravali/Plot No. 172/218 On Dated 04/03/2022.				
9.	Date of Air, Water, Noise, monitoring	Monitoring was conducted by Udaipur Min-Tech Testing Lab Approved by NABL. On Dated				
10.	Information about 500 mts composite map	500 mts composite map has been issued by Mining Engineer, Bhilwara vide order no. 1053 on dated 29/09/2022. Cluster Certificate has been issued by Mining Engineer, Bhilwara ME/Bhil/Map/ Cluster/Plot No.172/1052on dated 29/09/2022.				
11.	EMP Activities	Environment Management Plan Expenditures: Exp. Cost: Rs. 12,00,000 lacs.				
		<b>SI. No.</b>	<b>Measures</b>	<b>Exp. Cost in Rs. (First Year)</b>	<b>Exp. Cost in Rs. (Second Year)</b>	<b>Exp. Cost in Rs. (Recurring)</b>
		1	Pollution Control i) Dust Suppression, Wet Drilling & Others ii) Road Metallization And Maintenance iii) Netting SW Side of Lease area.	5,76,680/-	5,76,680/-	4,10,000/-
		2	Modular STP for Workers	1,50,000	-	10,000
		3	Management of hazardous waste if any	10,000	10,000	10,000
		4	Pollution Monitoring i) Air pollution ii) Water pollution	-	-	10,000/-
		5	Green Belt & Tree Guard	4,63,320/-	4,63,320/-	1,63,700/-

		<b>Total</b>	<b>12,00,000/-</b>	<b>10,50,000/-</b>	<b>6,03,700/-</b>																																																	
12.	Greenbelt & Plantation	<p>Expenditure of Green Belt Rs 4,63,320/-</p> <p><i>Total green belt will be the 33% of the mine area 0.528ha. 7.5m Statutory barrier, outside the lease area as per NOC.</i></p> <p><i>Native specie which are more suitable to the local environment are preferred to be planted such as like Gulmohar (Delonix regia), Neem (Azadirachta indica ), Karanj (Millettia pinnata), Mango (Mangifera indica) etc. it is the proposed to invest 4,63,320/-Rs. Per annum for greenbelt development.</i></p> <table border="1"> <thead> <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">govt charagah land at village hathisar in khasra no.102</th> <th rowspan="2">Assumed Survival 80%</th> <th rowspan="2">Replenishment 20 %</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> </thead> <tbody> <tr> <td><b>1st Year</b></td> <td>264</td> <td>0.100</td> <td>100</td> <td>0.164</td> <td>164</td> <td>211</td> <td>-</td> <td>211</td> </tr> <tr> <td><b>2nd Year</b></td> <td>264</td> <td>0.100</td> <td>100</td> <td>0.164</td> <td>164</td> <td>211</td> <td>53</td> <td>264</td> </tr> <tr> <td><b>3rd Year</b></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>53</td> <td>-</td> </tr> <tr> <td><b>Total</b></td> <td><b>528</b></td> <td><b>0.200</b></td> <td><b>200</b></td> <td><b>0.328</b></td> <td><b>328</b></td> <td><b>422</b></td> <td><b>106</b></td> <td><b>528</b></td> </tr> </tbody> </table> <p><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></p>				Year	No. of Trees	7.5 m Statutory barrier		govt charagah land at village hathisar in khasra no.102		Assumed Survival 80%	Replenishment 20 %	No. of Trees	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees	<b>1st Year</b>	264	0.100	100	0.164	164	211	-	211	<b>2nd Year</b>	264	0.100	100	0.164	164	211	53	264	<b>3rd Year</b>	-	-	-	-	-	-	53	-	<b>Total</b>	<b>528</b>	<b>0.200</b>	<b>200</b>	<b>0.328</b>	<b>328</b>	<b>422</b>	<b>106</b>	<b>528</b>
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14.	Present Status	LOI Granted																																																				

### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The ADM, Udaipur vide order dated 03.01.2022 has issued LoI to the PP for mining of Granite having validity till 18 months. The Mining Plan has been approved by the ADM, Udaipur vide letter dated 09.03.2022. Also, AME, Bhilwara vide certificate dated 04.03.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF, Bhilwara vide certificate dated 14.03.2022 has stated that there is no Wildlife Sanctuary/National Park/Conservation Reserve within 10 km periphery of the mine.

The ME, Bhilwara vide certificate dated 13.02.2023 has stated that as per the MoEF & CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 4.5505 Hectare.

The PP has submitted copy of letter dated 28.09.2022 issued from Joint Secretary, Revenue (Group-3) Department, Rajasthan to District Collector, Bhilwara regarding conversion of charagah land

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.
4. The PP shall abide by all recommendations of NOC issued for conversion of charagah land

**Agenda no.18. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22540)/ 2022-23**

**Project Name-**

Environmental Clearance for Granite Mining Project, M.L. No.30/2004, Mine Lease Area- 3.0 Hectare, Proposed Production Capacity- 222230 TPA (ROM) {Saleable –155561 TPA & Waste- 66669 TPA}, Khasra No. 78, Village-Beda, Tehsil-Bali, District-Pali (Rajasthan) **(Proposal no.416378)**

**Project Proponent Name-**

M/s Krishna Granite Mines & Minerals, Address – Beda, Tehsil-Bali, District-Pali  
Email-[krishnagraniteecb2@gmail.com](mailto:krishnagraniteecb2@gmail.com)

**Name of Consultant-**

M/s Vibrant Techno Lab Pvt., Address- SC-40, 3<sup>rd</sup>Floor, Narayan Vihar S, Ajmer Road, Jaipur, 302020, Rajasthan  
Email- [vibranttechnolab@gmail.com](mailto:vibranttechnolab@gmail.com), [project@vibranttechnolab.com](mailto:project@vibranttechnolab.com)

***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, Mining of Mineral
2.	Location of Project	Near Village– Beda, Tehsil- Bali, Dist – Pali (Rajasthan)
3.	Project Details M.L. No. /Production capacity	“Granite (Minor Mineral) mining project” [ M.L. No.– 30/2004, and Khasra No.–78] over an Area of 3.0 Hectares with Proposed Production Capacity– 2,22,230 TPA (ROM) {Saleable– 1,55,561 TPA Waste– 66,669 TPA} located Near Village– Beda, Tehsil- Bali, Dist – Pali (Rajasthan) by M/s Krishna Granite Mines and Minerals. Khasra No.- 78
4.	Project Cost :	Rs 246.0 Lakhs
5.	Water Requirement & Source	3.0 KLD (Tanker Water Supply from nearby village)
6.	Fuel & Energy	300-400 Litre/day Fuel will be required for mining machineries.
7.	Application No.& Date & documents submitted	Online Submitted to SEIAA, Proposal no:- SIA/RJ/MIN/416378/2023 dated- 30.01.2023.
8.	Information about Aravalli Certificate	ME/SOJAT/MACHI/CLUSTER/2022/1660 dated: 23.06.2022.
9.	Date of Air/Water/Noise Monitoring	Environment Monitoring was carried out by NABL approved laboratory.
10.	Information about 500m Composite Map	ME/SOJAT/MACHI/ARVALI/ML No-30/2004/2023/124 dated: 27.03.2023.

**Environment Sensitivity:-**

S. No.	PARTICULARS	DETAILS
1.	Nearest Habitation	Beda at a distance of 1.20 Km in SE direction from the mine site
2.	Nearest Highway (SH/NH)	SH-62 at a distance of 0.35 Km in NW Direction from the mine site
3.	Nearest Railway Station	Mori Bera Railway Station at a distance of 3.45 Km in NW direction from the mine site.
4.	Nearest Airport	Udaipur Airport at a distance of 85 Km in South East direction from the mine site.
5.	National Park, Wild Life Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/ Elephant Reserve, Reserve / Protected Forest within 10 km radius of study area.	<p><b><u>Reserve/Protected Forest:</u></b></p> <p>✚ Beda Jagir P.F at a distance of 4.20 Km in SE direction from the mine site.</p> <p>✚ Beda R.F at a distance of 6.0 Km in SE direction from the mine site.</p> <p>✚ KaanaKolar P.F at a distance of 6.0 Km in NW direction from the mine site.</p> <p>✚ Nana P.F at a distance of 8.53 Km in S direction from the mine site.</p> <p>✚ ChotilaRadbar P.F at a distance of 10.55 Km in W direction from the mine site.</p> <p><b><u>WLS/CR</u></b></p> <p>❖ <i>Kumbhalgarh Wildlife Sanctuary at a distance of 7.3 Km in East direction from the mine site.</i></p> <p>❖ <i>Jawai Conservation Reserve-I &amp; II at a distance of 3.4 &amp; 5.3 Km in N direction from the mine site. .</i></p>
6.	Water Bodies (within 10 km radius)	<p>✚ Jawai River at a distance of 0.12 Km. in S direction from the mine site.</p> <p>✚ JawaiBandh at a distance of 3.80 Km. in N direction from the mine site.</p> <p>✚ TarawariNadi at a distance of 6.20 Km. in NE direction from the mine site.</p> <p>✚ ShivragniKaNaala at a distance of 11.75 Km. in SW direction from the mine site.</p>

11 Environment Management Plan

Sr. No.	PARTICULAR	CAPITAL COST (IN RS.)	RECURRING COST (IN RS./YEAR)
1	Water sprinkle facility on haul roads to prevent dust suppression.	-	40,000/-
2	Maintenance of approach road	-	50,000/-
3	Pollution Monitoring of Ambient Air, Noise, Water & Soil Quality	-	1,00,000/-
4	Plantation/Green Belt & maintenance	9,40,000/-	7,70,000/-
5	Wire fence around mining pits	1,00,000/-	15000/-
6	Occupational health check-up in a year	-	20,000/-

7	Emergency rescue fire fighting equipments and first aid	50,000/-	5,000/-
8	Rainwater harvesting in nearby Govt. School/PHC Centre & Gram Panchayat	2,00,000/-	30,000/-
9	Construction of Garland drains & Settling tank	1,50,000/-	10,000/-
10	Installation of Modular STP with capacity of 2.0 KLD	5,00,000/-	30,000/-
11.	Solid Waste & Hazardous Waste Management	10,000/-	20,000/-
	<b>TOTAL</b>	<b>19,50,000/-</b>	<b>10,90,000/-</b>

12 Green Belt/ Plantation

Year	Plantation at Outside the lease area		Cost of sapling along with maintenance		Name of species	Places of plantation
	Outside the lease area		Capital cost in Rs.	Recurring cost in Rs./yr.		
	Area (Ha.)	No. of Trees				
2023-24	0.50	500	(Plant Cost-300/-) 3,60,000/- (Tree Guard Cost-500/) 5,00,000/-	Maintenance/Watering/ Manuring Cost- (Rs. 700/-per plant)	Karanj, Siras, Neem, Khejri, Ardu, Ber & other native species  suggested by forest officials	Plantation will be done Outside Lease area at connective approach road & around the nearby water bodies
2024-25	0.50	500				
2024-25	Replacement of Non- Survival Species @ 20 % i.e. 100 Nos. . (year 2023-24)					
2025-26	Replacement of Non- Survival Species @ 20 % i.e. 100 Nos. (year 2024-25)					
2026-27	Maintenance/Watering/Manuring					
2027-28						
<b>Total</b>	<b>1.0</b>	<b>1000</b>	<b>8,60,000/-</b>	<b>7,00,000/-</b>		
<b>Additional Plantation at the Periphery of the connecting unpaved road nearby mine site (100 Tress)</b>			<b>80,000/-</b>	<b>70,000/-</b>		
<b>Total</b>			<b>9,40,000/-</b>	<b>7,70,000/-</b>		

- ✿ Total 33% of the lease area (i.e. 1.0 Hectares) will be developed as greenbelt outside the lease area at connective approach road & around the nearby water bodies.
- ✿ Total 1000 Nos. plants will be planted at outside the lease area
- ✿ About 1000 trees will be planted per hectare.
- ✿ Species will be planted as per greenbelt development program & suggested by forest officials.
- ✿ Regular maintenance will be done by Project Proponent to protect the saplings

**In addition of proposed greenbelt development, The Mining Lease Holder will also be develop greenbelt (100 trees) at the Periphery the connecting unpaved road nearby mine site.**

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. as per MoEF&CC O.M. dated 16.01.2020.

13	Budgetary Breakup for Labour		
<b>Proposed Budget for Labour Welfare</b>			
Sr.No.	Particulates	Capital Cost (in Rs.)	Recurring Cost (in Rs./Yr.)
1.	Rest Shelter (15 X 20 Feet)	2,00,000	5,000
2.	Drinking water facility	-	10,000
3.	Toilet Facility (2 units for Male & Female) {Standard cost breakup for construction a Toilet- Construction cost (bricks, Cement, Sand, Door, Tiles, PVC pipes material, Toilet Sheet, preparation of savage tank & soakpit-20000 Labour cost-6000 Maintains cost-2000 Standard size-7x5 Foot}	60,000	2,000
4.	Fuel for cooking	-	15000
5.	Medical facility for labors (First Aid Box)	-	5000
6.	Provision for personal protection equipment (PPEs) like ear plug, Face mask, Helmet, shoes etc., for 10 workers Safety shoes @1000 Rs (1 times/year) – Rs. 10,000 Hand Gloves @300 Rs (3 times/year) – Rs. 9,000 Face mask @50 Rs (2 times in month) – Rs. 12,000 Ear plugs @50 Rs (2 times in month) – Rs. 12,000 Helmets @ 450 Rs (1 time in year) – Rs. 4500	--	47,500
7.	Periodical health check-up once in years @ 1500		15,000
8.	Fire safety		10,000
9.	Training & awareness camps will be conducted for workers for safe & sustainable mining	--	10,000
<b>Total</b>		<b>2,60,000/-</b>	<b>1,19,500/- (say 1,20,000/-)</b>
14	Present Status	Existing Mining Project (First time applied for EC)	

### Observations of the Committee-

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

This is an existing mine. The lease was granted in favour of Smt. Meena Kanwar W/o Shri Hewad Singh Rajput vide order dated 07.02.2007 over an area of 3.0 Hectare for mineral Granite for Khasra No.76 & 78. The lease was registered on 04.07.2007 for 20 years. Further

,the lease was transferred to M/s Krsihna Granite Mines & Minerals on dated 29.10.2010.The lease was executed and registered on 09.11.2010.

As per The State Government Notification, vide dated 27.02.2013, the Govt. Land of village Beda converted into Jawai Bandh Leopard Conservation Reserve. Due to this Conservation Reserve, the State Government & State mining Department cancelled the all mining project in such area. The State Government order dated 17.06.2015 the said mining lease was premature terminated & State mining took back the possession of the land in favour of State Government vide dated 26.06.2015.

The Lessee has filed a petition in the Hon'ble High Court, Jodhpur against the State Government order dated 17.06.2015. Hon'ble High Court, Jodhpur revoked the State Government order dated 17.06.2015 & restrained the mining activity vide order dated 20.01.2021 with the condition that the lessee shall obtained the NBWL NOC from the standing committee of the nation Wild Life Board for the Kumbhalgarh WLS ESZ.

The Mining Plan has been approved by the ADM,Jodhpur vide letter dated 21.10.2022. Also,ME,Sojat City vide certificate dated 23.06.2022 has stated that the mining lease does not fall in Aravali Hills.

CWLW,Rajasthan(Jaipur) vide certificate dated 07.09.2021 has stated that thereJawaiBandh Leopard C.R. &JawaiBandh Leopard C.R.II is at distance 3.4Km & 5.3Km from the applied mine lease area.Also, the certificate states that the Kumbhalgarh WLS is at 7.3Km from applied mine lease area.The ESZ of this is not notified yet and as per draft is is extended from 0 to 5 km, therefore, NBWL clearance is required. The PP has submitted NBWL application dated 10.03.2023.

The ME,Sojat Cityvide certificate dated 27.03.2023has stated that as per the MoEF& CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation.

CWLW,Rajasthan(Jaipur) vide certificate dated 07.09.2021 has stated that thereJawaiBandh Leopard C.R. &JawaiBandh Leopard C.R.II is at distance 3.4Km & 5.3Km from the applied mine lease area.Also, the certificate states that the Kumbhalgarh WLS is at 7.3Km from applied mine lease area.The ESZ of this is not notified yet and as per draft is extended from 0 to 5 km, therefore, NBWL clearance is required. The PP has submitted NBWL application dated 10.03.2023.

The committee observed that as per Om dated 08.08.2019 pera 4 sub pera (III) states that *“Proposals involving developmental activity/project located within 10 km of National Park/Wildlife Sanctuary wherein final ESZ notification is not notified (or) ESZ notification is in draft stage, prior clearance from Standing Committee of the National Board for Wildlife (SCNBWL) is mandatory. In such cases, the project proponent shall submit the application simultaneously for grant of Terms of Reference/environmental clearance as well as wildlife clearance.”*The committee also observed that as per Hon’ble Supreme court directions dated 3.06.2023 pera 44(b) which states that *“ In the event, however, the ESZ is already prescribed as per law that goes beyond one kilometre buffer zone, the wider margin as ESZ shall prevail. If such wider buffer zone beyond one kilometre is proposed under any statutory instrument for a particular national park or wildlife sanctuary awaiting final decision in that regard, then till such final decision is taken, the ESZ covering the area beyond one*

*kilometre as proposed shall be maintained".* Therefore in light of OM as well as compliance of Supreme court the Committee is of view that as per CWLW,Rajasthan(Jaipur) draft notification of kumbhalgarh ESZ is extended from 01 to 05 km and applied area is at distance of 7.3 km from ESZ boundary, hence, conditional EC may be granted that it will be effective after obtaining NBWL permission.

The project being one of minor mineral having lease area of 3.0 ha. came under the purview of the EIA Notification dated 09.09.2013 of the MoEF & CC. According to the certificate dated 06.04.2023 of ME, Sojat city production of mineral in the base year i.e. 2012-13 was 20697.29MT and thereafter, in subsequent years production was within limit and from 2015-16 to 2022-23 NIL.The PP has applied for the first time for EC. The project, therefore, is not one of violation of the EIA Notification. The PP has also submitted affidavit to the affect that no activity has been carried out in violation of the EIA Notification and Common Cause Judgment pronounced by the Hon'ble Supreme Court.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project subject to the condition that the PP shall submit NBWL clearance in SEIAA before obtaining EC. And with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

### **Agenda no.19. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22557)/ 2022-23**

#### **Project Name-**

Environmental Clearance for Granite Mining Project, M.L. No.50/2022,,Ref No.20221000060768,Mine Lease Area-3.740Hectare,Proposed Production Capacity- 350180 TPA (ROM) {Saleable –158448 TPA & Waste- 191732 TPA}, Khasra No.1187/835,1189/845, Village-Kameri,Tehsil-Deogadh,District-Rajsamand(Rajasthan) **(Proposal no.416724)**

#### **Project Proponent Name-**

M/s Shri ShyamStonex,R/o-43-A,Shubash Nagar,Tehsil-Deogadh,District-Rajsamand

Email-[shreeshyamstonexecb2@gmail.com](mailto:shreeshyamstonexecb2@gmail.com)

Partners-

- 1.ShriJagdishYadav S/o NandLalYadav,R/o- HNo.- H64,D,Saket South Delhi
- 2.ShriBhavikYadav S/o Shri Manoj Yadav,R/o-H-23,South City I,PalamApartment,Gurgaon, Harayana

**Name of Consultant-**

M/s Vibrant Techno Lab Pvt., Address- SC-40, 3<sup>rd</sup>Floor,NarayanViharS,AjmerRoad,Jaipur ,302020,Rajasthan

Email- [vibranttechnolab@gmail.com](mailto:vibranttechnolab@gmail.com) , [project@vibranttechnolab.com](mailto:project@vibranttechnolab.com)

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

1.	Category / Item no.(in Schedule):	B-2, Mining of Mineral
2.	Location of Project	Near Village– Kameri, Tehsil- Deogarh, Dist – Rajsamand (Rajasthan)
3.	Project Details M.L. No. /Production capacity	“Granite (Minor Mineral) mining project” [M.L. No.– 50/2022] over an Area of 3.7400 Hectares with Proposed Production Capacity– 3,50,180 TPA (ROM) (Saleable-1,58,448 & Waste 1,91,732) located Near Village– Kameri, Tehsil- Deogarh, Dist – Rajsamand (Rajasthan) by <b>M/s Shri ShyamStonex.</b> <b>Khasra No.– 1187/835,1189/845</b>
4.	Project Cost :	Rs 280.0 Lakhs
5.	Water Requirement & Source	4.0 KLD (Tanker Water Supply from nearby village)
6.	Fuel & Energy	200-250 Litre/day Fuel will be required for mining machineries.
8	Information about Aravalli Certificate	ME/Amet/Machi/Aravalli/M.L. 50/2022/308 Dated 24.11.2023
9.	Application No.& Date & documents submitted	Online Submitted to SEIAA, Proposal no:- SIA/RJ/MIN/416724/2023 dated- 02.02.2023.
9	Date of Air/Water/Noise Monitoring	Environment Monitoring was carried out by NABL approved laboratory.
10	Information about Topo-sheet map	45 K/6
<b>Environment Sensitivity:-</b>		
1	Nearest Village	Kameri village at a distance of 0.40 Km in SW direction from the mine site.
2	Nearest Railway Station	KheraKameri R.S. at a distance of 2.20 Km. in SE direction

			from the mine site.
3	Nearest Airport		Udaipur Airport at a distance of 84 Km in South direction from the mine site.
4	Nearest National/State Highway		<ul style="list-style-type: none"> <li>✚ SH-56 at a distance of 1.25 Km in W direction from the mine site.</li> <li>✚ MDR-77 at a distance of 8.90 Km in S direction from the mine site.</li> <li>✚ NH-58 at a distance of 13.20 Km in NW direction from the mine site.</li> </ul>
5	Archaeological Important Place		No any Archaeological Important Place exist within 10 km distance from the periphery of lease area.
6	Ecological Sensitive Park, Wildlife Sanctuary, Reserve etc.)		<p><b>WLS:</b> TadgarhRaoli Wildlife Sanctuary at a distance of 8.80 Km. in NW direction from the mine site.</p> <p><i>No any other Ecological Sensitive Park, National Park or Wildlife sanctuary Conservation Reserve etc are exist within 10 km radius of mining lease area.</i></p>
7	Nearest River / water body		<ul style="list-style-type: none"> <li>✚ Kothari Nadi at a distance of 0.40 Km. in NE direction from the mine site.</li> <li>✚ Ram Sagar at a distance of 6.10 Km. in NW direction from the mine site.</li> <li>✚ ChandrabhagaRiver at a distance of 6.55 Km. in SW direction from the mine site.</li> <li>✚ ManoharSagar at a distance of 14.35 Km. in SE direction from the mine site.</li> </ul>
8	Reserved/Protected Forests		<ul style="list-style-type: none"> <li>✚ Seemmata R.F at a distance of 1.40 Km in W direction from the mine site.</li> <li>✚ BangdiSirohi P.F at a distance of 8.50 Km in SE direction from the mine site.</li> <li>✚ Jhalamali P.F at a distance of 8.60 Km in NE direction from the mine site.</li> </ul>
9	State, National boundaries		None within the study area.
11	Environment Management Plan		
	<b>Sr. No.</b>	<b>PARTICULAR</b>	<b>CAPITAL COST (IN RS.)</b>
		<b>RECURRING COST (IN RS./YEAR)</b>	
	1	Water sprinkle facility on haul roads	-
			50,000/-

		to prevent dust suppression.		
2		Maintenance of approach road	5,00,000	50,000/-
3		Pollution Monitoring of Ambient Air, Noise, Water & Soil Quality	-	80,000/-
4		Plantation/Green Belt & maintenance	10,58,000	8,61,000/-
5		Wire fence around mining pits	100,000/-	5,000/-
6		Occupational health check-up in a year	-	22,000/-
7		Provision of PPES (helmet shoes gloves goggles etc.)	-	71,000/-
9		Emergency rescue fire fighting equipments and first aid	50,000/-	5,000/-
10		Rainwater harvesting in nearby Govt. School/PHC Centre & Gram Panchayat	1,50,000/-	30,000/-
11		Installation of Modular STP with capacity of 2 KLD.	5,00,000/-	30,000/-
12		Construction of Garland drains & Settling tank	2,50,000/-	10,000/-
13		Hazardous waste management and municipal solid waste management.	10,000/-	20,000/-
		<b>TOTAL</b>	<b>26,18,000/-</b>	<b>12,34,000/-</b>

12	Green Belt/ Plantation								
		Plantation (7.5 Meter & Both side the approach road)				Cost of sapling along with maintenance			
	Year	Plantation at safety zone		Outside the lease area (Both side the connecting approach road)		Capital cost in Rs.	Recurring cost Rs./yr.	Name of species	Places of plantation
		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees				
	2023-24	0.375	375	0.24	240	<b>(Plant Cost-300/-) 4,43,000/- (Tree Guard</b>	<b>Maintenance/Watering/ Manuring Cost-8,61,000/- (Rs. 700/- per plant)</b>	Neem, Karaj, Alaltas,	Plantation will be done
	2024-25	0.375	375	0.24	240				
		Replacement of Non-Survival Species @ 20 % i.e. 75 Nos. (2023-24)		Replacement of Non-Survival Species @ 20 % i.e. 48 Nos. (2023-24)					

2025-26	Replacement of Non- Survival Species @ 20 % i.e. 75 Nos. (2024-25)		Replacement of Non- Survival Species @ 20 % i.e. 48 Nos. (2024-25)		Cost-500/) <b>6,15,000/-</b>		palash Ber, Saptarni, Ashok & other native species suggested by forest officials	inside the lease area in 7.5 m safety zone boundary & Both side the connective approach road
2026-27	Maintenance/Watering/Manuring							
2027-28								
Total	Plantation at safety zone		Outside the lease area (Both side the connecting approach road)		<b>10,58,000</b>	<b>8,61,000/-</b>		
	<b>0.75</b>	<b>750</b>	<b>0.48</b>	<b>480</b>				
Total					<b>10,58,000</b>	<b>8,61,000/-</b>		

Total 33% of the lease area (i.e. 1.23 Hectares) will be developed as greenbelt out of which 0.75 Hectares will be planted inside at 7.5 meter safety zone of lease area & 0.48 Hectares will be planted outside the lease area at approach road (Both side of the connective road) .

- ✿ Total 1230 Plants will be planted out of which 750 planted at 7.5 meter safety zone of lease area.
- ✿ Total 480 plants will be planted at connective both side approach road at nearby mine site (1200 meter road with maintained spacing between Plant to Plant is 5 meter).
- ✿ About 1000 trees will be planted per hectare.
- ✿ Species will be planted as per greenbelt development program & suggested by forest officials.
- ✿ Regular maintenance will be done by Project Proponent to protect the saplings..

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. as per MoEF&CC O.M. dated 16.01.20*

13 Budgetary Breakup for Labour

Sr. No.	Particulates	Capital Cost (in Rs.)	Recurring Cost (in Rs./Yr.)
1.	Rest Shelter (15 X 20 Feet)	2,00,000	5,000
2.	Drinking water facility	-	10,000
3.	Toilet Facility (2 units for Male & Female) {Standard cost breakup for construction a Toilet- Construction cost (bricks, Cement, Sand,	60,000	2,000

	Door, Tiles, PVC pipes material, Toilet Sheet, preparation of savage tank & soakpit-20000 Labour cost-6000 Maintains cost-2000 Standard size-7x5 Foot}		
4.	Fuel for cooking	-	15000
5.	Medical facility for labors (First Aid Box)	-	5000
6.	Provision for personal protection equipment (PPEs) like ear plug, Face mask, Helmet, shoes etc., for 15 workers Safety shoes @1000 Rs (1 times/year) – Rs. 15,000 Hand Gloves @300 Rs (3 times/year) – Rs. 13,500 Face mask @50 Rs (2 times in month) – Rs. 18,000 Ear plugs @50 Rs (2 times in month) – Rs. 18,000 Helmets @ 450 Rs (1 time in year) – Rs. 6,750	--	71,000
7.	Periodical health check-up once in years @ 1500		22,500
8.	Fire safety		5,000
9.	Training & awareness camps will be conducted for workers for safe & sustainable mining	--	10,000
	Total	<b>2,60,000/-</b>	<b>1,45,750/-</b>
14	Present Status	New Mining Lease	

### Observations of the Committee-

The Committee considered/examined the project proposal in its meeting **5B.45th** held on **10th, 11th, 12th and 13th April, 2023** in the presence of PP and his Consultant.

The ADM, Udaipur vide order dated 11.07.2022 has issued LoI to the PP for mining of Granite Mineral having validity till 18 months. The Mining Plan has been approved by the ADM, Udaipur vide letter dated 15.12.2022. Also, AME, Amet vide certificate dated 24.11.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF(WL),Rajsamand vide certificate dated 06.12.2022 has stated that TodgadhRaoli WLS is at distance 8.80Km from the applied mine lease area. The project is outside ESZ of TodgadhRaoli WLS ESZ of Todgadh Raoli WLS is 1km. Beside, this there is no WLS/National park/Elephant Reserve/Tiger Reserve within 10 km Periphery of mine area & nearest forest division “Seem Mata” is at 1.40Km from the mine. The PP has submitted a copy of application dated 23.02.2023 submitted for approval from DCF.

The AME,Ametvide certificate dated 24.11.2022 has stated that as per the MoEF& CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 3.740 Hectare.

### **Resolution-**

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

### **Agenda no. 20. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22541)/ 2021-22**

#### **Project Name-**

Application for Approval of EIA/EMP & EC for Garnet (abrasive) & Quartz Mining Project ,ML.No.-432/2007, Mine lease area-4.0011 Hectare, Proposed Production Capacity- from 25330 TPA (ROM) to 73086 TPA(Rom) {Quartz- 4290 TPA(ROM) ,Granet-68796 TPA},at Khasra No.-686/500,687/500,501,505, 691/503,506,507,508/1,509,537,543 ,Village-kochariya Tehsil-Bhilwara, District- Bhilwara (Raj.) **(Proposal No-82396)**.

#### **Name of Proponent-**

Sh. Ummaid Singh Ranawat S/o Sh. Bahadur Singh Ranawat R/o Basda, Post –Mundali, District –Bhilwara (Raj.)

Email- glrminesandmineralspvt.ltt@gmail.com

#### **Name of Consultant-**

Final minutes of 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023

M/s Geo Green Enviro House Pvt. Ltd. Address- C-1/20, VirajKhand, Gomti Nagar, Lucknow, UP

[Email- vkm.geo@gmail.com](mailto:vkm.geo@gmail.com)

### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45th** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The project was also considered earlier in terms of OM dated 12.12.2018 of the MoEF& CC by SEAC in its 4.78<sup>th</sup> meeting held on 30-31<sup>st</sup>, March, 2021 prescribing ToR for undertaking EIA studies and for preparing EMP as Garnet is a major mineral. The AME, Bhilwara vide order dated 12.01.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation. The SEIAA vide letter dated 16.06.2021 asked the PP to conduct EIA studies and prepare EMP for the project in order to capture all the possible externalities.

<b>S.No.</b>	<b>Particulars</b>	<b>Area (Hectare)</b>
1	Area for which ToR issued	4.0011
2	Area for which EIA/EMP study conducted	4.0011
3	Area for which Public Hearing	4.0011

One season post monsoon primary base line data of the ambient air quality PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub>, Water Quality, Noise level, Soil quality and Flora and Fauna were collected during Oct,2019 to Dec,2019

The PP following the above decision got public notice published in edition of Dainik Navjyoti & Lok Jivan on dated 15.05.2022 & 16.05.2022 respectively for holding public hearing for the entire cluster for ascertaining material concerns for local affected persons and to take such concerns into account in the EIA/EMP report.

Public hearing was accordingly held on 22.06.2022 at 11.00 AM at Gram Panchayat, Village-kochariya Tehsil-Bhilwara, District- Bhilwara (Raj.) in reference to aforementioned project under the Chairmanship of Shri Rajesh Goyal, ADM, Bhilwara & Shri VinayKatta, RO, RSPCB, Bhilwara was also present during public hearing.

This is an existing mine. The proposed project has come for expansion of Garnet & Quartz mineral. Initially, the lease was granted for mineral Garnet & Quartz in favour of Sh. Ummaid Singh Ranawat S/o Sh. Bahadur Singh Ranawat for an area-4.0011 Hectare on dated 09.09.2013 for period of 30years. The lease deed was executed on 26.11.2013 & registered on 27.11.2013. As per MMDR Act 2015 the lease was auto extended upto 50 years which is

valid till 26.11.2063. The Mining Plan has been approved by the RCM, IBM Ajmer vide letter dated 10.03.2023.

The SEIAA,Jaipur has issued EC for mineral Garnet & Quartz over an area of 4.7525Hectare, M.L. No.- 21A/2009, Production Capacity- 25330 TPA (ROM) at Village-kochariya Tehsil-Bhilwara, District- Bhilwara (Raj.) in favour of Sh. Ummaid Singh Ranawat S/o Sh. Bahadur Singh Ranawatvide letter dated 06.02.2017.

The project being one of major mineral before having lease area of 4.0011 hectare, came under the purview of the EIA notification dated 07.10.2014 of the MoEF& CC. The base year in such cases is 2013-14 in terms of Common Cause judgement pronounced by the Hon'ble Supreme Court of India. According to the certificate dated 10.01.2023of AME, Bhilwara , the production of minerals Quartz and Feldspar in the 2013-14 (base year) were Nil MT & 480.0 MT respectively, thereafter in 2014-15,2015-16,2016-17 the production of quartz and Garnet was increased from the base year. The project therefore is one of violation of EIA notification. The PP has also submitted affidavit stating that there is violation of EIA notification. Further the committee observed that the PP has submitted a Remediation plan for violation along with penalty but has not submitted a C.A. certificate to verify the project cost as well as turnover for violation period.

AME,Bhilwaravide certificate on dated 02.09.2020 has not clearly stated that the mining lease does not fall in Aravalli Hills. DCF, Bhilwara vide certificate dated 08.09.2020 has stated that there is no Wildlife Sanctuary/National Park/ C.R within 10 km periphery of the mine in Bhilwara district .This certificate is district specific and clearly does not speaks regarding existence or otherwise National Park/ WLS within 10 Km of the applied lease area.

The Committee observed that-

- (i) Compliance Report dated 26/03/2021 certified by RO, RSPCB, Bhilwara is more than one year old. CCR (Certified Compliance Report) beyond older than one year from the date of inspection are not accepted for carrying out the appraisal process.
- (ii) Chartered Accountant's Certificate for turn over involved during the violation period required for calculating penalty has not been submitted (reference OM dated 07/07/2021).
- (iii) Aravali certificate issued by ME, Bhilwara on 02/09/2020 is not in the desired/ prescribed format.

The Committee resolved to seek additional documents from the PP.

Thus, you are advised to submit the additional documents/ information within a period of 30 days failing which your proposal will automatically get delisted from the list of pendency at PARIVESH portal. Besides this, recommendation may be also made by SEAC Secretariat to SEIAA for closure and delistment of the proposal.

**Agenda no.21. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22555)/ 2022-23**

**Project Name-**

Environmental Clearance for Goadach Soapstone & Masonary Mining Project, M.L. No. 01/1986, Mine LeaseArea-4.9861 Hectare, Proposed Production Capacity-80000 TPA (ROM) Khasra No.2569, 2570, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2542, 2544, 2545, 2547 & 2548, Village –Goadach, Tehsil-Nathdwara, District-Rajsamand (Rajasthan) (Proposal no.284792)

**Project Proponent Name-**

M/s R.K. Minerals, Address- 49, Mahalaxmi Nagar, Badgaon, District: Udaipur (Rajasthan)  
Email- goadach.rkminerals@gmail.com

**Name of Consultant-**

M/s-OceaoEnviro Management Solutions India Private Ltd.  
Address- 217, 1st Floor, Judge Colony, Vasundhara, Ghaziabad

Email- Info@Oceaoenviro.Com

**Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45<sup>th</sup>** held on **10<sup>th</sup>11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

This is an existing mine. Initially, the lease was granted for mineral Soapstone in favour of Sh. Asharam Prajapat S/o DevilalPrajapat for an area-170 Hectare on dated 11.08.1986 for period of 20 years.The lease deed was executed on 29.06.1986 & registered on 01.10.1986.

The lessee surrendered part of the lease area 132.80 Hectares out of 170 Hectares and remaining 37.50 Hectare area was again surrendered on dated 27.05.2004 after which the remaining area of the lease was 4.9861 Hectares (present lease area).Further, the lease deed was executed on 07.03.2011 & under MMDR Act 2015 the lease validity was auto extendedfor 50 yearsupto 30.09.2036.

Thereafter the lease was transferred to M/s R.K. Minerals, on dated 29.08.2019.The same got registered on 30.09.2019.

The Mining Plan has been approved by the SME, Rajsamandvide letter dated 18.07.2019. Also, ME, Rajsamandvide certificate dated 08.03.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF, Rajsamand vide certificate dated 12.10.2022 has stated that there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine and the distance from nearest forest division Makra Mangla is 6.80 km. The project does not involve approval/ clearance under the Forest (Conservation) Act, 1980 and Wild Life Protection Act, 1972 as no forest land is involved and neither there is any Wild Life Sanctuary/ National Park/Tiger & Elephant Reserve within 10 Km from the project site.

The ME, Rajsamand vide certificate dated 12.01.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation.

The project being one of major mineral having lease area of 37.5 ha, came under the purview of the EIA Notification dated 27.01.1994 of the MoEF & CC. According to the certificate dated 15.04.2021 of ME, Rajsamand II the production of mineral in the 1993-1994 (base year) was 26.500 MT. thereafter, in subsequent years production was not increased. Production for 2021-22 and 2022 -23 has not been given .

The SME, Rajsamand vide order dated 25.01.2021 has issued LoI to the PP for inclusion of Masonry Stone Mineral having validity till 18 months.

The Committee observed that-

- (i) LoI (Letter of Intent) issued by SME (HO II) for inclusion of Masonry Stone vide order dated 25/01/2021 has been expired.
- (ii) Certified mining production figures for the year 2021-2022 & 2022-2023 has not been submitted

The Committee resolved to seek additional documents from the PP.

Thus, you are advised to submit additional documents/ information within a period of 30 days failing which your proposal will automatically get delisted from the list of pendency at PARIVESH portal. Besides this, recommendation may be also made by SEAC Secretariat to SEIAA for closure and delisting of the proposal.

**Agenda no. 22. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22558)/ 2021-22**

**Project Name-**

Application for Approval of EIA/EMP for Granite Mining Project with Cluster Area- 35.9238 Hectare & Cluster Carrying Capacity-3786450 TPA(ROM) & Environmental Clearance for Granite Mining Project with ML.No.64/2021, TPA(ROM), Mine lease area- 1.0884 Hectare, Proposed Production Capacity- 98560 TPA(ROM) {Granite- 54208MT, Luffers-19712 MT & Waste- 24640 MT}, Khasra No.1271/855,853 & 854, Village- Ekalsingha, Tehsil-Kekri, District- Ajmer(Raj.) (**Proposal No-412378**)

**Name of Proponent-**

M/s Vijay Shree Mines & Minerals , R/o-Khasra No.364/7,364/10, Hatholi Mod, Salemabad, Gate k pass, Makrana Road, Mega Highway, Village- Khatoli, Tehsil- Kishangarh, District-Ajmer

Email- [vijayshreemines777@gmail.com](mailto:vijayshreemines777@gmail.com)

**Name of Consultant-**

M/s Fulgro Environmental & Engineering Services India Pvt. Ltd., Add-27, Ashok Vatika, Khatipura Road, Jhotwara, Jaipur, (Raj.)

### **Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45th** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The project was also considered earlier in terms of OM dated 12.12.2018 of the MoEF& CC by SEAC in its 5B.12<sup>th</sup> meeting held on 22-24, March, 2022 prescribing ToR for undertaking EIA studies and for preparing EMP as the size of the cluster in which the proposed project lies exceeded 5.00 Hectare. The size of the cluster as per certificate dated 06.10.2021 of AME, Sawaris 35.9238 Hectare. The SEIAA vide letter dated 17.05.2022 asked the PP to conduct EIA studies and prepare EMP for the entire cluster in order to capture all the possible externalities.

<b>Sl.No.</b>	<b>Particulars</b>	<b>Area (Hectare)</b>
1	Area for which ToR issued	35.9238
2	Area for which EIA/EMP study conducted	35.9238
3	Area of Cluster Mining Plan	35.9238
4	Area for which Public Hearing conducted	35.9238

One season post monsoon primary base line data of the ambient air quality PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub>, Water Quality, Noise level, Soil quality and Flora and Fauna were collected during Oct, 2021 to Dec, 2021

The PP following the above decision got public notice published in edition of The Indian Express & Rastradoot on dated 25.08.2022 for holding public hearing for the entire cluster for ascertaining material concerns for local affected persons and it such concerns into account in the EIA/EMP report.

Public hearing was accordingly held on 28.09.2022 at 11.00 AM at Rajeev Gandhi Seva Kendra Lasadiya, Tehsil-Kekri, District- Ajmer, under the Chairmanship of Shri Hemant Swaroop Mathur, ADM, Ajmer. Shri Deepak Tanwar, RO, RSPCB, Ajmer was also present during public hearing.

**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: -**

<b>Point No.</b>	<b>Points raised</b>	<b>Point Replied During PH</b>	<b>Compliance/ Time Frame</b>
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1	<p>Mr. H S Mathur, ADM &amp; District Additional Magistrate (Bhu. Ru.) - Ajmer</p> <p>He wanted to know about the status of mine lease area.</p>	<p>Environment Consultant of the said mining project informed that</p> <p>The proposed mine lease area is in the name of M/s Vijay Shree Mines and Minerals and made it confirmed by showing the “Jamabandi” in his name.</p>	<p>The letter of intent has been granted by SME, Ajmer, Department of Mines &amp; Geology, Rajasthan in favor of <b>M/s Vijay Shree Mines &amp; Minerals</b> (Partners: 1. Sh. Vijay Kumar Saini S/O Sh. Bodu Ram Tak, 2. Sh. Yash Kumar Saini S/O Sh. Vijay Kumar Saini) vide letter no. SME/Aj/Sawar/M.L.-64/2021/5582 dated 18.08.2021.</p>
	<p>He wanted to know about the distance between the mines connecting roads to the National/Nearest Highway for the leases falling in the cluster.</p>	<p>Aerial distance was shown on the KML File showing the distance of the same. Further, informed him that nearby SH-12 is passing.</p>	<p>SH-12 is located at a distance of 2.46 Km towards West direction from cluster mine lease.</p>
	<p>He wanted to know whether the information of Public Hearing was given to the Sarpanch and Ward Panch.</p>	<p>Before conduction of PH, “Munadi” was done and videography of the same was shown. Also the advertisement for conduction of PH was published 30 days before the date of PH in 2 news papers(one in Local &amp; one in National). Futher, the Sarpanch and Ward Panch were also informed about the same.</p>	<p>Cluster Public hearing was conducted as per the ToR issued by SEIAA, Rajasthan vide letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.B1 (20474)/2021-22 dated 17th May, 2022. The conduction of public hearing was published in two newspapers namely: The Indian Express and Rashtrdoot dated 25.08.2022.</p>
2	<p>Mr. Devkaran Gujar-village Ekalsinga said that we don’t have any issue with the mining as we are getting employment.</p>	<p>Thanks for your kind support.</p>	<p>Total manpower requirement during the mining activity is estimated to be about 12. Most of the labors will be deployed from the neighboring villages.</p> <p>Manpower Chepter 2, Section 2.7.5 Pg. No. 51</p>
3	<p>Mr. Tejmal Gujar-village Ekalsinga said that we don’t have any issue with the mining as we are getting employment also the</p>		<p>Further, Fund towards towards construction and maintenance of the kachha roads after due</p>

	mines owners repair the road.		consultation with the concerned gram Panchayat and local people have been kept in EMP.
4	Mr. Rajesh Choudhry - village Ekalsinga said that we don't have any issue with the mining as we are getting employment.		
<b>No written suggestions, observation or objections received before and after the Public Hearing. However, it was instructed not to plant saplings of less than 6 feet in height so that they grow faster and environment is not adversely affected.</b>			

The PP following issue of ToR, has submitted application for obtaining EC along with the final EIA/ EMP report and the proceedings of public hearing.

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

Sr. No.	Name of Holder of LOI/QL/ML	Particulars of individual mining/Leases including their budget for EMP and Labour welfare									
		LOI/Reference No/ ML No.	Date of lease registration	Name of Mineral	Area (in Ha)	Production Capacity	Project Cost (in Lakh)	Weather EC obtained if yes, Name of Authority and Date	Budget for EMP (Recurring) (in Lakh)	Budget for Green Belt Development (in Lakh)	Budget for Labour Welfare (in Lakh)
1	M/s Vijay Shree mines & Minerals	(L.O.I. 64/2021)	--	Granite	1.0884	Granite 54208 TPA	108.0	Now Applied	15.78	7.90	1.42
2	M/s A.G. Mines & Minerals	(M.L. 24/2018)	--	Granite	1.4143	Granite 90000.00 TPA	60.00	Operational Lease	1.00	0.3585	0.50
3	M/s Sawai Bhoj Granite	(M.L. 31/2018)	--	Granite	1.3006	Granite 76049.00 TPA	40.00	Operational Lease	1.00	0.3251	0.50
4	Shri Sagar Sharma	(M.L. 119/2018)	--	Granite	1.0229	Granite 109707.00 TPA	100.00	Operational Lease	2.10	0.60	2.94
5	Shree Giriraj Granite	(M.L. 57/2018)	--	Granite	1.5835	Granite 221940.00 TPA	100.00	Operational Lease	2.10	0.60	1.603

6	M/s. Satya Suman Marble & Granite	(M.L 86/2018)	--	Granite	1.0025	Granite 128294.00 TPA	120.00	Operational Lease	2.40	0.60	1.20
7	M/s. Arihant Granite	(M.L 22/2019)	--	Granite	1.4797	Granite 203212.00 TPA	100.00	Operational Lease	2.40	0.60	2.419
8	Sh. Jagdish Bairwa	(M.L 07/2019)	--	Granite	1.0144	Granite 52650.00 TPA	80.00	Operational Lease	2.10	0.50	1.824
9	Sh. Shivraj Gurjar	(M.L 28/2018)	--	Granite	1.0001	Granite 251206.00 TPA	90.00	Operational Lease	1.80	0.50	0.90
10	M/s. Aditi Granite & Minerals	(M.L 70/2018)	--	Granite	1.00	Granite 200000.00 TPA	100.00	Operational Lease	2.00	0.70	1.00
11	M/s. Basarani Granite	(M.L 108/2018)	--	Granite	1.1751	Granite 272764.00 TPA	100.00	Operational Lease	2.00	0.50	1.00
12	M/s. Shri Tirupati Granite Mines	(M.L 18/2019)	--	Granite	1.3848	Granite 60060.00 TPA	100.00	Operational Lease	2.30	0.70	2.147
13	M/s. Muni Pungav Mines & Minerals	20/2018	--	Granite	1.6336	Granite 120000.00 TPA	40.00	Operational Lease	1.00	0.4084	0.85
14	M/s. A.B. Granite	37/2018	--	Granite	1.9949	Granite 120000.00 TPA	40.00	Operational Lease	1.00	0.4987	0.50
15	Ghanshyam Saini	19/2018	--	Granite	1.5495	Granite 189216.00 TPA	30.00	Operational Lease	1.00	0.3874	0.50
16	M/s. Rathore Brothers	21/2018	--	Granite	2.8341	Granite 121800.00 TPA	80.00	Operational Lease	1.00	0.7085	0.50
17	Shri Shankar Lal	55/2018	--	Granite	2.2847	Granite 251505.00 TPA	30.00	Operational Lease	1.00	0.5711	0.50
18	Nathu Lal Chaudhary	12A/2013	--	Granite & Masonry	1.00	Granite & Masonry 69300 TPA	32.00	Operational Lease	0.50	0.25	0.40
19	Shri Pyare Lal Regar	(M.L 18/2018)	--	Granite	1.0006	Granite 200000.00 TPA	90.00	Operational Lease	3.60	0.60	1.27
20	Shri Prem Nath Bansal	(M.L 41/2019)	--	Granite	1.2699	Granite 183333.	92.00	Operational	3.60	0.65	1.22

		)				00 TPA		Lease			
21	M/s S.D. Minerals	(M.L 56/2018)	--	Granite	1.3452	Granite 260000 TPA	91.00	Operational Lease	3.40	0.55	1.27
22	Shri Aalok Modi	(M.L 99/2018)	--	Granite	2.3258	Granite 160510.00 TPA	100	Operational Lease	5.75	0.50	1.864
23	M/s Shree Mining Stone	(M.L 104/2018)	--	Granite	2.9945	Granite 150696.00 TPA	100	Operational Lease	5.00	0.80	3.362
24	M/s Dhanvarsha Granite	(M.L 27/2018)	--	Granite	1.2247	Granite 240000.00 TPA	--	Operational Lease	--	--	--

The ADM,Jaipurvide letter dated 31.08.2022 has approved cluster mining plan for mining of Granite with respect to the said cluster of area 35.9238Hectare. The PP has given an undertaking that cluster EMP shall be implemented by the LOIs/ mining lease holders collectively in consultation and supervision of the concerned Mining Engineer.

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

1	Category/ Item no. (in Schedule):	1 (a) /Category-B1									
2	Location of Project	Near Village- Ekalsingha, Tehsil: Kekri and District: Ajmer, Rajasthan									
3	Project Details REF. No./Production capacity Carrying Capacity of the cluster: 37,86,450 TPA (ROM)										
	<b>S. NO.</b>	<b>Project Proponent</b>	<b>Village</b>	<b>M.L No.</b>	<b>M.L. Area in Ha</b>	<b>Lease Status</b>	<b>EC Granted</b>	<b>Proposed /Existing Production</b>			
	1	M/s Vijay Shree mines & Minerals	Ekalsingha	(L.O.I. 64/2021)	1.0884	LOI	Now Applied	Granite 54208 TPA			
	2	M/s. Muni Pungav Mines & Minerals	Mevdakalan	20/2018	1.6336	Operational Lease	DEIAA/AJM/M-Sectt/2018-19/245 dated 26.11.2018	Granite 120000.00 TPA			
	3	M/s. A.B. Granite	Mevdakalan	37/2018	1.9949	Operational Lease	DEIAA/AJM/M-Sectt/2018-19/245 dated 26.11.2018	Granite 120000.00 TPA			
	4	Ghanshyam Saini	Nayaki	19/2018	1.5495	Operational Lease	DEIAA/AJM/M-Sectt/2018-19/245 dated 26.11.2018	Granite 189216.00 TPA			
	5	M/s. Rathore Brothers	Nayaki	21/2018	2.8341	Operational Lease	DEIAA/AJM/M-Sectt/2018-19/245 dated 26.11.2018	Granite 121800.00 TPA			

6	Shri Shankar Lal	Nayaki	55/2018	2.2847	Operational Lease	DEIAA/AJM/M-Sectt/2018-19/245 dated 26.11.2018	Granite 251505.00 TPA
7	Nathu Lal Chaudhary	Nayaki	12/2013	1.00	Operational Lease	DEIAA/AJM/M-Sectt/2016-17/56 dated 08.06.2016 for Masonry 66557.00 TPA	Granite & Masonry 69300 TPA
8	M/s A.G. Mines & Minerals	Ekalsinga	24/2018	1.4143	Operational Lease	DEIAA/AJM/M-Sectt/2018-19/245 dated 26.11.2018.	Granite 90000.00 TPA
9	M/s Sawai Bhoj Granite	Ekalsinga	31/2018	1.3006	Operational Lease	DEIAA/AJM/M-Sectt/2018-19/245 dated 26.11.2018.	Granite 76049.00 TPA
10	Shree Giriraj Granite	Ekalsinga	57/2018	1.5835	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(15700)2019-20 dated 30.07.2019	Granite 221940.00 TPA
11	M/s. Satya Suman Marble & Granite	Ekalsinga	86/2018	1.0025	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(16324)2019-2020 dated 10.02.2020	Granite 128294.00 TPA
12	Shri Sagar Sharma	Ekalsinga	119/2018	1.0229	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(15671)2019-20 dated 03.06.2019	Granite 109707.00 TPA
13	M/s. Shri Tirupati Granite Mines	Ekalsinga	18/2019	1.3848	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(16098)2019-2020 dated 14.11.2019	Granite 60060.00 TPA
14	M/s. Arihant Granite	Ekalsinga	22/2019	1.4797	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(16081)2019-2020 dated 26.11.2019	Granite 203212.00 TPA
15	Sh. Jagdish Bairwa	Ekalsinga	07/2019	1.0144	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(16651)2019-2020 dated 31.07.2020	Granite 52650.00 TPA
16	Sh. Shivraj Gurjar	Ekalsinga	28/2018	1.0001	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(16409)2019-2020 dated 04.03.2020	Granite 251206.00 TPA

	17	M/s. Aditi Granite & Minerals	Ekalsinga	70/2018	1.00	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(16424)2019-2020 dated 04.03.2020	Granite 200000.00 TPA
	18	M/s. Basarani Granite	Ekalsinga	108/2018	1.1751	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(16550)2019-2020 dated 04.03.2020	Granite 272764.00 TPA
	19	Shri Pyare Lal Regar	Mevda Kalan	18/2018	1.0006	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(15727)2019-2020 dated 14.07.2021	Granite 200000.00 TPA
	20	Shri Prem Nath Bansal	Ekalsingha	41/2019	1.2699	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(17295)2019-2020 dated 04.03.2020	Granite 183333.00 TPA
	21	M/s S.D. Minerals	Nayaki	56/2018	1.3452	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(15719)2019-2020 dated 23.07.2021	Granite 260000 TPA
	22	Shri Aalok Modi	Nayaki	99/2018	2.3258	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(17038)2019-2020 dated 26.08.2021	Granite 160510.00 TPA
	23	M/s Shree Mining Stone	Nayaki	104/2018	2.9945	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(15704)2019-2020 dated 26.08.2021	Granite 150696.00 TPA
	24	M/s Dhanvarsha Granite	Mevda Kalan	27/2018	1.2247	Operational Lease	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 1(a)B2(15728)2019-2020 dated 26.08.2021	Granite 240000.00 TPA
	<b>Total</b>				<b>35.9238</b>			<b>37,86,450</b>
				<b>Ha.</b>			<b>TPA</b>	
4	Project Cost		Total project cost Rs 1.08 Crore					
	<b>Sr. No.</b>	<b>Particulars</b>				<b>Cost (Rs.in Lac)</b>		
	1	Working Capital + Lease expenses				92.22		
	2	Environmental Management Plan				15.78		

			(Capital Cost)																																																																	
		<b>Total Project Cost</b>		108																																																																
5	Water Requirement & Source	<p>Total Water Requirement – 4.66 KLD Source: Water will be made available by nearby village Ekalsingha through water tanker.</p> <p>Note: All the leases in the cluster are already having the EC and water requirement will be the same as per the granted EC.</p>																																																																		
6	Fuel &Energy:	<p>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.</p> <p>Electricity connection will be taken from the concerned electricity department.</p>																																																																		
7	Application No. & Date & documents submitted: -	<p>Online Proposal No. (SIA/RJ/MIN/412378/2022) Documents: Final Cluster EIA/EMP Report along with approved mining plan &amp; all the requisite documents for grant of EC have been submitted.</p>																																																																		
8	Information about Aravalli Certificate.	<p>Aravali Certificate has been issued by AME, Sawar vide certificate No. AME/Sawar/ML (L.O.I)-64/2021/79 dated 14/03/2023.</p>																																																																		
9	Date of Air/Water/Noise Monitoring	<p>Baseline period for Air/Water/Noise Monitoring was Post Monsoon seasons (October, 2021 to December,2021)</p>																																																																		
10	Information about Cluster & 500 mts composite map& Cluster Certificate	<p>Cluster Certificate issued by AME, Sawar vide certificate No. AME/Sawar/ML (L.O.I)-64/2021/276 dated 06/10/2021 (Cluster Area: 35.9238 Ha)</p>																																																																		
11	<p>Environment Management Plan Additional EMP proposed as:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Head</th> <th>Total Cost (Rs Lakh per annum)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water requirement for water sprinkling on the Kachha roads</td> <td>1.92</td> </tr> <tr> <td>2</td> <td>Additional Plantation Development on both the sides of the kachha roads till the nearest approach road to suppress the dust</td> <td>16.60</td> </tr> <tr> <td>3</td> <td>Contribution towards construction and maintenance of the kachha roads after consultation with the concerned gram Panchayat and local people</td> <td>6.00</td> </tr> <tr> <td></td> <td>Total</td> <td>24.52</td> </tr> </tbody> </table>				S. No.	Head	Total Cost (Rs Lakh per annum)	1	Water requirement for water sprinkling on the Kachha roads	1.92	2	Additional Plantation Development on both the sides of the kachha roads till the nearest approach road to suppress the dust	16.60	3	Contribution towards construction and maintenance of the kachha roads after consultation with the concerned gram Panchayat and local people	6.00		Total	24.52																																																	
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12	<p>Green Belt/ Plantation</p> <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th colspan="2">Un-worked Area</th> <th colspan="2">Out Side Mine lease area (Avenue Plantation)</th> <th colspan="2">Outside the mine lease area inside own khasra</th> <th colspan="2">Non-Utilized</th> <th colspan="2">Backfilled Area</th> <th colspan="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> <th>Area (Ha)</th> <th>No. of Trees</th> <th>Area (Ha)</th> <th>No. of Trees</th> </tr> </thead> <tbody> <tr> <td>Existing</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>I</td> <td>3.1117</td> <td>3111</td> <td>0.3198</td> <td>320</td> <td>0.0105</td> <td>10</td> <td>0.1759</td> <td>176</td> <td>--</td> <td>--</td> <td>3.6179</td> <td>3617</td> </tr> <tr> <td>II</td> <td>3.1117</td> <td>3112</td> <td>0.3198</td> <td>320</td> <td>0.0105</td> <td>11</td> <td>0.1759</td> <td>176</td> <td>--</td> <td>--</td> <td>3.6179</td> <td>3619</td> </tr> </tbody> </table>				Year	Un-worked Area		Out Side Mine lease area (Avenue Plantation)		Outside the mine lease area inside own khasra		Non-Utilized		Backfilled Area		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	Area (Ha)	No. of Trees	Existing	--	--	--	--	--	--	--	--	--	--	--	--	I	3.1117	3111	0.3198	320	0.0105	10	0.1759	176	--	--	3.6179	3617	II	3.1117	3112	0.3198	320	0.0105	11	0.1759	176	--	--	3.6179	3619
Year	Un-worked Area		Out Side Mine lease area (Avenue Plantation)			Outside the mine lease area inside own khasra		Non-Utilized		Backfilled Area		Total																																																								
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<b>III</b>	3.1117	3112	0.3199	320	0.0106	11	0.1760	176	--	--	3.6182	3619
<b>IV</b>	Maintenance to be done								Maintenance to be done			
<b>V</b>												
<b>At the end of life of Mine</b>												
<b>Total</b>	<b>9.3351</b>	<b>9335</b>	<b>0.9595</b>	<b>960</b>	<b>0.0316</b>	<b>32</b>	<b>0.5278</b>	<b>528</b>	<b>1.0008</b>	<b>1000</b>	<b>11.8548</b>	<b>11855</b>

Total 11855 saplings will be planted over an area of 11.8549 hectare out of which 9335 saplings will be planted over the undisturbed area of 9.3351 ha within the first three years, 960 saplings will be planted outside the mine lease area along kaccha roads to be used for transportation purpose over an area of 0.9595 ha, 32 saplings will be planted outside the mine lease area inside own khasra by M/S Vijay Shree Mines & Minerals over an area of 0.0316 ha, 528 saplings will be planted over Non-utilized area of 0.5278 ha.

In addition to this, 1000 saplings will be planted over backfilled over an area of 1.0008 ha. at the end of life of mine and it will be ensured that after ceasing mining operations re-grassing of the mining area and any other area which may have been disturbed due to the mining activities is done and will restore the land to a condition which is fit for growth of fodder, flora, fauna etc. as per the MoEF& CC O.M vide No. 22-34/2018-IA.III dated 16th Jan 2020. Native species which are more suitable to the local environment are preferred to be planted such as Neem, Khejri, Dhok, etc

Note: As per the MoEF & CC Notification vide S.O 2269 (E) dated 1/7/2016 Point No. 4 page no. 5 the implementation of the Environment Management Plan shall be monitored at the interval of six months by the concerned State Environment Impact Assessment Authority.

13	Budgetary Breakup for Labour	Budgetary Breakup for Labour Annual Expenditure of Rs. 1.421 Lac per annum (Recurring Cost) (M/S Vijay Shree Mines & Minerals) Note: All the leases in the cluster are already having the EC and budgetary provisions will be the same as per the granted EC.
14	Present Status	Proposed Granite mining project of M/S Vijay Shree Mines & Minerals is a fresh lease now proposed for the grant of Environmental Clearance and rest other mines in the cluster are operational leases.

The SME, Ajmer vide order dated 18.08.2021 has issued LoI to the PP for mining of Granite having validity till 18 months. The same got registered on 29.08.2022 for 50 year. The Mining Plan has been approved by the ADM, Jaipur vide letter dated 06.12.2021. Also, AME, Sawar vide certificate on dated 14.03.2023 has stated that the mining lease does not fall in Aravalli Hills.

DCF, Ajmer vide certificate dated 24.03.2023 has stated that there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine lease area .

### **Resolution:-**

The Committee, upon appraisal of the project and having regard to the information contained in Form-1, CAF, final EIA/ EMP reports and other documents, submitted by the PP and

presentation made by the PP/ Consultant, resolved to recommend to SEIAA for approval of (1) EIA/EMP (2) Grant of EC for aforementioned project ,with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. 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.
2. Blasting and types of equipment used shall be strictly as per proposed plan in the Noise and Vibration/ Blasting Study Report..
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

**Agenda no. 23. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22571)/ 2021-22**

**Project Name-**

Application for Approval of EIA/EMP & Environmental Clearance for Biloniya Sandstone Mining Project, ML.No.25/2006 (old- 36/1991),Mine lease area-19.870 Hectare, Proposed Production Capacity- 35555 TPA(ROM) Khasra No.41,Village-Biloniya,Tehsil-Jharapatan, District- Jhalawad (Raj.) (**Proposal No-417060**)

**Name of Proponent-**

Shri Gurbhej Singh S/o Lt. Shri Sardar Singh , R/o- Modak Station, Tehsil- Ramganjmandi, District- Kota, Rajasthan  
Email - gurbhej.ec.b1@gmail.com

**Name of Consultant-**

M/s Apex Mintech Consultant, Add:- 3 Dhebar Colony, Near I.T.I., Pratapnagar, District. Udaipur, (Raj.),  
Email- apex.mintech.udr@gmail.com, apex.mintech@gmail.com

**Observations of the Committee-**

The Committee considered/examined the project proposal in its meeting **5B.45th** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

The project was also considered earlier in terms of OM dated 12.12.2018 of the MoEF& CC by SEAC in its 4.4<sup>th</sup>meeting held on 28-30, November 2018 prescribing ToR for undertaking EIA studies and for preparing EMP as the size of the proposed project exceeded 5.00 Hectare..The SEAC vide letter dated 18.02.2019 asked the PP to conduct EIA studies and prepare EMP for the entire project in order to capture all the possible externalities.

Sl.No.	Particulars	Area (Hectare)
--------	-------------	----------------

1	Area for which ToR issued	19.870
2	Area for which EIA/EMP study conducted	19.870
3	Area for which Public Hearing conducted	19.870

One season post monsoon primary base line data of the ambient air quality PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub>, Water Quality, Noise level, Soil quality and Flora and Fauna were collected during March 22 to May 22.

The PP following the above decision got public notice published in edition of Rajasthan Patrika Kota & Patan Express, Jhalawar dated 05.03.2021 for holding public hearing for the entire cluster for ascertaining material concerns for local affected persons and to take such concerns into account in the EIA/EMP report.

Public hearing was accordingly held on 09.04.2021 at 01.00 PM at Village-Biloniya, Tehsil-Jharapatan, District- Jhalawar (Raj.) in reference to aforementioned project under the Chairmanship of Shri Dutta Ram, Collector, Jhalawar & RO, RSPCB, Kota was also present during public hearing.

This is an existing mine. Initially, the lease was granted for mineral Sandstone in favour of Sh. Sardar Singh S/o Sh. Karam Singh for an area-39.01 Hectare on dated 10.09.1971. Thereafter after subsequent renewal, mutation and part surrender lease is in favour of Sh. Gurbej Singh over an area of 19.870 hectare valid upto 09.09.2031.

The Mining Plan has been approved by the SME, Kota vide letter dated 09.12.2022. Also, AME, Jhalawar vide certificate on dated 16.11.2022 has stated that the mining lease does not fall in Aravalli Hills.

DCF, Jhalawar vide certificate dated 09.06.2022 which states that there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine in Jhalawar District.

DCF, MNP, Kota vide certificate dated 13.06.2022 has stated that the distance of mining lease from Mukundra Hills Tiger Reserve is 1.99 Km & is outside ESZ of Mukundra Hills Tiger Reserve. The PP has obtained NBWL permission vide letter dated 04.09.2014.

The committee observed that the project being one of major mineral having lease area more than 5.0 ha, came under the purview of the EIA Notification dated 27.01.1994 of the MoEF & CC. According to the certificate dated 26.05.2022 of AME, Jhalawar the production of mineral in the 1993-1994 (base year) was 1226.41 MT. thereafter, in year 1994-95, 1995-96, 2003-2004, 2004-05, 2005-06, 2006-07, 2007-08 production was increase without obtaining EC. The project therefore, is one of violation of EIA notification. The PP has submitted affidavit to the effect that no activity has been carried out in violation of the EIA notification and Common Cause judgement pronounced by the Hon'ble Supreme Court of India.

The Committee observed that-

- (i) The proposal is not in line with Ministry's Office Memorandum dated 07/07/2021 (Standards Operating Procedure for identification and handling of violation case under EIA Notification, 2006)

The Committee resolved to seek additional documents from the PP pertaining Damage Assessment, Remedial Plan, Community Augmentation Plan and Penalty.

Thus, you are advised to submit additional documents/ information within a period of 30 days failing which your proposal will automatically get delisted from the list of pendency at PARIVESH portal. Besides this, recommendation may be also made by SEAC Secretariat to SEIAA for closure and delisting of the proposal.

**Agenda no. 24. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22574)/ 2021-22**

**Project Name-**

EC For Granite Mining Project, M.L. No. 76/2020, Ref.No. 202010000 25911, Mine lease area- 1.00 Hectare.,(Production capacity:-98,000 TPA (ROM){Saleable- 15182 TPA,Mineral Reject- 82818 TPA}Khasra No. 352, 353/1,Vill:- Kuwar, Tehsil- Kareda, District- Bhilwara(**Proposal No-416956**)

**Name of Proponent-**

Shri Dinesh Jhanwar, N/V - Kunwar, Tehsil - Kareda, Distt. - Bhilwara (Raj)

Email -Shreebalajii2022@Gmail.Com

**Name of Consultant-**

M/s Mantras Green Resources Ltd. Address: Hall No.1 Nice Sankul Plot No. A-9, Opp. Nasik Merchant Co Op Bank Ltd, ITI Signal, MidcSatpur, Nasik

Email- [mantrasjaipur@gmail.com](mailto:mantrasjaipur@gmail.com)

**Observations and Resolution of the Committee-**

The PP has requested vide letter dated 10.04.2023 for deferment of the case due to lack of documents. The Committee agreed to the request of the PP and deferred the matter. The project shall be taken up again on receipt of his request for reconsideration of the project by the PP, in the subsequent proposed meeting.

**Agenda no. 25. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22575)/ 2021-22**

**Project Name-**

Approval of EIA/EMP & Environmental Clearance for Masonry Mining Project, ML.No.- 335/2007, Mine lease area-1.00 Hectare, Proposed Production Capacity- 261144TPA(ROM),Khasra No.75,434 ,Village-Basawata, Tehsil-Buhana, District-Jhunjhunu(Raj.) (**Proposal No-417318**)

**Name of Proponent-**

Final minutes of 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023

Sh. Vishal Mittal S/o Sh. Vinod Kumar Mittal , R/o Hind Tractors, Pillani Road, Chirwa,  
District- Jhunjhunu (Raj.)  
Email- mittalvishal335@gmail.com

**Name of Consultant-**

M/s Mantras Green Resources Ltd. Address: Hall No.1 Nice Sankul Plot No. A-9, Opp.  
Nasik Merchant Co Op Bank Ltd, ITI Signal, MidcSatpur, Nasik  
Email- [mantrasjaipur@gmail.com](mailto:mantrasjaipur@gmail.com)

**Observations and Resolution of the Committee-**

The PP has requested vide letter dated 1.04.2023 for deferment of the case due to lack of documents. The Committee agreed to the request of the PP and deferred the matter. The project shall be taken up again on receipt of his request for reconsideration of the project by the PP, in the subsequent proposed meeting.

**Agenda no. 26. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22776)/ 2021-22**

**Project Name-**

Amendment in Environmental Clearance issued by MoEF & CC vide letter dated 03.02.2022 for River Sand Mining Project for increase in depth of mining from 1.0m to 3.0 m without any change in total production capacity (i.e. 2.8 MTPA ROM), and total lease area -544.03 Hectare ( Mineable Area – 362.68 Hectare) at Revenue Villages of Tehsil- Hurda, Masuda & District – Bhilwara (Rajasthan). (**Proposal No- 293888**).

**Name of Proponent-**

Sh. Vikramaditya Rathore S/o Sh Manmath Singh Rathore , R/o-230, Rajput Basti, Shikrani,  
Ajmer (Raj.)  
Email- vikramadityasinghshikrani@gmail.com <mailto:Dhannag1234@Gmail.Com>

**Name of Consultant-**

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](mailto:nsenvirotech@gmail.com)

**Observation of Committee:-**

The Committee considered/examined the project proposal in its meeting **5B. 45th** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

Initially Environment Clearance was granted by MoEF & CC vide letter dated 25.02.2016 with proposed production capacity of 2.8 MTPA ROM in 544.03 Hectare area., further the

Corrigendum regarding the extension of validity upto was issued by MoEF & CC vide letter dated 03.02.2022.

The PP has submitted compliance report, vide letter dated 10.04.2023 of the IRO,Jaipur certifying compliance of conditions of the earlier EC issued vide letter dated 03.02.2022.

The PP has submitted Mining Plan & Progressive Mine Closure Plan approved by Government of Rajasthan, SME, Bhilwara (Rajasthan) vide their letter dated 27.02.2023.

Shri BS Sodha Additional Director, Department of Mines & Geology, Government of Rajasthan was co-opted as expert member for appraisal. Concurrence of expert member (Additional Director, Jaipur) has been received through e- mail on 21.04.2023 (Copy enclosed). The concurrence has been reproduced as below -

After appraisal of these proposal it was observed that in compliance of the directions passed by Hon'ble Supreme Court vide judgment dated 11.11.2021, MoEF & CC has issued environmental clearance for these projects without insisting for replenishment study, restricting the permissible area of the mine as well as depth of mining. The project proponents have now undertaken replenishment study and have applied for modification in the EC regarding the area permitted for actual excavation as well as permissible depth of mining. After observing the data of replenishment study, the modification/amendment sought by Project Proponent may be allowed and environmental clearances issued by MoEF &CC may be modified/amended accordingly.

### **Resolution:**

The SEAC-2, upon appraisal of the Project having regard to the information contained the EC issued by MoEF &CC vide dated 25.02.2016 and 03.02.2022, Concurrence of expert member (Additional Director, Jaipur Region) provided through e-mail on 21.04.2023, submitted replenishment study, and other relevant documents resolved to recommend to SEIAA for Amendment in Environmental Clearance dated 03.02.2022 for making validity of EC co-terminus with the lease period and for increase in mineable depth of mining from 1 meter to 3 meter without any increase in total mining capacity and without any increase in mineable area subject to the specific conditions in addition to Standard EC conditions mentioned in “**Annexure A**” with the conditions to strictly comply with the conditions prescribed/imposed by- **i) MoEF&CC in the earlier granted EC vide dated 25.02.2016 and 03.02.2022, ii) Ministry's O.M. No. 22-34/2018-IA.III dated 08.01.2019&16.01.2020 iii) Conditions as per Sustainable Sand Mining Management Guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020, SOP issued by the Rajasthan State Government for prevention of illegal river sand mining in the state iv) Further, the PP will have to ensure the compliances of all the direction issued by Hon'ble Courts with reference to River Sand Mining.**

#### **A. Specific Conditions**

1. The validity of EC may be kept co-terminus with the lease period.

2. Permissible Mining of Bed Material (Sand/Bajri) shall be limited to 2.8 MTPA ROM from an effective mineable area of 362.68 Hectare.
3. The project proponent shall submit the monthly production details and the compliance of the plantation of the earlier EC to Regional Office of MoEF&CC and Mining Department, Govt of Rajasthan.
4. The project proponent shall take all measures for the surveillance as proposed by the project proponent. The status of implementation with documentary proof needs to be submitted to Regional Office of MoEF&CC.
5. The conservation plan in consultation with the Forest Department shall be implemented and compliance of the same shall be submitted to Regional Office of MoEF&CC.
6. The project proponent shall implement the mitigation measure to control the impact due to transportation viz. Kaccha road, transportation of sand from villages having habitation should be avoided, regular water sprinkling ( 3 times a day) before transportation of mineral, plantation on the both side of this road should be completed within 1 year trucks shall not be overloaded, spillage of the mineral to be avoided, covered transportation. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC..
7. The project proponent shall implement all mitigative measures envisaged in the Environmental Management Plan (EMP) and committed during the presentation and subsequent submissions. A separate Environment management cell (EMC) shall be created with suitable staff having relevant qualification in environment with supporting staff. Implementation report with supporting documents, test reports, geo- locations & photographs before and after and composition of EMC shall be submitted to the Regional Office of MoEF & CC.
8. The project proponent shall implement the occupational health plan and provide personal protective equipment to all the workers (*helmets, dust masks, ear muffs*), provision of safe drinking water to workers, shelters for rest etc. In addition to this Occupational health check-up of all workers working in mine, and pulmonary function test for workers working in dusty areas. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC.
9. For subsequent period, PP shall submit fresh annual replenishment study to MoEF&CC for amendment in EC for mineable quantity and maximum permission depth for mining based on the scientific findings replenishment study. Such study shall be placed before EAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity a depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by EAC.

**Agenda no. 27. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22810)/ 2021-22**

**Project Name-**

Amendment in Environmental Clearance issued by MoEF & CC vide letter dated 03.02.2022 for River Sand Mining Project for increase in depth of mining from 1.0m to 3.0 m without any change in total production capacity (i.e. 2.24 MTPA ROM) and total Lease area – 1947.12 Hectare (Mineable area-1878.93 Hectare) at Revenue Villages of Tehsil- Bhilwara & District – Bhilwara (Rajasthan). **(Proposal No- 293608).**

**Name of Proponent-**

Sh. Sanjay Kumar Garg S/o Sh. Bhagwati Lal Garg , R/o-Mohan nagar, Hindoun city , Tehsil- Karouli (Raj.)

Email- [bhilwarabajri@gmail.com](mailto:bhilwarabajri@gmail.com)

**Name of Consultant-**

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- [nsevirotech@gmail.com](mailto:nsevirotech@gmail.com)

**Observation of Committee:-**

The Committee considered/examined the project proposal in its meeting **5B. 45th** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

Initially Environment Clearance was granted by MoEF & CC vide letter dated 03.02.2022 with proposed production capacity of 2.24 MTPA ROM .

The PP has submitted compliance report, vide letter dated 10.04.2023 of the IRO,Jaipur certifying compliance of conditions of the earlier EC issued vide letter dated 03.02.2022.

The PP has submitted Mining Plan & Progressive Mine Closure Plan approved by Government of Rajasthan, SME, Bhilwara (Rajasthan) vide their letter dated 16.01.2023.

Shri BS Sodha Additional Director, Department of Mines & Geology, Government of Rajasthan was co-opted as expert member for appraisal. Concurrence of expert member (Additional Director, Jaipur) has been received through e- mail on 21.04.2023 (Copy enclosed). The concurrence has been reproduced as below -

After appraisal of these proposal it was observed that in compliance of the directions passed by Hon'ble Supreme Court vide judgment dated 11.11.2021, MoEF & CC has issued environmental clearance for these projects without insisting for replenishment study, restricting the permissible area of the mine as well as depth of mining. The project proponents have now undertaken replenishment study and have applied for modification in the EC regarding the area permitted for actual excavation as well as permissible depth of mining. After observing the data of replenishment study, the modification/amendment sought

by Project Proponent may be allowed and environmental clearances issued by MoEF &CC may be modified/amended accordingly.

### **Resolution:**

The SEAC-2, upon appraisal of the Project having regard to the information contained the EC issued by MoEF &CC vide dated 03.02.2022, Concurrence of expert member (Additional Director, Jaipur Region) provided through e-mail on 21.04.2023, submitted replenishment study, and other relevant documents resolved to recommend to SEIAA for Amendment in Environmental Clearance dated 03.02.2022 for making validity of EC co-terminus with the lease period and for increase in mineable depth of mining from 1 meter to 3 meter without any increase in total mining capacity and without any increase in mineable area subject to the specific conditions in addition to Standard EC conditions mentioned in “**Annexure A**” with the conditions to strictly comply with the conditions prescribed/imposed by- **i) MoEF & CC in the earlier granted EC vide dated 03.02.2022, ii) Ministry's O.M. No. 22-34/2018-IA.III dated 08.01.2019&16.01.2020 iii) Conditions as per Sustainable Sand Mining Management Guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020, SOP issued by the Rajasthan State Government for prevention of illegal river sand mining in the state iv) Further, the PP will have to ensure the compliances of all the direction issued by Hon’ble Courts with reference to River Sand Mining.**

#### **A. Specific Conditions**

1. The validity of EC may be kept co-terminus with the lease period.
2. Permissible Mining of Bed Material (Sand/Bajri) shall be limited to 2.24 MTPA ROM from an effective mineable area of 1878.93 Hectare.
3. The project proponent shall submit the monthly production details and the compliance of the plantation of the earlier EC to Regional Office of MoEF&CC and Mining Department, Govt of Rajasthan.
4. The project proponent shall take all measures for the surveillance as proposed by the project proponent. The status of implementation with documentary proof needs to be submitted to Regional Office of MoEF&CC.
5. The conservation plan in consultation with the Forest Department shall be implemented and compliance of the same shall be submitted to Regional Office of MoEF&CC.
6. The project proponent shall implement the mitigation measure to control the impact due to transportation viz. Kaccha road, transportation of sand from villages having habitation should be avoided, regular water sprinkling ( 3 times a day) before transportation of mineral, plantation on the both side of this road should be completed within 1 year trucks shall not be overloaded, spillage of the mineral to be avoided, covered transportation. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC.
7. The project proponent shall implement all mitigative measures envisaged in the Environmental Management Plan (EMP) and committed during the presentation and

subsequent submissions. A separate Environment management cell (EMC) shall be created with suitable staff having relevant qualification in environment with supporting staff. Implementation report with supporting documents, test reports, geo- locations & photographs before and after and composition of EMC shall be submitted to the Regional Office of MoEF & CC.

8. The project proponent shall implement the occupational health plan and provide personal protective equipment to all the workers (*helmets, dust masks, ear muffs*), provision of safe drinking water to workers, shelters for rest etc. In addition to this Occupational health check-up of all workers working in mine, and pulmonary function test for workers working in dusty areas. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC.
9. For subsequent period, PP shall submit fresh annual replenishment study to MoEF&CC for amendment in EC for mineable quantity and maximum permission depth for mining based on the scientific findings replenishment study. Such study shall be placed before EAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity a depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by EAC.

**Agenda no.28. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22811)/ 2021-22**

**Project Name-**

Amendment in Environmental Clearance issued by MoEF & CC vide letter dated 03.02.2022 for River Sand Mining Project for increase in depth of mining from 1.0m to 3.0 m without any change in total production capacity (i.e. 1.68 MTPA ROM) and total Lease area – 995.0 Hectare ( Mineable area -672.84 Hectare) at Revenue Villages of Tehsil- Mandal & District – Bhilwara (Rajasthan). **(Proposal No.293896)**

**Name of Proponent-**

Shri Abhimanyu Choudhary S/o Naresh Kumar Choudhary, R/o-C-57,Hanuman Nagar,Raghu Marg,Khatipura,Jaipur (Raj.)

Email- [abhimanyusinghbhinay@gmail.com](mailto:abhimanyusinghbhinay@gmail.com)

**Name of Consultant-**

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

**Observation of Committee:-**

The Committee considered/examined the project proposal in its meeting **5B. 45th** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

Initially Environment Clearance was granted by MoEF & CC vide letter dated 03.02.2022 with proposed production capacity of 1.68 MTPA ROM in 995.0 Hectare area.

The PP has submitted compliance report, vide letter dated 10.04.2023 of the IRO,Jaipur certifying compliance of conditions of the earlier EC issued vide letter dated 03.02.2022.

The PP has submitted Mining Plan & Progressive Mine Closure Plan approved by Government of Rajasthan, SME, Bhilwara (Rajasthan) vide their letter dated 16.01.2023.

Shri BS Sodha Additional Director, Department of Mines & Geology, Government of Rajasthan was co-opted as expert member for appraisal. Concurrence of expert member (Additional Director, Jaipur) has been received through e- mail on 21.04.2023 (Copy enclosed). The concurrence has been reproduced as below -

After appraisal of these proposal it was observed that in compliance of the directions passed by Hon'ble Supreme Court vide judgment dated 11.11.2021, MoEF & CC has issued environmental clearance for these projects without insisting for replenishment study, restricting the permissible area of the mine as well as depth of mining. The project proponents have now undertaken replenishment study and have applied for modification in the EC regarding the area permitted for actual excavation as well as permissible depth of mining. After observing the data of replenishment study, the modification/amendment sought by Project Proponent may be allowed and environmental clearances issued by MoEF &CC may be modified/amended accordingly.

### **Resolution:**

The SEAC-2, upon appraisal of the Project having regard to the information contained the EC issued by MoEF &CC vide dated 03.02.2022, Concurrence of expert member (Additional Director, Jaipur Region) provided through e-mail on 21.04.2023, submitted replenishment study, and other relevant documents resolved to recommend to SEIAA for Amendment in Environmental Clearance dated 03.02.2022 for making validity of EC co-terminus with the lease period and for increase in mineable depth of mining from 1 meter to 3 meter without any increase in total mining capacity and without any increase in mineable area subject to the specific conditions in addition to Standard EC conditions mentioned in “**Annexure A**” with the conditions to strictly comply with the conditions prescribed/imposed by- **i) MoEF&CC in the earlier granted EC vide dated 03.02.2022, ii) Ministry's O.M. No. 22-34/2018-IA.III dated 08.01.2019 & 16.01.2020 iii) Conditions as per Sustainable Sand Mining Management Guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020, SOP issued by the Rajasthan State Government for prevention of illegal river sand mining in the state iv) Further, the PP will have to ensure the compliances of all the direction issued by Hon’ble Courts with reference to River Sand Mining.**

#### **A. Specific Conditions**

1. The validity of EC may be kept co-terminus with the lease period.
2. Permissible Mining of Bed Material (Sand/Bajri) shall be limited to 1.68 MTPA ROM from an effective mineable area of 672.84 Hectare.
3. The project proponent shall submit the monthly production details and the

compliance of the plantation of the earlier EC to Regional Office of MoEF & CC and Mining Department, Govt of Rajasthan.

4. The project proponent shall take all measures for the surveillance as proposed by the project proponent. The status of implementation with documentary proof needs to be submitted to Regional Office of MoEF & CC.
5. The conservation plan in consultation with the Forest Department shall be implemented and compliance of the same shall be submitted to Regional Office of MoEF & CC.
6. The project proponent shall implement the mitigation measure to control the impact due to transportation viz. Kaccha road, transportation of sand from villages having habitation should be avoided, regular water sprinkling ( 3 times a day) before transportation of mineral, plantation on the both side of this road should be completed within 1 year trucks shall not be overloaded, spillage of the mineral to be avoided, covered transportation. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC.
7. The project proponent shall implement all mitigative measures envisaged in the Environmental Management Plan (EMP) and committed during the presentation and subsequent submissions. A separate Environment management cell (EMC) shall be created with suitable staff having relevant qualification in environment with supporting staff. Implementation report with supporting documents, test reports, geo- locations & photographs before and after and composition of EMC shall be submitted to the Regional Office of MoEF & CC.
8. The project proponent shall implement the occupational health plan and provide personal protective equipment to all the workers (*helmets, dust masks, ear muffs*), provision of safe drinking water to workers, shelters for rest etc. In addition to this Occupational health check-up of all workers working in mine, and pulmonary function test for workers working in dusty areas. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC.
9. For subsequent period, PP shall submit fresh annual replenishment study to MoEF&CC for amendment in EC for mineable quantity and maximum permission depth for mining based on the scientific findings replenishment study. Such study shall be placed before EAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity a depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by EAC.

**Agenda no.29. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22812)/ 2021-22**

**Project Name-**

Amendment in Environmental Clearance issued by MoEF & CC vide letter dated 03.02.2022 for River Sand Mining Project for increase in depth of mining from 1.0m to 3.0 m without any change in total production capacity (i.e. 25.20 Lakhs TPA ROM) and total Lease area –

3056.6181 Hectare (Mineable area-2037.7454 Hectare) at Revenue Villages of Tehsil- Pachpadra & District – Barmer (Rajasthan). (**Proposal No.294202**)

**Name of Proponent-**

Shri Raman Sethi S/o Shri Om Prakash Sethi, R/o S-312, Panchsheel Park, South Delhi (Delhi),

Email- [pachpadrabajri@gmail.com](mailto:pachpadrabajri@gmail.com)

**Name of Consultant-**

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

**Observation of Committee:-**

The Committee considered/examined the project proposal in its meeting **5B. 45th** held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** in the presence of PP and his Consultant.

Initially Environment Clearance was granted by MoEF & CC vide letter dated 03.02.2022 with proposed production capacity of 25.2 Lakhs TPA ROM in 3056.6181 Hectare area.

The PP has submitted compliance report, vide letter dated 13.04.2023 of the IRO,Jaipur certifying compliance of conditions of the earlier EC issued vide letter dated 03.02.2022.

The PP has submitted Mining Plan & Progressive Mine Closure Plan approved by Government of Rajasthan, SME, Bhilwara (Rajasthan) vide their letter dated 06.01.2023

Shri BS Sodha Additional Director, Department of Mines & Geology, Government of Rajasthan was co-opted as expert member for appraisal. Concurrence of expert member (Additional Director, Jaipur) has been received through e- mail on 21.04.2023 (Copy enclosed). The concurrence has been reproduced as below -

After appraisal of these proposal it was observed that in compliance of the directions passed by Hon'ble Supreme Court vide judgment dated 11.11.2021, MoEF & CC has issued environmental clearance for these projects without insisting for replenishment study, restricting the permissible area of the mine as well as depth of mining. The project proponents have now undertaken replenishment study and have applied for modification in the EC regarding the area permitted for actual excavation as well as permissible depth of mining. After observing the data of replenishment study, the modification/amendment sought by Project Proponent may be allowed and environmental clearances issued by MoEF &CC may be modified/amended accordingly.

**Resolution:**

The SEAC-2, upon appraisal of the Project having regard to the information contained the EC issued by MoEF &CC vide dated 03.02.2022, Concurrence of expert member (Additional Director, Jaipur Region) provided through e-mail on

21.04.2023, submitted replenishment study, and other relevant documents resolved to recommend to SEIAA for Amendment in Environmental Clearance dated 03.02.2022 for making validity of EC co-terminus with the lease period and for increase in mineable depth of mining from 1 meter to 3 meter without any increase in total mining capacity and without any increase in mineable area subject to the specific conditions in addition to Standard EC conditions mentioned in “**Annexure A**” with the conditions to strictly comply with the conditions prescribed/imposed by- **i) MoEF&CC in the earlier granted EC vide dated 03.02.2022, ii) Ministry's O.M. No. 22-34/2018-IA.III dated 08.01.2019 & 16.01.2020 iii) Conditions as per Sustainable Sand Mining Management Guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020, SOP issued by the Rajasthan State Government for prevention of illegal river sand mining in the state iv) Further, the PP will have to ensure the compliances of all the direction issued by Hon’ble Courts with reference to River Sand Mining.**

#### **A. Specific Conditions**

1. The validity of EC may be kept co-terminus with the lease period.
2. Permissible Mining of Bed Material (Sand/Bajri) shall be limited to 25.2 LTPA ROM from an effective mineable area of 2037.7454 Hectare.
3. The project proponent shall submit the monthly production details and the compliance of the plantation of the earlier EC to Regional Office of MoEF & CC and Mining Department, Govt of Rajasthan.
4. The project proponent shall take all measures for the surveillance as proposed by the project proponent. The status of implementation with documentary proof needs to be submitted to Regional Office of MoEF & CC.
5. The project proponent shall implement the mitigation measure to control the impact due to transportation viz. Kaccha road, transportation of sand from villages having habitation should be avoided, regular water sprinkling ( 3 times a day) before transportation of mineral, plantation on the both side of this road should be completed within 1 year trucks shall not be overloaded, spillage of the mineral to be avoided, covered transportation. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC.
6. The project proponent shall implement all mitigative measures envisaged in the Environmental Management Plan (EMP) and committed during the presentation and subsequent submissions. A separate Environment management cell (EMC) shall be created with suitable staff having relevant qualification in environment with supporting staff. Implementation report with supporting documents, test reports, geo- locations & photographs before and after and composition of EMC shall be submitted to the Regional Office of MoEF & CC.
7. The project proponent shall implement the occupational health plan and provide personal protective equipment to all the workers (*helmets, dust masks, ear muffs*), provision of safe drinking water to workers, shelters for rest etc. In addition to this Occupational health check-up of all workers working in mine, and pulmonary function test for workers working in dusty areas. Implementation report with

supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC.

8. The project proponent shall implement the conditions prescribed in Enforcement & Monitoring Guidelines for Sand Mining 2020, as applicable for project proponent and also SoP issued by the Rajasthan State Government for prevention of illegal river sand mining in the state. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF & CC..
9. For subsequent period, PP shall submit fresh annual replenishment study to MoEF&CC for amendment in EC for mineable quantity and maximum permission depth for mining based on the scientific findings replenishment study. Such study shall be placed before EAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity a depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by EAC.

**Agenda no.30. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(22734)/ 2021-22**

**Project Name-**

Amendment in Environmental Clearance Issued vide letter dated 03.02.2022 of River Sand Mining Project (Production Capacity: 48 lakh TPA (ROM); Total ML Area of 588.14 Ha ;) Located : At Villages Revenue, Tehsil – Pindwara & District – Sirohi (Rajasthan). **(Proposal No. 297966)**

**Name of Proponent-**

M/s. Shri Paarasml Ghanchi R/o Talab Road, Jasol, Tehsil -Panchpadra, District Barmer (Rajasthan)

Email: mparas908@gmail.com

**Name of Consultant-**

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 vide letter dated 08.04.2023 has submitted an application for deferment of the case due to lack of documents. The Committee agreed to the request of the PP and deferred the matter. The project shall be taken up again on receipt of his request for consideration of the project by the PP, in the subsequent proposed meeting.

**Add. Agenda no.01. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (21162)/ 2022-23**

**Project Name-** Application for approval of EIA/EMP and EC to Hirakhera Quartz & Feldspar & Granite Mining Project, Cluster area 20.0965 ha. Production Capacity of Cluster – 926826.79 TPA (ROM), M.L.No. 80/2018, Area- 2.0970 Ha., Production Capacity- 168735 TPA (ROM), Khasra No- 255, 256, 274, 342/255 & 343/256 Add.-Village- Hirakhera, Tehsil – Deogarh, District - Rajasmand, (Raj.) **(Proposal No. 67955)**

**Name of Proponent :** - Shri Jagdish Kumar Bishnoi S/o Shri Hazari Ram, Add.- 607, The-Orbit BhanBagh, New Fatehpura, Udaipur (Raj.) Email- jagdishrajsamand@outlook.com

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

**The Project details so far-**

The SEAC-2 considered the proposal in its 5B.23<sup>st</sup> meeting held on 02-05<sup>th</sup> August,2022

The project was also considered earlier in terms of OM dated 12.12.2018 of the MoEF& CC by SEAC in its 4.44<sup>th</sup> meeting held on 28-31<sup>th</sup>, July & 05<sup>th</sup> August 2020prescribing ToR for undertaking EIA studies and for preparing EMP as the size of the cluster in which the proposed project lies exceeded 5.0 ha. The size of the cluster as per certificate dated 24.07.2019 of ME, Amet is 20.0966 ha. The SEAC vide letter dated 31.08.2020 asked the PP to conduct EIA studies and prepare EMP for the entire cluster in order to capture all the possible externalities.

One season post monsoon primary base line data of the ambient air quality PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub>, Water Quality, Noise level, Soil quality and Flora and Fauna were collected during December, 2019 to Feb. 2020.

The PP following the above decision got public notice published in edition of DainikNavjyotiand Times of India, Rajsamand dated 10.08.2021 for holding public hearing for the entire cluster for ascertaining material concerns for local affected persons and it such concerns into account in the EIA/EMP report.

Public hearing was accordingly held on 13.09.2021 at 11:00 AM in near Project site Village- Hirakhera, Tehsil – Deogarh, District - Rajasmand, (Raj.), for aforementioned project under the Chairmanship of Sh. Kushalkumar Kothari , Add. District Collector and Magistrate, Rajsamand , Sh. Anuragyadav, Regional officer, RSPCB, Rajsamand, was also present during public hearing.

The ADM, Udaipurvide letter dated 03.11.2021 has approved mining plan. The PP has given an undertaking that cluster EMP shall be implemented by the LOIs/ mining lease holders collectively in consultation and supervision of the concerned Mining Engineer.

The ADM, Udaipur has granted LOI for mineral on 28.02.2019. The ADM, Udaipur has extended the LoI vide order dated 06.01.2022. The DMG, Udaipur has extended the LoIupto 27.08.2022 vide order dated 04.08.2022.The mining plan has been approved by the SME, Rajsamandvide letter dated 20.06.2019. ME, Amet in his certificate dated 26.04.2022 has

stated that the mining lease does not fall in Aravalli hills. DCF(WL), Rajsamand in certificate dated 09.05.2022 has stated that the distance of TodgarhRaoli Wildlife sanctuary and Kumbalgarh Wildlife sanctuary are 8.90 km and 20.40 Km, respectively. The mine is not in ESZ of TodgarhRaoli and within 10 Km of WLS Kumbhalgarh. Further, DCF(WL), Rajsamand in certificate has stated that there are only two WLS namely Kumbhalgarh Wildlife Sanctuary and TodgarhRaoli Wildlife Sanctuary in Rajsamand district and besides these there is no WLS/National park/Tiger and elephant reserve within 10Km from the applied lease area. The PP has submitted the receipt of conservation plan submitted to concerned DCF office vide letter dated 04.08.2022.

The committee observed that Blasting and drilling is proposed for mining activities therefore the committee asked the PP to conduct scientific study from CIMFR or any other recognized institution of repute which is approved for carrying out such types of study. The study should clearly demonstrate whether there are any adverse impacts on nearby buildings/edit bodies/dams / etc along with mitigating measures (if applicable).

The PP should carry out impact assessment due to air pollution by consideration all the mining and allied activities, and indicate the factors and their capacity considered for prediction of air quality monitoring.

The control case and worst case scenario needs to be demonstrated with controlling factors and worst case scenario clearly besides it GLC values for all the pollutants needs to be clearly mentioned. The input parameters used for the modelling also needs to be calculated and submitted. Therefore, the committee asked PP to submit the same within a period of 45 days failing which the project shall be recommended to SEIAA for closure and delistment.

The PP, in response to the query made by SEAC vide letter dated 02.09.2022 has submitted reply vide letter dated 15.09.2022. The SEAC in its 5B.26<sup>th</sup> meeting held on 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup>& 22<sup>nd</sup> September, 2022 considered the reply.

The PP has submitted AQM report and informed that blasting study can be conducted after obtaining EC, CTE, CTO. The Committee observed that blasting and drilling is proposed in mining plan. Committee further observed that habitation is located within 1 km of applied lease area. Thus, in light of decision taken by SEAC 2 Committee in meeting dated 29.08.2022, blasting study is required to be conducted at the time of appraisal of the proposal. Therefore, the committee asked the PP to carry out scientific study from CIMFR or any other recognized institution of repute which is approved for carrying out such study. The study should be clearly demonstrated that whether there are any adverse impacts on nearby buildings/water bodies/dams / etc and can it be controlled by adopting mitigating measures or not.

The control case and worst case scenario needs to be demonstrated with controlling factors and worst case scenario clearly besides it GLC values for all the pollutants needs to be clearly mentioned. The input parameters used for the modeling also needs to be calculated and submitted. ADS was issued on 06.10.2022.

The SEAC in its **5B.32<sup>th</sup> Meeting** held on **16<sup>th</sup>, 17<sup>th</sup> & 18<sup>th</sup> November, 2022** considered the request letter submitted by PP dated 03.11.2022 requesting to provide time for submission of

blasting study in support of the reply, therefore the committee resolved to provide time to PP for submission of the documents and consider the proposal in upcoming meeting.

The Committee again defer the case in its 5B.42<sup>nd</sup> meeting held on **28th Feb, 1st, 2nd ,3rd & 9th March, 2023** due to deficiency of some documents.

The PP, in response to the query made by SEAC vide letter dated 06.10.2022 has submitted reply vide letter received on dated 14.10.2022(Online) & 17.02.2023,02.03.2023(Hard copy). The SEAC in its **5B.45<sup>th</sup>** meeting held on **10<sup>th</sup> , 11<sup>th</sup> , 12<sup>th</sup> and 13<sup>th</sup> April, 2023** considered the reply.

The PP, in compliance of the query has submitted following documents-

1. PP have submitted noise & vibration study report conducted by Mr.Puneet Vardia
2. The lease got registered on 30.09.2022 for 50 years.
3. The proponent have submitted affidavit giving undertaking regarding implementation of the cluster EMP of aforementioned project.

Sl.No.	Particulars	Area (Hectare)
1	Area for which ToR issued	20.0966
2	Area for which EIA/EMP study conducted	20.0965
3	Area of Cluster Mining Plan	20.0965
4	Area for which Public Hearing conducted	20.0965

**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 of Person with address	Instruction	Replies by mining Project proponents	Time bound plan of action with financial allocation for cluster
1	Shri Paras Gurjar, N/v- Hirakhera, Tehsil- Deogarh, District - Rajsamand	Dust will air born Due to the running of the mine	Mining lessee has explained measures to prevent dust airborn.	Financial Allocation 1,00,000/- Rupees for Water  Sprinkling, wet drilling etc.
2	Shri Ram Lal Gurjar	Local people should be	Mining lessee assured to give	-

	N/v- Hirakhera, Tehsil- Deogarh, District – Rajsamand	given priority in employment in this mining project.	priority to local people in employment	
3	Shri Roop Lal Gurjar N/v- Hirakhera, Tehsil- Deogarh, District – Rajsamand	Due to this mining project, there will be the problem of road breaking due to vehicles.	Mining lessee told that no vehicle would be overloaded from his mining project. The mining lessee has assured to use some part of the income from this mining project in the interest of the villagers.	Financial Allocation 6,10,000/- Rupees for Road Preparation & Maintenance.
4	Shri Prajapati Prem N/v- Hirakhera, Tehsil- Deogarh, District – Rajsamand	This mining project should not be a problem to the local people.	The mining lessee assured that the local people would not face any problem by his employees.	-

The PP has submitted on affidavit (duely certified by Notary vide dated 02.03.2023) that , an additional EMP budget (which includes plantation cost on both the sides of kachha roads to be used for transportation purpose, Water requirement cost for dust suppression and Kachha road maintenance cost) is also proposed to mitigate the pollution load.M/s Jagdish Kumar Bishnoi sates that EMP budget (EMP and Green Belt) of Rs 11.65Lacs will be the budgetary provisions for the EMP of own project and additional Rs 21Lacs will be the EMP budget (EMP and Green Belt) for the Sr. No. 2-3 of above discussed table.The PP give undertaking that an additional amount of 21 Lacs will be beard by him for the implementation of the additional EMP apart from the amount of 11.65 Lac for own lease. The Committee took the note of aforesaid affidavit and accepted the aforesaid request of PP regarding bearing of budgetary provision of EMP along with other mining leases, therefore, the committee resolved to approved the EIA/EMP for entire cluster heaving lease area 20.0965 Ha.

Sr . N o.	Name of Holder of LOI/QL /ML/Re f. No.	Particulars of individual mining/Leases including their budget for EMP and labour welfare										
		LOI/Q L/ ML No./R ef. No.	LOI & Agreem ent details	Area (in Ha)	Typ e of lan d	Khasr a No.	Produc tion Capaci ty	Projec t Cost (in Cr.)	TOR/ Letter	EC	EM P (Co st) in Lak	Bud get alloc atio n for wor ker

										h	in Lak h
1.	Shri Jagdish Kumar Bishnoi	80/2018	23/09/2022	2.0970	Pvt. land	255, 256, 274, 342/255 & 343/256	1,68,735 (ROM)	3.5	TOR - F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(17042)/2019-20/13193 on dated 31/08/2020	11.65	3.50
2.	*Shri Kishan Lal	85/2018	05/10/2018	1.0	Pvt. land	195	102157.79 (ROM)	1.0	-	7.0	1.0
3.	*Shri Yogeshwar Granite	77/2018	16/01/2019	3.0	Pvt. land	236/2, 236/5, 236/6, 236/8, 236/9	100000 (ROM)	1.0	-	14.0	1.0
4.	Shri Manohar Lal Kothari	12/2018	05/10/2018	2.2486	Pvt. land	304,307,308,309	342653	0.50	F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.1(a)B2(15846/16904)/2019-20 Jaipur on dated 11/11/2020	2.0	0.50
5.	M/s Nagnecha Granites	Plot No. 24/17	27/02/2018.	3.0	Pvt. land	214	90061	0.50	F1/DEIAA/Mines/2018/95 on dated 26/03/2018	1.5	0.50
6.	M/s Maa Bhagwati Granite	60/2013	26/08/2014.	4.460	Pvt. land	16	75000	1.0	F1/DEIAA/Mines/2018/34 on dated 19/01/2018	0.6	0.30

7.	Shri Devi Lal Gurjar	106/12	16/01/2014.	4.2909	Pvt. land	332/1, 289,29 1,351/ 332,35 3/332, 352/33 2,306/ 289	48220	1.0	F-1/DEIAA/Mine/2016/540 on dated 12/07/2016	2.0	1.0
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*Note: \* denotes that the Environmental Clearance letter of the respective project are not available, So the EMP budget will be implemented by Jagdish Kumar Bishnoi in addition to own EMP budget.*

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

S. No.	Particulars	Details/Information					
1.	Cat./ Item no. (in schedule):	1 (a)-B1					
2.	Location of the Project	Near village – Hirakhera, Tehsil: Deogarh, District: Rajsamand(Rajasthan)					
3.	Project Details M.L No./ Production Capacity	<b>S. No.</b>	<b>Name of Proponents</b>	<b>ML. No</b>	<b>Area (Hect.)</b>	<b>Production Capacity in Tonnes</b>	<b>Cluster Cost in Cr.</b>
		1.	Shri Jagdish Kumar Bishnoi	80/2018	2.0970	1,68,735 (ROM)	3.5
		2.	Shri Kishan Lal	85/2018	1.0	102157.79 (ROM)	1.0
		3.	Shri Yogeshwar Granite	77/2018	3.0	100000 (ROM)	1.0
		4.	Shri Manohar Lal Kothari	12/2018	2.2486	342653	0.50
		5.	M/s Nagnecha Granites	Plot No. 24/17	3.0	90061	0.50
		6.	M/s Maa Bhagwati Granite	60/2013	4.460	75000	1.0
		7.	Shri Devi Lal Gurjar	106/12	4.2909	48220	1.0
<b>Total</b>				<b>20.0965</b>	<b>926826.79</b>	<b>8.5</b>	
4.	Project Cost	<b>S. No.</b>	<b>Name of Proponents</b>	<b>ML. No</b>		<b>Cluster Cost in Cr.</b>	
		1.	Shri Jagdish Kumar Bishnoi	80/2018		3.5	
		2.	Shri Kishan Lal	85/2018		1.0	
		3.	Shri Yogeshwar Granite	77/2018		1.0	
		4.	Shri Manohar Lal Kothari	12/2018		0.50	
		5.	M/s Nagnecha Granites	Plot No. 24/17		0.50	
		6.	M/s Maa Bhagwati Granite	60/2013		1.0	
		7.	Shri Devi Lal Gurjar	106/12		1.0	
<b>Total</b>				<b>20.0965</b>		<b>8.5</b>	

5.	Water requirement & Source	<b>M.L. no.</b>	<b>Dust Suppression</b>	<b>Wire Saw cutting &amp; Wet Drilling</b>	<b>Green Belt</b>	<b>Drinking &amp; Domestic Uses</b>	<b>Total water require in KLD</b>	
		<b>Source:- Water accumulated in the old pits or mine pits</b>				<b>Source:- Nearby sources available</b>		
		80/2018	3.0	3.0	2.5	1.3		<b>9.8</b>
		85/2018	1.0	0.5	1.5	2.0		<b>5.0</b>
		77/2018	1.0	1.0	2.0	2.0		<b>6.0</b>
		12/2018	1.0	1.0	1.5	1.5		<b>5.0</b>
		Plot No. 24/17	1.0	1.0	2.0	2.0		<b>6.0</b>
		60/2013	1.0	1.0	1.0	2.0		<b>5.0</b>
		106/12	1.5	1.0	2.0	2.5		<b>7.0</b>
<b>Total</b>	<b>9.5</b>	<b>8.5</b>	<b>12.5</b>	<b>13.3</b>	<b>43.8</b>			
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.	Application no., Date of Documents Submitted	Category : B1 SEAC FILE NO. : 21162 Date of documents Submitted : 10/05/2022 SEAC Meeting No. : 5B.23 <sup>rd</sup> Meeting Agenda Sr. No. : 19 Date of Presentation : 03/08/2022						
8.	Information about Aravalli certificate	Aravalli Certificate has been issued by Mining Engineer, Amet vide letter No. ME/Amet/Map/ML. No. 80/2018/Ref. No. 2018100001585/46 dated 26/04/2022.						
9.	Date of Air, Water, Noise, monitoring	Monitoring was conducted by Noida Testing Laboratories., Approved by NABL, Noida on dated 04/03/2020.						
10.	Information about 500 mts composite map	500 mts composite map has been issued by Assistant Mining Engineer, Amet vide letter No. ME/Amet/DRG.NO.191/Feb/2021 dated 25/02/2021 Area falling within 500 mts 20.0965ha.  Cluster Certificate :- ME/Amet/Map/ML. No. 80/2018/Ref. No. 2018100001585/269 on dated 25/02/2021.						
11.	EMP Activities	Environment Management Plan Expenditures: Capital Cost: Rs. 38.75 lacs Recurring Cost: Rs. 16.95 lacs per annum. Cost will be increment 5% per year.						
		<b>Sr. No</b>	<b>Description</b>	<b>Measures</b>	<b>Capital Cost (Rs. In lakhs)</b>	<b>Recurring Cost(in lakhs/ annum)</b>		

		1	Air Pollution Control	<ul style="list-style-type: none"> <li>Road Preparation &amp; Maintenance, Road Metallization, Netting at lease boundary.</li> <li>Water Sprinkling</li> <li>Planting plant species which can control air pollution along the approach road.</li> </ul>	8.23	4.2														
		2	Water Pollution Control	<ul style="list-style-type: none"> <li>Modular ETP</li> </ul>	5.2	1.5														
		3	Green Belt Development	<ul style="list-style-type: none"> <li>Barrier zone</li> <li>Near lease area</li> </ul>	22.32	8.25														
		4	Occupational health	<ul style="list-style-type: none"> <li>Medical facilities including periodic health checkups and first aid facility for labors.</li> </ul>	0.5	0.5														
		5	Ramps Garland Drain Rainwater harvesting	<ul style="list-style-type: none"> <li>Water harvesting system shall be stalled on rooftop.</li> <li>Garland drain shall be made around the lease area</li> </ul>	0.5	0.5														
		6	Govt. Sr. Sec. School at Devkhera	<ul style="list-style-type: none"> <li>Repair of School Building</li> <li>Furniture (Tables &amp; Chairs) &amp; Computer</li> </ul>	0.5	0.5														
		7	Sub health centre, Dungarkheda	<ul style="list-style-type: none"> <li>Medicine and Medical equipments</li> <li>Sanitary Pad</li> </ul>	0.5	0.5														
		8	Village Development, Dungarkheda	<ul style="list-style-type: none"> <li>Cleanliness</li> <li>Drinking water</li> <li>Public toilets</li> </ul>	0.5	0.5														
		9	Cattle Feed and water arrangement		0.5	0.5														
		<b>Total</b>			<b>38.75</b>	<b>16.95</b>														
12.	Greenbelt & Plantation	<p><i>Expenditure of Green Belt Rs 22,32,000/-</i></p> <p><i>Total green belt will be the 33% of the ML area. 6.632 ha of the area will be planted. During the conceptual plan it is proposed to plant 6632 trees. 7.5 m Statutory barrier &amp; Part of Govt. land at Village Hirakhera in Khasra No 74, Vide Letter No. 12-14 on dated 03/01/2021</i></p> <p><i>Native specie which are more suitable to the local environment are preferred to be planted such as like Neem (Azadiracta indica), Mango (Mangifera Indica), Jungle Jalebi (Pithecellobium dulce), Khejari (Prosopis cineraria), Bahera (Terminalia bellirica), Dhok (Anogeissus Pendula), Peepal (Ficus religiosa) etc</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"><i>Year</i></th> <th style="width: 10%;"><i>No. of Trees</i></th> <th style="width: 15%;"><i>7.5 m Statutory barrier</i></th> <th style="width: 20%;"><i>Part of Govt. land at Village Hirakhera in Khasra No 74, Vide Letter No. 12-14 on dated 03/01/2021</i></th> <th style="width: 10%;"><i>Assumed Survival 80%</i></th> <th style="width: 10%;"><i>Replenishment 20 %</i></th> <th style="width: 10%;"><i>No. of Trees</i></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>					<i>Year</i>	<i>No. of Trees</i>	<i>7.5 m Statutory barrier</i>	<i>Part of Govt. land at Village Hirakhera in Khasra No 74, Vide Letter No. 12-14 on dated 03/01/2021</i>	<i>Assumed Survival 80%</i>	<i>Replenishment 20 %</i>	<i>No. of Trees</i>							
<i>Year</i>	<i>No. of Trees</i>	<i>7.5 m Statutory barrier</i>	<i>Part of Govt. land at Village Hirakhera in Khasra No 74, Vide Letter No. 12-14 on dated 03/01/2021</i>	<i>Assumed Survival 80%</i>	<i>Replenishment 20 %</i>	<i>No. of Trees</i>														

		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees			
1 <sup>st</sup> Year	3316	1.589	1589	1.727	1727	2653	-	2653
2 <sup>nd</sup> Year	3316	1.589	1589	1.727	1727	2653	663	3316
3 <sup>rd</sup> Year	-	-	-	-	-	-	663	663
<b>Total</b>	<b>6632</b>	<b>3.178</b>	<b>3178</b>	<b>3.454</b>	<b>3454</b>	<b>5306</b>	<b>1326</b>	<b>6632</b>

- Statuary Barrier and Hole roads
- Table A

ML No.	Length Available in Statuary Barrier meter	Spacing of plant (Meter)	No. of plant proposed
Statuary Berrier of ML No. 80/2018	1340	4	335
Statuary Berrier of ML No. 85/2018	780	3	260
Statuary Berrier of ML No. 77/2018	1488	3	496
Statuary Berrier of ML No. 12/2018	1226	3	409
Statuary Berrier of Plot No. 24/2017	1396	3	465
Statuary Berrier of ML No. 60/2013	1862	3	621
Statuary Berrier of ML No. 106/2012	1774	3	592
<b>Total</b>			<b>3178</b>

- Proposed Plantation at Remaining Land in the khasra outside the lease area
- Table B

Name	Khasra No.	Area in Khasra (Ha.)	Proposed No. of Plantation
Part of Govt. land at Village Hirakhera in Khasra No 74, Vide Letter No. 12-14 on dated 03/01/2021	74	3.94 Hect	3454

As per total plantation table (A & B) :- 6632 plants

Specie Proposed	Scientific Name	No. of specie
Neem	Azadirachta Indica	1635
Mango	Mangifera Indica	160
Jungle Jalebi	Pithecellobium dulce	1105
Khejari	Prosopis cineraria	1348
Bahera	Terminalia bellirica	1182
Dhok	Anogeissus Pendula	1057

		Peepal	Ficus religiosa	145
		<b>Total</b>		<b>6632</b>
		<p><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></p>		
13.	Budgetary breakup for labour	The information regarding Budgetary breakup for labour has been given in PFR & Power Point Presentation		
		<b>Sl. No.</b>	<b>Scheme</b>	<b>Funds Allocation in Rs. (Fixed)</b>
			<b>Funds Allocation in Rs. (Recurring) Per Year</b>	
		1	Drinking water facility	2,20,000/-
		2	Health Facility (First aid box, Rest shelter, Medicine & Washroom, Insurance)	2,60,000/-
		3	Education for Labor's children	1,60,000/-
		4	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	1,40,000/-
		<b>Total</b>		<b>7,80,000/-</b>
				<b>7,50,000/-</b>
14.	Present Status	LOI & ML Granted		

*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)-B1
2.	Location of the Project	Near village – Hirakhera, Tehsil: Deogarh, District: Rajsamand (Rajasthan)
3.	Project Details M.L No./ Production Capacity	ML. No. : 80/2018 Khasra No. : 255, 256, 274, 342/255 & 343/256 Area : 2.0970HECT. Production (TPA) : 1,68,735 TPA(ROM) Details are given in cover page of Proposal obtaining of Environmental Clearance
4.	Project Cost	Project Cost: Rs 3.5 Cr.-(in Rs.)

		Details are given in cover page of Proposal obtaining of Environmental Clearance				
5.	Water requirement & Source	Total water requirement is about 9.8 KLD= 1.3 KLD (Drinking & Domestic Uses) + 2.5 KLD (Plantation) + 3.0KLD (Dust Suppression) + 3.0 KLD (Wire Saw cutting & Wet Drilling), 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	: B1			
		SEAC FILE NO.	: 21162			
		Date of documents Submitted	: 10/05/2022			
		SEAC Meeting No.	: 5B.23 <sup>rd</sup> Meeting			
		Agenda Sr. No.	: 19			
		Date of Presentation	: 03/08/2022			
8.	Information about Aravalli certificate	Aravalli Certificate has been issued by Mining Engineer, Amet vide letter No. ME/Amet/Map/ML. No. 80/2018/Ref. No. 2018100001585/46 dated 26/04/2022.				
9.	Date of Air, Water, Noise, monitoring	Monitoring was conducted by Noida Testing Laboratories., Approved by NABL, Noida on dated 04/03/2020.				
10.	Information about 500 mts composite map	500 mts composite map has been issued by Assistant Mining Engineer, Amet vide letter No. ME/Amet/DRG.NO.191/Feb/2021 dated 25/02/2021 Area falling within 500 mts 20.0965ha. Cluster Certificate :- ME/Amet/Map/ML. No. 80/2018/Ref. No. 2018100001585/269 on dated 25/02/2021.				
11.	EMP Activities	Environment Management Plan Expenditures: Capital Cost: Rs. 11.65 lacs Recurring Cost: Rs. 9.2 lacs per annum.				
		<b>Sr. No</b>	<b>Description</b>	<b>Measures</b>	<b>Capital Cost (Rs. In lakhs)</b>	<b>Recurring Cost(in lakhs/ annum)</b>
		1	Air Pollution Control	<ul style="list-style-type: none"> <li>Road Preparation &amp; Maintenance, Road Metallization, Netting at lease boundary.</li> <li>Water Sprinkling</li> <li>Planting plant species which can control air pollution along the approach road.</li> </ul>	3.0	2.5
		2	Water Pollution Control	<ul style="list-style-type: none"> <li>Modular ETP</li> </ul>	1.5	1.5

3	Green Belt Development	<ul style="list-style-type: none"> <li>Barrier zone</li> <li>Near lease area</li> </ul>	4.15	2.20
4	Occupational health	<ul style="list-style-type: none"> <li>Medical facilities including periodic health checkups and first aid facility for labors.</li> </ul>	0.5	0.5
5	Ramps Garland Drain Rainwater harvesting	<ul style="list-style-type: none"> <li>Water harvesting system shall be stalled on rooftop.</li> <li>Garland drain shall be made around the lease area</li> </ul>	0.5	0.5
6	Govt. Sr. Sec. School at Devkhera	<ul style="list-style-type: none"> <li>Repair of School Building</li> <li>Furniture (Tables &amp; Chairs) &amp; Computer</li> </ul>	0.5	0.5
7	Sub health centre, Dungarkheda	<ul style="list-style-type: none"> <li>Medicine and Medical equipments</li> <li>Sanitary Pad</li> </ul>	0.5	0.5
8	Village Development, Dungarkheda	<ul style="list-style-type: none"> <li>Cleanliness</li> <li>Drinking water</li> <li>Public toilets</li> </ul>	0.5	0.5
9	Cattle Feed and water arrangement		0.5	0.5
<b>Total</b>			<b>11.65</b>	<b>9.2</b>

12. Greenbelt & Plantation

Expenditure of Green Belt Rs 4,15,000/-

*Total green belt will be the 33% of the ML area. 0.692 ha of the area will be planted. During the conceptual plan it is proposed to plant 692 trees. 7.5 m Statutory barrier & Part of Govt. land at Village Hirakhera in Khasra No 74, Vide Letter No. 12-14 on dated 03/01/2021*

*Native specie which are more suitable to the local environment are preferred to be planted such as like Neem (Azadiracta indica), Mango (Mangifera Indica), Jungle Jalebi (Pithecellobium dulce), Khejari (Prosopis cineraria), Bahera (Terminalia bellirica), Dhok (Anogeissus Pendula), Peepal (Ficus religiosa) etc.*

Year	No. of Trees	7.5 m Statutory barrier		Part of Govt. land at Village Hirakhera in Khasra No 74, Vide Letter No. 12-14 on dated 03/01/2021		Assumed Survival 80%	Replenishment 20 %	No. of Trees
		Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees			
1 <sup>st</sup> Year	346	0.168	168	0.178	178	277	-	277
2 <sup>nd</sup> Year	346	0.168	168	0.178	178	277	69	346
3 <sup>rd</sup> Year							69	69
<b>Total</b>	<b>692</b>	<b>0.336</b>	<b>336</b>	<b>0.356</b>	<b>356</b>	<b>554</b>	<b>138</b>	<b>692</b>

Specie Proposed	Scientific Name	No. of specie
Neem	Azadirachta Indica	250

		<table border="1"> <tr> <td>Mango</td> <td>Mangifera Indica</td> <td>30</td> </tr> <tr> <td>Jungle Jalebi</td> <td>Pithecellobium dulce</td> <td>142</td> </tr> <tr> <td>Khejari</td> <td>Prosopis cineraria</td> <td>80</td> </tr> <tr> <td>Bahera</td> <td>Terminalia bellirica</td> <td>60</td> </tr> <tr> <td>Dhok</td> <td>Anogeissus Pendula</td> <td>90</td> </tr> <tr> <td>Peepal</td> <td>Ficus religiosa</td> <td>40</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>Total</b></td> <td style="text-align: center;"><b>692</b></td> </tr> </table> <p><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></p>	Mango	Mangifera Indica	30	Jungle Jalebi	Pithecellobium dulce	142	Khejari	Prosopis cineraria	80	Bahera	Terminalia bellirica	60	Dhok	Anogeissus Pendula	90	Peepal	Ficus religiosa	40	<b>Total</b>		<b>692</b>			
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13.	Budgetary breakup for labour	<p>The information regarding Budgetary breakup for labour has been given in PFR &amp; Power Point Presentation</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Facility provided for Labour</th> <th>Capital Cost in Rs.</th> <th>Recurring cost in Rs.</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Drinking water facility</td> <td>90,000/-</td> <td>90,000/-</td> </tr> <tr> <td>2.</td> <td>Health Facility (First aid box, Rest shelter, Medicine &amp; Washroom) &amp; Insurance</td> <td>1,20,000/-</td> <td>1,10,000/-</td> </tr> <tr> <td>3.</td> <td>Education for Labour children</td> <td>1,00,000/-</td> <td>90,000/-</td> </tr> <tr> <td>4.</td> <td>Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.</td> <td>40,000/-</td> <td>30,000/-</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>Total</b></td> <td style="text-align: center;"><b>3,50,000/-</b></td> <td style="text-align: center;"><b>3,20,000/-</b></td> </tr> </tbody> </table>	Sr. No.	Facility provided for Labour	Capital Cost in Rs.	Recurring cost in Rs.	1.	Drinking water facility	90,000/-	90,000/-	2.	Health Facility (First aid box, Rest shelter, Medicine & Washroom) & Insurance	1,20,000/-	1,10,000/-	3.	Education for Labour children	1,00,000/-	90,000/-	4.	Safety equipment like Ear plug, Dust mask, hand gloves, Safety Shoes etc.	40,000/-	30,000/-	<b>Total</b>		<b>3,50,000/-</b>	<b>3,20,000/-</b>
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14.	Present Status	LOI Granted																								

The Committee, upon appraisal of the project and having regard to the information contained in Form-1, CAF, final EIA/ EMP reports and other documents, submitted by the PP and presentation made by the PP/ Consultant, resolved to recommend to SEIAA for approval of (1) EIA/EMP (2) Grant of EC for aforementioned project ,with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.

3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

**Add.Agenda no.02. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (21174)/ 2021-22**

**Project Name-** Environmental Clearance for “Masonry Stone Mining Project” Ref. No.-20211000042660, Area-2.8006 ha., Production Capacity of 1,92, 600 TPA (ROM), Khasra No. 1953, Address-Village-Maal Ka Gurha, Tehsil- Khamnore, District- Rajsamand, State-Rajasthan, **(Proposal No.271062)**

**Project Proponent Name :-** Smt. Alol Devi Meena W/o Shri Narayan Singh Meena Address-N/v- Maal Ka Gurha, Tehsil-Nathdwara, District- Rajsamand, Rajasthan, Email-aloldevi2022@gmail.com

**Name of Consultant:-** MANTRAS GREEN RESOURCES LTD Hall No.- 1 NICE Sankul Plot No.- A-9, Opp. Nasik Marchant Co Op Bank Ltd, ITI Signal, MIDCSatpur, Nasik). email:- mantrasjaipur@gmail.com

**The project details so far-**

The Committee considered/examined the project proposal in its meeting 5B.23th held on 02<sup>nd</sup> - 05<sup>th</sup> August, 2022 in the presence of PP and his Consultant.

The SME, Rajsamand vide order dated 25.01.2022 has issued LoI to the PP for mining of Masonry Stone. The mining plan has been approved by the SME, Rajsamand vide letter dated 27.04.2022. ME, Rajsamand in his certificate dated 21.02.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF(WL), Rajsamand in certificate dated 27.04.2022 has stated that the distance of Todgarh Raoli Wildlife Sanctuary and Kumbalgarh Wildlife Sanctuary are 32.00 km and 52.10 Km, respectively. The mine is not in ESZ of Todgarh Raoli and within 10 Km of WLS Kumbhalgarh. Further, DCF(WL), Rajsamand in certificate has stated that there are only two WLS namely Kumbhalgarh Wildlife Sanctuary and Todgarh Raoli Wildlife Sanctuary in Rajsamand district and besides these there is no WLS/National park/Tiger and elephant reserve within 10Km from the applied lease area.

The ME, Rajsamand vide certificate dated 22.07.2022 has stated that as per the MoEF& CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation.

The Committee observed during the presentation that a water body exist near the applied lease area. The Committee, therefore, asked the PP to submit certificate from the Water Resources Department regarding the flood plain as per notification and the distance from water body, inter-alia, certificate regarding the project not falling in the ambit /non compliance of orders of Hon'ble High Court of Rajasthan in the matter of CWP 1536/2003, Abdul Rehman Vs State of Rajasthan & Others.

ADS/ Query letter was issued vide letter dated 02.09.2022 in compliance to which PP, vide letter dated 17.02.2023, had submitted a request seeking additional time for submitting the documents/ information sought vide letter dated 14.12.2022.

The Committee in its 5B.41<sup>st</sup> meeting held on 20, 21, 22 & 23<sup>rd</sup> February, 2023 considered the request and resolved to reconsider the matter after the information/ documents / reply.

**Observations and Resolution of the committee:-**

The PP, in response to the query made by SEAC vide letter dated 02.09.2022 has submitted reply vide letter received on dated 17.02.2023. The SEAC in its **5B.45<sup>th</sup>** meeting held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** considered the reply.

The PP, in compliance of the query has submitted following documents-

1. The WRD certificate issued by EE, WRD,Rajsamand dated 04.11.2022 which states that the distance of Mandak Nallah is at 900 meter from the applied mine lease area&the said lease is at distance of 2.85Km from HFL of Banas River.Also, this states that the applied lease is not a part of any water resource since last 25 years.The mine area will not infringe the directions of Hon'ble High Court in the matter of Abdul Rehman V/s State of Rajasthan and Others in D.B. Civil Writ Petition no-1536/2003.
2. The revised cluster certificate issued by ME, Rajsamand vide certificate dated 24.02.2023 has stated that as per the MoEF & CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 2.8006 Hectare.

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

1.	Category / Item no.(in Schedule):	“B2” Category
2.	Location of Project	located Near Village- Maal Ka Gurha, Tehsil – Khamnore, District - Rajsamand (Raj.)
3.	Project Details  M.L. No. /Production capacity	Ref. No. 20211000042660  production capacity of 1,92,600TPA (ROM)  Khasra No- 1953
4.	Project Cost:	Rs. 80 Lakhs
5.	Water Requirement & Source	<b>Total Water Required- 5.0 KLD</b>  Drinking & Domestic Use- 2.0 KLD  Plantation- 1.5 KLD  Dust Suppression Use ~ 1.5KLD

6.	Fuel & Energy:-	Fuel will be required for mining machineries and No electricity will be required because mining activities will operate in day shift only															
7.	Application No. & Date & documents submitted :-	Proposal No. SIA/RJ/MIN/ 271062/2022															
8.	Information about Aravalli Certificate.	ME/Raj-II/ Map/ 20211000042660/33 dated 21.02.2022															
9.	Date of Air/Water/Noise Monitoring	Monitoring was conducted by Noida Testing Laboratories., Approved by NABL, Noida															
10.	Information about 500 mts composite map	<b>ME/Raj-2/DRG-154</b> dated 22.07.2022 Area falling within 500 m is 2.8006 ha															
11.	Environment Management Plan (EMP)	Annual expenditure of in Rs.- 9,04,000 per year <table border="1"> <thead> <tr> <th>S. No.</th> <th>Description of Item</th> <th>Cost Per Year (in Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Air Pollution Control –Water Sprinkling</td> <td><b>1,20,000</b></td> </tr> <tr> <td>3</td> <td>Environmental Monitoring and Management Occupational Health and Safety</td> <td><b>1,40,000</b></td> </tr> <tr> <td>4</td> <td>Green Belt Development</td> <td><b>6,44,000</b></td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>9,04,000</b></td> </tr> </tbody> </table>	S. No.	Description of Item	Cost Per Year (in Rs.)	1	Air Pollution Control –Water Sprinkling	<b>1,20,000</b>	3	Environmental Monitoring and Management Occupational Health and Safety	<b>1,40,000</b>	4	Green Belt Development	<b>6,44,000</b>	<b>Total</b>		<b>9,04,000</b>
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4	Green Belt Development	<b>6,44,000</b>															
<b>Total</b>		<b>9,04,000</b>															
12.	Corporate Environment Responsibility (CER)	Annual expenditure of in Rs.- 1,60,000 per year															
13.	Green Belt/ Plantation	Annual expenditure of in Rs.-6,44,000per year <table border="1"> <thead> <tr> <th>Year</th> <th>Inside lease area on safety barriers /Un-worked Area</th> <th>Outside mine lease area in own khasra no. 1953 Total area in khasra 3.4774ha(total Required area for plantation outside the lease</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Year	Inside lease area on safety barriers /Un-worked Area	Outside mine lease area in own khasra no. 1953 Total area in khasra 3.4774ha(total Required area for plantation outside the lease	Total											
Year	Inside lease area on safety barriers /Un-worked Area	Outside mine lease area in own khasra no. 1953 Total area in khasra 3.4774ha(total Required area for plantation outside the lease	Total														

				area 0.4434Ha)(Plants -443)			
		Area (Ha.)	No. Of Trees	Area (Ha.)	No. Of Trees	Area (Ha.)	No. Of Trees
<b>Existing</b>		-	-	-	-	-	-
<b>I</b>		0.2383	238	0.2217	221	0.46	460
<b>II</b>		0.2383	239	0.2217	222	0.46	460
<b>III</b>		-	-	-	-	-	-
<b>IV</b>		-	-	-	-	-	-
<b>V</b>		-	-	-	-	-	-
<b>VI years onwards</b>		-	-	-	-	-	-
<b>Total</b>		<b>0.4766</b>	<b>477</b>	<b>0.4434</b>	<b>443</b>	<b>0.92</b>	<b>920</b>
<p><b>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.</b></p> <ul style="list-style-type: none"> <li>➤ Green Belt /Plantation will be done in 1.92 ha. Area i.e. (920 trees) out of which 0.4766Ha. (477 Plants) will be planted on safety Barrier. Rest Plantation will be done Outside mine lease area in own khasra no.1953 Total area in khasra - 3.4774 ha (total Required area for plantation outside the lease area 0.4434Ha)(Plants-443)</li> <li>➤ <b>Plant Species-</b> Neem (Azadirachta indica), Shisham (Dalbergia sissoo), Kumtha (Acacia senegal), Karanj (Pongamia pinnata), Imli (Tamarindus indica),</li> </ul> <p><b>Source-Approved Mining Plan with Progressive Mine closure plan</b></p>							
14. s	Budgetary Breakup	Annual expenditure of in 55,000 per year					

	for Labour	<b>S. No.</b>	<b>Facilities Provided For Labourers</b>	<b>Cost (in Rs.)</b>
		1.	Shelter, Supply of PPE equipment's (Earplugs, Masks, Safety shoes)	25,000
		2.	Supply of fuel for cooking	15,000
		3.	Drinking Water & Sanitation Facility- Mobile Toilets	15,000
		<b>Total</b>		
15.	Present Status :	<ul style="list-style-type: none"> <li>➤ This is a mining lease of <b>Masonry Stone Mining Project</b>, located near Village- Maal Ka Gurha , Tehsil- Khamnore, District- Rajsamand(Rajasthan) over an area of 2.8006 hectares</li> <li>➤ The LOI was issued in favor of <b>Smt. Alol Devi Meena W/o Shri Narayan Singh Meena</b> vide order no ADM/Raj-Circle/CC-Raj-II/Minor/LOI-Masonry-Stone/Ref.-No.20211000042660/75 dated-25.01.2022.</li> <li>➤ Mining Lease was granted in the name of <b>Smt. Alol Devi Meena W/o Shri Narayan Singh Meena</b> by the state Govt. Rajasthan. The mining plan &amp; Progressive Mine Closure Plan was approved under Rule 29 of R.M.M.C.R 2017) vide letter no SME/Raj-CIR/M.P. With P.M.C.P./Raj-II/F-18/2022/697 dated-27.04.2022.</li> <li>➤ As per EIA Notification dated 14.09.2006, as amended from time to time this mining project comes under '<b>B2</b>' Category.</li> </ul>		

The Committee, upon appraisal of the project and having regard to the information contained in Form-1, CAF, and other documents, submitted by the PP and presentation made by the PP/ Consultant, resolved to recommend to SEIAA for grant of EC for aforementioned project ,with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.

2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.

The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

**Add.Agenda no.03.File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B1(21866)/ 2022-23**

**Project Name-**

Approval of EIA/EMP & EC for expansion of Silica Sand & Masonry Stone Mining Project, ML No.-01/76, Mine Lease Area-26.6767 Hectare, Production Capacity- 1048950 TPA(ROM){ Silica Sand-670050 TPA, Masonry Stone-368320 TPA & Waste-19580 Tonnes}, Khasra No.199,200,260,261,205 Village- Gothra, Tehsil- Weir, District- Bharatpur, Rajasthan (**Proposal No-73924**)

**Name of Proponent-**

M/s Vimlesh Silica Sand Mines, Address- 30/28/04,Varun Path,Near by Jain Temple, Mansarovar ,Jaipur  
Email- [vimleshgothara@gmail.com](mailto:vimleshgothara@gmail.com)

**Name of Consultant-**

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

**The project details so far-**

The Committee Considered/examined the project proposal in its meeting **5B.33<sup>rd</sup>** held on **28<sup>th</sup>, 29<sup>th</sup>, 30<sup>th</sup> November and 1<sup>st</sup> December, 2022** in the presence of PP and his Consultant.

The project was also considered earlier in terms of OM dated 12.12.2018 of the MoEF& CC by SEAC in its 4.42 meeting held on 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> & 10<sup>th</sup>, July 2020 prescribing ToR for undertaking EIA studies and for preparing EMP as the size of the project area exceeded 5.00 Hectare. The SEAC vide letter dated 30.07.2020 asked the PP to conduct EIA studies and prepare EMP for the entire Project area in order to capture all the possible externalities.

One season post monsoon primary base line data of the ambient air quality PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub>, Water Quality, Noise level, Soil quality and Flora and Fauna were collected during December, 2020 to February, 2021.

The PP following the above decision got public notice published in edition of DainikBhaskar and Jaipur Mahanagar times on dated 07.12.2021 for holding public hearing for the entire cluster for ascertaining material concerns for local affected persons and it such concerns into account in the EIA/EMP report.

Public hearing was accordingly held on 12.01.2022 at 2.30 PM at Govt. Upper primary School Raipur Tehsil- Weir, District- Bharatpur, Rajasthan for aforementioned project, under the Chairmanship of Shri RagunathKhatik Add. District Collector, Bharatpur , Shri DeependraJharwal, RO, RSPCB, Bharatpur was also present during public hearing.

Final minutes of 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023

This is an existing project. It is stated that mining lease was initially granted in the name of Smt. VimleshKumariW/o Sh. Ramesh Chand, for mineral Silica sand over an area of 43.19 ha. near Village Gothara, Teshil Weir, District Bharatpur (Raj.) vide order dated 01.09.1977 for a period of 20 years from the date of registration. The lease was registered on 15.04.1978, the lease is valid for 20 years. Later on lessee applied for first renewal under Rule 24 (a) (1) MMD Rules, 1950 on 09.04.1997. The lessee, thereafter, submitted application dated 17.06.2010 for surrender of lease area of 16.5133 ha. out of 43.19 ha. The remaining area of the lease is therefore 26.6767 ha. As per State Government no. 2514 dated 27.02.2015 lease period was extended for 50 years i.e. from 15.04.1978 to 14.04.2028. Further, the lease was transferred in favour of M/s Vimlesh Silica sand Mines by order dated 03.10.2018 of ADM, Kota.

The SME, Udaipur vide letter dated 10.05.2019 issued LoI to the PP for inclusion of mineral Masonry Stone which was validity for 18 months. Further the validity of LoI was extended by SME, Udaipur vide letter dated 29.12.2021 & 26.08.2022 valid till 25.02.2023. The Mining Plan has been approved by the SME, Bharatpur vide letter dated 21.06.2019. AME, Roopwas vide certificate on dated 19.07.2022 has stated that the mining lease does not fall in Aravalli Hills. The size of the cluster as per certificate 02.07.2019 of AME, Roopwas is 26.6767 Hectare

The MoEF& CC vide order dated 17.01.2008 had granted EC to Smt. VimleshKumari W/o Sh. Ramesh Chand, Dhakad house, Vijay Colony, Bajariya, Station Road, Bayana, District Bharatpur, Rajasthan for expansion of Gothra Silica sand mining project for production of 30,000 TPA of Silica sand under the provisions of Section 12 of the EIA Notification 2006. Later the SEIAA has transferred the earlier EC in favor of M/s Vimlesh Silica Sand Mines vide letter dated 24.06.2022.

The PP has submitted compliance report, vide letter dated 14.02.2022 of the RO (RSPCB), Bharatpur certifying compliance of conditions of the earlier EC issued vide letter dated 17.01.2008.

The project being one of major mineral having lease area of 43.19 ha, came under the purview of the EIA Notification dated 27.01.1994 of the MoEF& CC. According to the certificate dated 20.09.2004 of ME, Bharatpur the production of mineral in the 1993-1994 (base year) was 5 MT. thereafter, in year 1994-95, 1995-96, 1996-97, 1997-1998, 1998-99 and 1999 to 1999 was production 5, 8, 25, Nil, 46, 46, 117 MT respectively. According to certificate dated 07.07.2020 & 19.07.2022 issued by AME, Rupwas, Bharatpur production of mineral since 2001-2002 to 17.01.2008 was nil. Mining of mineral during the years 1994-95 to 15.04.1999 was therefore in violation of the provisions of the EIA notification in terms of Common Cause judgement of the Hon'ble Supreme Court. Besides this the EC granted by the MOEF & CC vide order dated 17.01.2008 was valid only for a period of 5 years i.e. upto 16.01.2013. The PP was required to obtain extension of EC or revalidation of EC after 16.01.2013. The MoEF& CC vide notification dated 06.04.2018 provided that the PP in all such cases involving validity of EC and expansion of mining project vis-à-vis base year's production shall make application within six months from the date of issue of the Notification in Form-1 of the EIA Notification 2006. The PP, however, failed to submit the application

within the period specified in the above Notification dated 05.10.2018. The production of mineral during 2013-14 to 2018-19 as mentioned in the certificate dated 07.07.2020 & 19.07.2022 of AME, Rupwas, Bharatpur was without the authority of law and in violation of the Notification dated 27.01.1994 and 14.09.2006 of the MoEF& CC. The project therefore, is one of violation of EIA notification. The PP has also submitted affidavit to the effect that activity has been carried out in violation of the EIA notification and Common Cause judgement pronounced by the Hon'ble Supreme Court of India.

DCF, Bharatpur has issued certificate vide letter dated 04.08.2022 has stated that there is no National Park/Wildlife Sanctuary in 10 km periphery of applied lease area in Bharatpur District and the distance of kevladev NP & Band Barath WLS is at distance 37 km & 18 km respectively and the lease area is outside ESZ of kevladevi NP & Band BarathWLS.

The PP in the report regarding damage assessment and Remediation Plan stated that the total budget for Remediation Plan, Natural Resource Augmentation Plan, Community Resource Augmentation Plan and plan for up-gradation of environment against Economic benefit derived due to violation of the EIA notification is **Rs8.7 Lakh**.

The SEAC also noted the provisions of para 13(3) of the EIA Notification dated 14.03.2017 and 08.03.2018 of the MoEF& CC which provide that in cases of violation, action will be taken against the PP by respective State or State Pollution Control Board under the provisions of section 19 of the Environment (Protection), Act, 1986 and further no consent to operate or occupancy certificate will be issued till the project is granted EC.

The Committee observed that the PP has not incorporated existing & Proposed beneficiation plant while preparing EIA/EMP report. Therefore the Committee asked the PP to submit revised EIA/EMP report.

The Committee observed that the certified compliance report (CCR) is incomplete in respect of specific condition no: 15,16,21,23. In view of above the committee asked to PP to submit a clarification regarding noncompliance of these points from competent authority.

The Committee observed during the presentation that habitation exist within 1.0 Km periphery(in close proximity to the mining lease) of mine &blasting and drilling is proposed for mining activities, therefore, the committee asked the PP to conduct scientific study from CIMFR or any other recognized institution of repute which is approved for carrying out such types of study. The study should clearly demonstrate whether there are any adverse impacts on nearby buildings/edit bodies/dams / etc along with mitigating measures (if applicable).The PP should carry out impact assessment due to air pollution by consideration all the mining and allied activities, and indicate the factors and their capacity considered for prediction of air quality monitoring.

The control case and worst case scenario needs to be demonstrated with controlling factors and worst case scenario clearly besides it GLC values for all the pollutants needs to be clearly mentioned. The input parameters used for the modelling also needs to be calculated and submitted. Further the PP is also required to submit DCF certification. Therefore, the committee asked PP to submit the same.

The query was raised by SEAC vide letter dated 07.12.2022. The SEAC in its 5B.43<sup>rd</sup> meeting held on 14<sup>th</sup>, 15<sup>th</sup> & 16<sup>th</sup> March, 2023 have received a defer request dated 14.03.2023 due to lack of documents. The Committee agreed to the request of the PP and deferred the matter. The project shall be taken up again on receipt of his request for consideration of the project by the PP, in the subsequent proposed meeting.

**Observations and Resolution of the committee:-**

The PP, in response to the query made by SEAC vide letter dated 07.12.2022 has submitted reply vide letter received on dated 19.02.2023(Online) & 04.04.2023(Hard copy). The SEAC in its 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023 considered the reply.

The PP, in compliance of the query has submitted following documents-

1. Noise & vibration study report conducted by Shri S.C.Sharma (NABET Accredited & FAE)
2. The certified compliance report (CCR) in respect of specific condition no: 15,16,21,23 have been issued by AME, Roopawas(Bharatpur) vide order dated 02.02.2023 has stated about clarification regarding noncompliance
3. DCF, Bharatpur has issued certificate vide letter dated 04.08.2022 has stated that there is no National Park/Wildlife Sanctuary in 10 km periphery of applied lease area in Bharatpur District and the distance of kevladev NP & Band Barath WLS is at distance 37 km & 18 km respectively and the distance of ESZ of kevladevi NP & Band Barath WLS is 35.50Km & 17km respectively from the applied lease.
4. Details of beneficiation plant already mentioned in EIA/EMP Report
5. The PP has submitted impact assessment report due to Air Pollution. Air Quality Modeling has been carried out.
6. The LoI validity have been extended for 6months vide order dated 31.03.2023 by SME, Udaipur valid upto 25.07.2023

Sl.No.	Particulars	Area (Hectare)
1	Area for which ToR issued	26.6767
2	Area for which EIA/EMP study conducted	26.6767
3	Area of Approved Mining Plan	26.6767
4	Area for which Public Hearing conducted	26.6767

*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

				<b>allocation.</b>
1.	Shree Lakshman Singh S/o Shree Hethram  Purv Sarpanch, Residence- Raipur, Tehsil-Weir, Dist- Bharatpur	He said that the till date no facility has been found in our school which is shown in this presentation.	As per this regard the environmental advisor said that After obtain the Environmental Clearance the facility will be provided at Nearby areas under the CSR Activity.	About 3.55 lacs per years spend in CSR.
2.	Shree Uday Singh Pohiya  Representative Village –Raipur	He said that the Only water Sprinkling has been done for mitigate the dust generation by the M/S Vimlesh Silica Sand Mines. We have No any Objection from the starting the mining unit.	--	7.50 lacs per years.
3.	Shree Vijay Bhan S/o Shree Daroga  Village –Raipur, Tehsil- Seir, Dist- Bharatpur	It has been said to provide employment to 150 people in the project. So make sure that these employment opportunities will be given to the local people.	As per this regard the environmental advisor and Project Proponent said that the first priority of employment will be given to local peoples.	15.00 Lac per year
4.	Sub-Divisional Officer,  Weir, Bharatpur	In the Mining Project the inclusion of the Masonry Stone with the Silica Sand mineral. Which the public hearing has been conducted for given Environmental Clearance.	--	--
5.	Regional Officer, RSPCB, Bharatpur	He Said that When is the mining unit operational.	As per this regard the environmental advisor said that Mining unit is operational since 1978	--

*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 /Q L/R EF. NO .	Date of Sanction	Name of Minerals	Area	Kh asra 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.	Applied L.O.I Holder M/S Vimlesh Silia Sand Mines	01/1976	10/05/2010	Silica Sand & Masonry Stone	26.67	199,20,60,261,205	10,48,950	0.70	SME/B P/M.PL AN/2019/2110 on dated 21.06.2019	ToR Letter vide letter no F1(4)/SEI AA/SEA C-Raj/ Sectt /Project/Cat.B2 (16627)/2019-20/12697 on dated 30.07.2020	Capital Cost – 62.30 Lakh Recurring cost- 5.97 Lac / annum	Capital Cost – 3.55 Lakh Recurring cost- 1.05 Lac / annum

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

1.	Category /Item No.(In Schedule):	1(a) B1
2	Location of Project	Near village- Gothara, Tehsil- Weir, Dist- Bharatpur, Rajasthan

3	Project Details ML. No. / Production Capacity		Applied Area Production Capacity 10,48,950 TPA (ROM) M.L No. 01/1976Khasra No- 199,200,260,261 & 205 Applied Area- 26.6767 Hectare in Favor of M/S Vimlesh Silica Sand Mines								
4	Project Cost:		0.70 Cr								
5	Water Requirement & Source:		5.00 KLD								
6	Fuel & Energy:-		0.50 KLD (HSD)								
7	Application No. & Date & Document Submitted:-		SIA/RJ/MIN/73924/2021 Submission Date 23.03.2022								
8	Information About Aravalli Certificate.		Aravalli letter was issued by AME Roopwas, vide letter no. AME/Roop/Risha/Ara/2022/1694 on dated 19.07.2022								
9	Date of Air/Water/Noise/Monitoring		01/12/2020 to 28/02/2021								
10	Information About 500 mts Composite Map		--								
11	Environment Management Plan		EMP Cost :- Capital Cost is 62.30 /- Lac Recurring cost is 5.97/- 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)	9,50,000				3,10,000				
	2	Pollution Monitoring (Air, Water, Soil, Noise)	--				63,000				
	3	Greenbelt	52,80,000				2,24,000				
	4	Faincing & Maintenance	--				--				
		Total	62,30,000 Lac/-				5,97,000 Lac/-				
12	Green Belt/ Plantation		Capital Cost-52,80,000/- Rs. Recurring Cost- 2,24,000 Lac per year								
13	Year	Along the lease boundary		Un worked 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
	Existing Plants	1.50	1500	0.50	500	--	--	--	--	2.00	2000
	2022-2023	3.50	3500	0.65	650	--	--	--	--	4.40	4400
	2023-2024	3.50	3500	0.65	650	--	--	--	--	4.40	4400
	2024-2025	Replacement of Plantation									
	2025-2026	Under Maintenance									
	2026-2027	Under Maintenance									

	Total	7.0	7000	1.80	1800	--	--	--	--	8.800	8800	
	<p>About 8800 plants will be planted by M/S Vimlesh Silica Sand mines after getting final Environmental Clearance. Out of Which approx 7000 plants will be planted at Safety barrier zone along the lease boundary and about 1800 plants will be planted at Un worked area at both side of approach road for mitigate the CO2 due to running of Vehicles on this road. All the responsibility of plantation programme will be done and undertake or under guidance by Project Proponent of M/S Vimlesh Silica Sand Mines.</p> <p>Total 8800 plants will be planted along the lease boundary and Un worked area (total area 8.800 Hect.). 7000 plants will be planted along the lease boundary in an area of 7.0 Hect. (in 7.5 m width &amp; Safety Barrier Zone) &amp; 1800 plants will be planted outside lease area, in an area of 1.80 hect., at khasra no.199,200,260,261,2051 at N/V Gothra, Tehsil-Weir, Distt. – Bharatpur. All plants we will be planted within first two years. Species of plants for planting will be Neem, Ber etc. And in remaining IIIrd to Vth years, replacement &amp; maintenance will be done by project proponent.</p> <p>As per MOEF&amp;CC Office Memorandum F. No. 22-34/2018-IA-III dated 16 January, 2020, "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 their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc"</p>											
14	Budgetary Breakup For Labor							Labor Welfare Capital Cost is 3.55/- Lac, and Recurring Cost is 1.05/- Lac.				
	S. No.	Facility Provided for Laborers	Capital Cost Rs/-	Recurring Cost Rs/-Year								
	1.	Drinking water provided by Tanker	70,000	30,000								
	2.	Heath facility for mine workers for OHS	--	25,000								
	3.	Rest Shelter & other facilities	50,000	--								
	4.	Fuel for cooking	--	10,000								
	5.	Safety Shoes, hand gloves, Dust mask, Ear plugs, Helmet	2,25,00	20,000								
	6.	First Aid Box	10,000	20,000								
		Total	3,55,000 Lac /-	1,05,000 Lac /-								

The committee observed that the PP has submitted a letter dated 10.04.2023 that no mineral banification will be done ,therefore the Committee resolved that the project shall be considered for mining of Silica sand and Masonry Stone not be valid for any beneficiation plant or for processing of mineral(Silica Sand)or for installation of Stone Crusher

The Committee, upon appraisal of the project and having regard to the information contained in Form-1, CAF, final EIA/ EMP reports and other documents, submitted by the PP and presentation made by the PP/ Consultant, resolved to recommend to SEIAA for approval of (1) EIA/EMP (2) Grant of EC for mining operations only i.e for mining of Silica sand and Masonry Stone not be valid for any beneficiation plant or for processing of mineral(Silica Sand)or for installation of Stone Crusher,with the stipulation that the PP shall abide by the annual production scheduled 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 a condition regarding submission of Bank Guarantee of Rs 10, 24,000/- (Refundable) for Remediation Plan and Natural & Community Resource Augmentation Plan & deposition of penalty amount of Rs. 92329/- (Non Refundable) to RSPCB before issue of EC.**

**The SEAC further resolved to recommend to SEIAA to endorse a copy of EC to the RSPCB for taking action against the PP, in accordance with the provisions of section 19 of the Environment (Protection), Act, 1986.**

Besides the general conditions mentioned in Annexure "A" the Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.
4. This EC shall be valid for mining operations only i.e for mining of Silica sand and Masonry Stone.
5. The EC shall not be valid for any beneficiation plant or for processing of mineral(Silica Sand)or for installation of Stone Crusher.
6. That the PP shall obtain separate EC for mineral beneficiation or processing plant.

**Specific Conditions in terms of Notifications dated 14.03.2017 and 08.03.2018 of MoEF& CC:**

The PP shall allocate and spend an amount of Rs. 10, 24,000/-/- towards remediation plan, environmental up gradation plan and natural & community resource augmentation plan within a span of three years, as per the details given below:

**DETAILS REMEDIATION PLAN WITH RESPECT TO VARIOUS ENVIRONMENTAL ATTRIBUTES**

S.NO	Parameters	Issue/ Activity/ Source Of Pollution	Damage Assessment	REMEDICATION PLAN	BUDGET (RS. IN LAKHS) per annum	ACTION TIME

S.NO	Parameters	Issue/ Activity/ Source Of Pollution	Damage Assessment	REMEDIATION PLAN	BUDGET (RS. IN LAKHS) per annum	ACTION TIME
1.	Land Environment	Excavation for extraction of mineral	<p>Top soil loss: Top soil needs to be stored at earmarked places and re-used for plantation/ other purposes.</p> <p>Change in the topography of the area due to mining</p> <p>Removal of Soil Dumps of waste and overburden</p>	<ul style="list-style-type: none"> <li>▪ The excavated soil will be used for plantation purpose within the mine site.</li> <li>▪ Restore the land by backfilling the excavated pits to the maximum extent to make it in a good condition which is fit for growth of fodder, flora &amp; fauna.</li> </ul>	0.50	In First two years of mining scheme period and regular maintenance.
2.	Water Environment	Usage of domestic water	Non- optimal usage of Water.	Construction of Water reservoir tank. Adequate water conservation measures will be adopted.	0.50	In First two years of mining scheme period
3.	Air Environment	Fugitive emissions during transportation	Deterioration of air quality	Compact haul roads	2.0	In First year of mining scheme period.

S.NO	Parameters	Issue/ Activity/ Source Of Pollution	Damage Assessment	REMEDIATION PLAN	BUDGET (RS. IN LAKHS) per annum	ACTION TIME
4.	Ecological Environment	Inadequate plantation and greenbelt development	Loss of greenery in the area, damage to the growth of the vegetation in the area.	Greenbelt and plantation development will be carried.	2.24	In First year of mining scheme period.
5	Noise Environment	Noise generated due to Blasting	Prolonged exposure to high noise pollution may damage the hearing ability of the human being living in vicinity.	Free health check-up camps in village Gothra will be organized immediately in 1st year of mining plan period.	0.50	In First two years of mining scheme period.
<b>Total fund allocated for remediation plan</b>					5.74	

#### NATURAL RESOURCE AUGMENTATION PLAN (NRAP)

S.No.	Proposed Activity under NRAP	Description	Location	Unit rate	Total quantity	Total cost (INR)	Year-Wise Implementation Budget (INR)	
							1 <sup>st</sup> year	2 <sup>nd</sup> year
1.	Avenue plantation	Road side plantation route of the transport)	Approach Road route of the transport	200 per tree	1800	3,60,000	1,80,000	1,80,000

2.	Rain water harvesting	Construction of rainwater harvesting structure in village Gothra	village Gothra	0.30 lacs	1	40,000	40,000	-
Total Amount Allocated for Natural Resource Augmentation Plan (NRAP)						4,00,000/-	2,20,000/-	1,80,000

### COMMUNITY RESOURCE AUGMENTATION PLAN

S.No.	Proposed Activity under CRAP	Description	Location	Unit rate	Total quantity	Total cost (INR)	Year-Wise Implementation Budget (INR)	
							1 <sup>st</sup> year	2 <sup>nd</sup> year
1.	Drinking water	RO plants within Govt Sr Sec. School	Govt Sr Sec School, village Weir in buffer zone	15,000/-	2	30,000/-	30,000 Installation in 1 <sup>st</sup> year	-
2.	Rain water harvesting	Construction of rainwater harvesting structure in village Gothra	village Gothra	20,000/-	1	20,000/-	20,000 Installation in 1 <sup>st</sup> year	-
Total amount allocated for Community Resource Augmentation Plan (RAP)						50,000/-	50000/-	-

### SUMMARY OF COST OF REMEDIATION PLAN, NRAP and CRAP

S.No.	Activities	Total (in INR)
1.	Remediation Plan	5,74,000/-
2	Natural resource augmentation Plan	4,00,000/-
3.	Community Resource Augmentation Plan	50,000/-
	Total amount allocated for Remediation Plan, Natural resource augmentation Plan and Community Resource Augmentation Plan	10,24,000/-

Total cost of Remediation plan, Natural Resource Augmentation Plan and Community Resource Augmentation Plan for this project has been assessed as Rs 10, 24,000/-which is about 8.99 % of total capital cost of the project.

The PP assures to submit a bank guarantee equivalent to the amount of Remediation Plan and Natural & Community Resource Augmentation Plan with Rajasthan State Pollution Control Board.

As per MoEF&CC, New Delhi OM dated 07.07.2021 the bank guarantee will be deposited prior to the grant of environmental clearance and which will be as per provisions be released after successful implementation of the Remediation plan and Natural & Community Resource Augmentation Plan.

**DETAILS OF BENEFIT ACCRUED DURING THE VIOLATION PERIOD:**

Details of benefit accrued during the violation period are as given below.

Production of mineral from is 1993-1999 and the production achieved in the production of mineral in 1993-94,1994-95, 1995-96, 19996-97, 1997-1998, 1998-99 and 15.04.1999 to 11.10.1999 was 5, 8, 25, Nil, 46, 46, 117 Tonnes respectively without obtaining EC from the regulatory authority.

**DETAILS OF PAST PRODUCTION AND TURN OVER FOR THE VIOLATION YEARS**

S.No	Year	Production in Tonnes	Excess production in Tonnes
1.	78-79	126.600	67.208
2.	79-80	763.116	635.840
3.	80-81	1572.374	1701.560
4.	81-82	1471.460	1485.174
5.	82-83	2072.414	1956.164
6.	83-84	1257.640	1351.473
7.	84-85	853.840	800.435
8.	85-86	157.565	263.635
9.	86-87	552.580	724.655
10.	87-88	980.00	980.00
11.	88-89	565.44	565.44
12.	89-90	338.200	338.200
13.	90-91	115.00	Nil
14.	91-92	37.500	Nil

15.	92-93	92.00	Nil
16.	93-94	5.00	Nil
17.	94-95	8.00	Nil
18.	95-96	25.00	Nil
19.	96-97	--	--
20.	97-98	46.00	48.00
21.	98-99	46.00	241.00
22.	99-99	117.00	160.00
23.	2001-2002	Nil	Nil
24.	2002-2003	Nil	Nil
25.	2003-2004	Nil	Nil
26.	2004-2005	Nil	Nil
27.	2005-2006	Nil	Nil
28.	2006-2007	Nil	Nil
29.	2007-2008	Nil	Nil
30.	2008-2009( <b>EC taken in this financial year</b> )	30000	Nil
31.	2009-2010	Nil	Nil
32.	2010-2011	Nil	Nil
33.	2011-2012	Nil	Nil
34.	2013-2014	8732	8732
35.	2014-2015	25713	25713
36.	2015-2016	24510	24510
37.	2016-2017	9196	9196
38.	2017-2018	27760.10	27760.10
39.	2018-2019	28862.35	28862.35

40.	2019-20	29633	29633
41.	2020-21	24549	24549
42.	2021-22	29527	29527

**Penalty as per MoEF&CC OM dated 07.07.2021**

1. Ministry of Environment, Forest & Climate vide its OM Dated 07.07.2021 laid down SOP for calculation of penalty for violation cases.
2. As per the Point No. 12 of the SOP penalty related to the violation cases which reads as:
3. *“Where operation production with expanded capacity has commenced 1% of the project cost (attributable to the expansion activity) incurred up to the date of filing of application along with EIA/EMP report PLUS 0.25% of the total turnover (attributable to the expanded activity/capacity) involved during the period of violation.”*
4. Project cost for Gothra Silica Sand & Masonry Stone Mine at present is estimated to be Rs. 92,02,000Lac. Therefore the penalty amount is calculated to be:
5. **1% Penalty cost of project cost 92,02,000 Lac = Rs. 92020/-**
6. Total turnover during the violation years (1993 to 1999) =**Rs.1,23,500-**
7. Penalty cost 0.25% of Turnover = **Rs 309/-**

The Penalty as Per Provision for Violation MoEF&CC OM Dated 07.07.2021 is as follows:

S. No.	Particulars	Amount (inRs.)
1.	Total Monetary Profit incurred during violation <i>(@ 0.25 % of turnover on actual basis for production of mineral)</i>	<b>309/-</b>
2.	Penalty provision for violation as per MoEF&CC OM dated 07.07.2021 <b>(1% of project cost)</b>	<b>92020/-</b>
<b>Total</b>		<b>92329/-</b>

**Conclusion -:** Therefore total penalty amount to be deposited by the project proponent will be Rs. 92329/- (Non Refundable).

**Add.Agenda no.04. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (21952)/ 2021-22**

**Project Name-**

Environmental Clearance for Quartz and Feldspar Mining Project, Ref. No.- 20221000055880, Area –1.0683 Hectare, Proposed Production Capacity – 72,205 TPA (ROM) {Saleable- 50,542 TPA, Waste– 14,443 TPA and Sub Grade- 7,220 TPA}, Khasra No.- 6301/2318,6302/2018, Address- Village- BadiBallokiBhagal, Tehsil– Khamnor, District– Rajsamand (Rajasthan) (Proposal no. **289308**)

**Project Proponent Name-**

M/s Karni Minerals, Shri Narayan Rao,R/o-Ward no- 4, Thakur Bhabhut Singh Road, Aidana, Tehsil- Amet, District- Rajsamand

Email- [karnimineralsecb2@gmail.com](mailto:karnimineralsecb2@gmail.com)

Partners:

3. Shri Dileep Singh Chundawat S/o Shri Purushottam Singh Chundawat
4. Shri Narayan Singh Rao S/o Shri Sultan Singh Rao

**Name of Consultant-**

M/s Atmos Sustainable Solutions Pvt. Ltd,R/o - A-73, 3rd Floor, Sector 65, Noida, UP

Email- [vibranttechnolab@gmail.com](mailto:vibranttechnolab@gmail.com)

**The project details so far-**

The Committee Considered/examined the project proposal in its meeting **5B.34<sup>th</sup>** held on **6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup> December, 2022** in the presence of PP and his Consultant.

The ADM, Udaipur vide letter dated 27.05.2022 has issued LoI to the PP for Mining of Quartz and Feldspar Mineral having validity till 18 months. The mining plan has been approved by the SME, Rajsamand vide letter dated 30.06.2022. ME, Rajsamand vide certificate dated 18.08.2022 has stated that the mining lease does not fall in Aravali hills.

The DCF(WL), Rajsamand vide certificate dated 16.09.2022 has stated that there is no Wild Life Sanctuary /National Park/Tiger and Elephant Reserve in 10 km Periphery of the Mine and the nearest KatharkaBada forest land is located at a distance of 10.00 Km.

The ME, Rajsamand in his certificate dated 18.08.2022 has stated that as per the MoEF& CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 1.0683 Hectare.

The Committee observed during the presentation that habitation exist within 300 m periphery of mine & blasting and drilling is proposed for mining activities therefore the Committee asked the PP to conduct scientific study from CIMFR or any other recognized institution of repute/NABET accredited FAE (functional area expert )which is approved for carrying out such types of study. The study should clearly demonstrate whether there are any adverse impacts on nearby buildings/edit bodies/dams / etc along with mitigating measures (if applicable).

The control case and worst-case scenario needs to be demonstrated with controlling factors and worst-case scenario clearly besides it GLC values for all the pollutants needs to be clearly mentioned. The input parameters used for the modelling also needs to be calculated and submitted. Therefore, the Committee asked PP to submit the same.

ADS/ Query letter was issued vide letter dated 14.12.2022 in compliance to which PP, vide letter dated 14.03.2023, had submitted a request seeking additional time for submitting the documents/ information sought vide letter dated 14.12.2022.

The Committee in its 5B.43<sup>rd</sup> meeting held on 14<sup>th</sup>, 16<sup>th</sup>, and 17<sup>th</sup> March, 2023 considered the request and resolved to reconsider the matter after the information/ documents / reply.

### **Observations and Resolution of the committee:-**

The PP, in response to the query made by SEAC vide letter dated 14.12.2022 has submitted reply vide letter received on dated 18.02.2023 and 13.04.2023. The SEAC in its **5B.45<sup>th</sup>** meeting held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** considered the reply.

The PP, in compliance of the query has submitted following documents-

1. Noise & vibration study report conducted by Shri Mukesh Kumar Gupta (NABET Accredited & FAE)
2. The revised cluster certificate issued by ME, Rajsamand (Div-II) vide certificate dated 13.04.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 1.0683 Hectare.

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

1.	Category / Item no.(in Schedule):	B-2, Mining of Mineral
2.	Location of Project	Near Village– Badi Ballo ki Bhagal, Tehsil– Khamnor, District– Rajsamand (Rajasthan)
3.	Project Details M.L. No. /Production capacity	“Quartz and Feldspar (Minor mineral) mining project” [Ref. No.20221000055880, Khasra No.- 6301/2318, 6302/2018] over an area 1.0683 Hectare with Proposed Production capacity– 72,205 TPA (ROM) {Saleable- 50,542 TPA, Waste– 14,443 TPA and Sub Grade- 7,220 TPA} located Near Village– Badi Ballo ki Bhagal, Tehsil– Khamnor, District– Rajsamand (Rajasthan) by M/s Karni Minerals. Khasra No.- 6301/2318, 6302/2018
4.	Project Cost	Rs :- 80.0 Lakhs
5.	Water Requirement & Source	3.0 KLD (Tanker Water Supply from nearby village)
6.	Fuel & Energy	150-180 Litre/day Fuel will be required for mining machineries.
8.	Application No.& Date & documents submitted	Online Submitted to SEIAA, Proposal no - SIA/RJ/MIN/289308/2022 Dated 20.08.2022
9.	Information about Aravalli	ME/Raj-II/CC/20221000055880/163 dated: 18.08.2022

	Certificate		
9	Date of Air/Water/Noise Monitoring	Environment Monitoring was carried out by NABL approved laboratory.	
10	Information about 500m Composite Map	-	
<b>Environment Sensitivity:-</b>			
1	Nearest Village	Badi Ballo ki Bhagal village at a distance of 0.20 km in NW direction from the mine site.	
2	Nearest National / State Highway	<ul style="list-style-type: none"> <li>➤ SH-49 at a distance of 1.0 Km in S Direction from mine site.</li> <li>➤ SH-36B at a distance of 6.80 Km in W Direction from mine site.</li> <li>➤ NH-58 at a distance of 10.90 Km in E Direction from mine site..</li> </ul>	
3	Nearest Railway Station	Kroli railway station at a distance of 18. 60 km in E direction from the mine site.	
4	Nearest Airport	Jodhpur Dabok airport at a distance of 450Km in SSE direction from the mine site.	
5	Archaeological Important Place	None within 15 Km radius of the project area	
6	National Park, Wild Life Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/ Elephant Reserve, Reserve / Protected Forest within 10 km radius of study area.	<ul style="list-style-type: none"> <li>➤ Haldighati PF at a distance of 9.20 km in S direction from mine site.</li> <li>➤ Kathar ka Bada ki Nedi PF at a distance of 10.0 km in W direction from mine site.</li> <li>➤ Thaman Raati Dang PF distance of 10.50 km in NW direction from mine site..</li> <li>➤ Bor ki Naal ka Mathara PF at a distance of 13.40 km in NW direction from mine site.</li> <li>➤ Saar ka Beed PF at a distance of 13.70 km in SW direction from mine site.</li> </ul> <p><b><i>No any other important or sensitive areas for ecological reasons such as National Park, Wild Life Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/ Elephant Reserve, etc. are found within the 15 km radius of mine site.</i></b></p>	
7	Nearest River / water body	<ul style="list-style-type: none"> <li>➤ Bhanwrka Bala at a distance of 1.70 km in N direction from mine site.</li> <li>➤ Khari Nadi at a distance of 3.55 km in NE direction from mine site.</li> <li>➤ Chilkawas Dam at a distance of 3.95 km in N direction from mine site</li> <li>➤ Banas River at a distance of 6.40 km in S direction from mine site.</li> <li>➤ Nandasamand Dam at a distance of 6.55 km in SE direction from mine site.</li> </ul>	
8	Inter-State Boundary	No any Interstate Boundary found within 15 Km radius of the project	
9	Seismic Zone	Zone – II	
11	<b>Environment Management Plan</b>		
	<b>Sr. No.</b>	<b>PARTICULAR</b>	<b>CAPITAL COST (IN RS.)</b>
			<b>RECURRING COST (IN RS./YEAR)</b>
	1	Water sprinkle facility on haul roads to prevent dust suppression.	-
	2	Maintenance of approach road	50,000/-
	3	Pollution Monitoring of Ambient Air, Noise, Water & Soil Quality	30,000/-
	4	Plantation/Green Belt & maintenance	3,96,000/-
	5	Wire fence around mining pits	5,000/-
	6	Occupational health check-up in a year	15,000/-
	7	Provision of PPES (helmet shoes gloves goggles etc.)	47,000/-
	8	Rainwater harvesting in nearby Govt. School/PHC Centre & Gram Panchayat	2,50,000/-
			30,000/-

9	Installation of Modular STP with capacity of 2 KLD.	5,00,000/-	30,000/-
10	Emergency rescue fire fighting equipments and first aid	50,000/-	5,000/-
11	Construction of Garland drains & Settling tank	1,50,000/-	5,000/-
	<b>TOTAL</b>	<b>14,46,000/-</b>	<b>5,89,000/-</b>

12	<b>Green Belt/ Plantation</b>							
Year	Plantation on safety zone (7.5 Meter & Outside the lease area)				Cost of sapling along with maintenance		Name of species	Places of plantation
	Plantation at safety zone		Outside the lease area		Capital cost in Rs.	Recurring cost in Rs./yr.		
	Area (Ha.)	No. of Trees	Area (Ha.)	No. of Trees				
2022-23	0.16	160	0.10	100	(Plant Cost-300/-) 1,29,000/- (Tree Guard Cost-500/) 1,80,000/-	Maintenance/Watering/Manuring Cost-2,52,000/- (Rs. 700/-per plant)	Neem, Ardu, Siras, Karanj, Palash, Mahua, Sitaphal other native species & suggested by forest officials , other native species & suggested by forest officials	Inside periphery of the lease area & outside the lease area at Khasra No-3138 in village Badi Ballo ki Bhagal.
	-	-	0.10	100				
2023-24	Replacement of Non-Survival Species @ 20 % i.e. 30 Nos. (year 2022-23)		Replacement of Non-Survival Species @ 20 % i.e. 20 Nos. (year 2022-23)					
2024-25	--		Replacement of Non-Survival Species @ 20 % i.e. 20 Nos. (year 2023-24)					
2025-26	Maintenance/Watering/Manuring							
2026-27	g							
Total	Plantation at safety zone		Outside the lease area		3,09,000/- (Say's 3,10,000/-)	2,52,000/-		
	0.16	160	0.20	200				
Additional Plantation <i>at the Periphery of the connecting unpaved road nearby mine site.(100 Tress)</i>					86,000/-	70,000/-		
<b>Total</b>					<b>3,96,000/-</b>	<b>3,22,000/-</b>		

Total 33% of the lease area (i.e. 0.36 ha.) will be developed as greenbelt, out of which 0.16 ha. area will be developed greenbelt at 7.5m safety zone and remaining 0.20 ha. area will be planted at outside the lease at Khasra No-3138 in village Badi Ballo ki Bhagal. Plantation NOC has been issued by Tehsildar Khamnor vide letter dated :-06.12.2022..

- Total 160 Nos. plants will be planted inside the lease area at safety zone & remaining i.e. 200 trees will be planted on outside the lease area.
- About 1000 trees will be planted per hectare
- Native Species will be planted as per greenbelt development program.
- Regular maintenance will be done by Project Proponent to protect the saplings.
- In addition of proposed greenbelt development, The Mining Lease Holder will also be develop greenbelt (100 trees) at the Periphery the connecting unpaved road nearby mine site.***
- 

The Project Proponent assured that the trees cutting will be avoided as much as possible at any stage of mining. If there will a possibility of trees cutting during the mining operation, then instead of 1 tree, 10 trees would be planted on outside the lease area i.e. School/village road/ village public places etc. & such information shall be submitted to respective authority during post EC compliance.

*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. as per MoEF&CC O.M. dated 16.01.2020.*

13 Budgetary Breakup for Labour

Sr. No.	Description	Capital Cost (in Rs.)	Recurring Cost (in Rs./Yr.)
1	Rest Shelter	1,00,000	5,000
2	Drinking water facility	-	10,000
3	Toilet Facility (2 units for Male & Female) { Standard cost breakup for construction a Toilet- Construction cost (bricks, Cement, Sand, Door, Tiles, PVC pipes material, Toilet Sheet, preparation of savage tank & soakpit-20000 Labour cost-6000 Maintains cost-2000 Standard size-7x5 Foot }	56,000	2,000
4	Fuel for cooking	-	12,500
5	Medical facility for labors	-	5,000
6	Provision for personal protection equipment (PPEs) like ear plug, Face mask, Helmet, shoes etc., for 10 workers Safety shoes @1000 Rs (1 times/year) – Rs.10,000 Hand Gloves @300 Rs (3 times/year) – Rs. 9,000 Face mask @50 Rs (2 times in month) – Rs. 12,000 Ear plugs @50 Rs (2 times in month) – Rs. 12,000 Helmets @ 450 Rs (1 time in year) – Rs. 4,500	-	47,500
7	Periodical health check-up once in years @ 1500	-	15,000
8	Fire safety	-	5,000
9	Training & awareness camps will be conducted for workers for safe & sustainable mining	-	10,000
<b>Total</b>		<b>1,56,000/-</b>	<b>1,12,000/-</b>

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

**Agenda no. 05. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 8a(22262)/ 2022-23**

**Project Name-**

EC for proposed "KAY THREE SPACE"(Commercial Building) project " Gross Built-up Area 23376.29 Sq.m. ,Plot Area- 3668.54 Sq.m. at Khasra No.436/34,35 & 36/1, Add.-village- Jhalana Chodd, Tehsil- Sanganer, District-Jaipur, Rajasthan(**Proposal No.409836**)

**Name of Proponent-**

Smt. Sudesh Dhankhar and Ms.Kamna Dhankhar, Authorized Signatory: - Mr. Pratap Bhanu Singh Shekhawat, Regd. Office: B-12, Ram Kunj, Chomu House C- Scheme, Jaipur, Rajasthan  
Email- [pratapbhanushekhawat@gmail.com](mailto:pratapbhanushekhawat@gmail.com)

**Name of Consultant-**

M/s Enkay Enviro Services Pvt. Ltd., Jaipur, Add.- Corporate Office- # 92 Heera Nagar- A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj.)  
Email- [info@enkayenviro.com](mailto:info@enkayenviro.com)

**The project details so far-**

The Committee considered/examined the project proposal in its meeting **5B.39<sup>th</sup>** held on **1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> Feb,2023** in the presence of PP and his Consultant.

The PP has submitted application for obtaining Environmental Clearance for "KAY THREE SPACE" (Commercial Building) project "Gross Built-up Area 23376.29 Sq.m., Plot Area-

3668.54 Sq.m. at Khasra No.436/34,35& 36/1, Add.- village- Jhalana Chodd, Tehsil- Sanganer, District-Jaipur, Rajasthan(**Proposal No.409836**)

The proposed project, based on the proposed built-up area (including facility area) being less than 150000 sq.mt. and plot area less than 50 ha., is categorized and appraised under category 8 (a) of the schedule, as per EIA Notification, 2006 and subsequent amendments thereafter. The cost of proposed project is 250 Cr.

The total water requirement for project is 143.0 KLD {Fresh water: 56 KLD; Recycled water: 87 KLD}. The source of water is Ground Water supply. The PP, informed that source of fresh water is Ground Water supply and application for the same is submitted accordingly.

The land pertaining to the project has been allotted by the JDA,Jaipur to Ms. Kamana Dhankar D/o Shri Jagdeep Dhankar & Smt. Sudesh Dhankhar W/o Shri Jagdeep Dhankar for Commercial purpose vide patta dated 05.08.2022.

The AAI, Jaipur vide order dated 11.01.2023 have issued issued NOC for Height Clearance of 36.66 mt.to the project which is valid upto 11.01.2031

The committee observed that documents submitted by PP is incomplete in respect of following points. Therefore the Committee, asked the PP to submit clarifications/documents/information on the following points within 45 days failing which the project shall be recommended to SEIAA for closure and delistment-

1. The difference in total built up area in Form-I (27017.38 Sq.m.), in circulated documents(29406.17Sq.m) & in presentation made before Committee for appraisal (27181.350 Sq.m.)
2. The difference in height of building ,total water requirements, waste water generations etc. in Form-I , in circulated documents and in presentation made.
3. The presence of nitrates in high concentration (approx. 96 mg/lit) in ground water & its utilisation for various purposes without any treatment/mitigation measures.
4. Ambiguous report & contradictory data/information e.g. details of Biomedical Waste/hospital Waste has been provided for building & construction waste, technique of treatment of wastewater (STP) has shown to be different in report/presentation(MBBR/SBR) likewise, information/data pertaining to number of uprooted trees, mechanical parking, ECU,project costs, location of STP is ambiguous.
5. STP,Green Belt area & D.G. set have been proposed at same location
6. Landscaping/Plantation is not as per Model Building By-Laws
7. Calculation of ECU is incorrect & not as per Model Building By-Laws
8. R-Value & U-Value along with section of wall & roof has not been provided
9. Affidavit regarding submitted conceptual plan is in conformity of Model Building By-Laws.

#### **Observations and Resolution of the committee:-**

The PP, in response to the query made by SEAC vide letter dated 13.02.2023 has submitted reply vide letter received on dated 21.03.2023 (Online) & 13.04.2023 (Hard copy). The

SEAC in its **5B.45<sup>th</sup>** meeting held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** considered the reply.

The PP, in compliance of the query has submitted following documents-

1. The PP has submitted a clarification regarding difference in total built up area .As per JDA approved map dated 10.04.23 total Gross built up area is 23376.29 sq.m. due to change made by JDA.
2. The PP has proposed to install community Reverse Osmosis to remove extra nitrate from permissible limit by ozonization followed by Ultra-filtration and than ACF.
3. In compliance of fourth point of ADS the PP has submitted details of no of uprooted trees as 168, ECU, project costs, location of STP.
4. Location of STP Green belt area & DG will be as per approved maps.
5. As per norms of CGWA no RWH unit will be 07. 04 in front side of the site and remaining on other three sides.
6. Revised Parking calculation and according to approved JDA map is 276.
7. The detailed energy conservation report showing U and corresponding R value with fenestration and day lighting factor of the urban form of the building
8. The PP has submitted JDA approved map.

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

1.	Category/ Item no. (in Schedule):	B-2 Category, 8 (a)
2.	Location of Project	Khasara No. 436/34,35,&36/1,Add. Village JhalanaChodd, Tehsil Sanganer, District Jaipur, Rajasthan
3.	Project Details	The project has a total plot area of 3,668.54 Sq. m. with Gross Built up area 23,376.29 Sq. m (as per JDA approved plans dated 10.04.2023)  Project details: No. of Block: 1
	<b>SURFACE LAND USE BREAK UP</b>	
	A. TOTAL PLOT AREA: 3668.54 Sq.m.	
	B. GROSS BUILT UP AREA: 23,376.29Sq.m.	
	Standards	Proposed
	<b>C. GROUND COVERAGE</b>	
	1834.27 Sq. m. (50 %)	1570.52 Sq.m. (42.81%)

D. LANDSCAPE AREA				
--		209.9 Sq.m (5.72%)(Softscape)		
		525.9 Sq.m (14.33%)(Hardscape)		
		735.80 Sq.m. (including soft and hard landscape)		
E. OPEN PARKING AREA				
--		620.16 Sq.m (16.90 %) Total ECU provided – 276 Nos.		
F. PAVED AREA				
--		1267.96 Sq.m (34.56 %)		
S.No	Building	Floors	Blocks	Height approved by AAI as 36.68 m
1.	Commercial Building	LB+UB+ GF +8	1	35.38 m
2.	DG SET	GF	-	-
3.	S.W.D.	GF	-	-
4.	S.T.P.	LB to UB	-	-
	Total	-	1	-
4.	Project Cost:	Total: 250 Cr.		
5.	Details of construction takes place at site	Not yet construction started at site		
5.	Water Requirement per day & Source	<p>Total Fresh water requirement:</p> <p>In the operation phase, the daily water demand will be about 143 KLD (56 KLD freshwater demand, and 87 KLD recycled water)</p> <ul style="list-style-type: none"> <li>Source of water will be ground water. Applied to CGWA for ground water abstraction NOC, application number – 21-4/18042/RJ/INF/2023, dated 30.01.2023.</li> </ul>		

6.	Fuel &Energy: -	<table border="1"> <thead> <tr> <th colspan="4" data-bbox="560 203 1461 271">Description</th> </tr> </thead> <tbody> <tr> <td colspan="2" data-bbox="560 271 842 338">Source of supply</td> <td colspan="2" data-bbox="842 271 1461 338">Will be met through JVVNL (Jaipur)</td> </tr> <tr> <td colspan="2" data-bbox="560 338 842 568" rowspan="2">Electrical Load</td> <td data-bbox="842 338 1070 456">Connected load</td> <td data-bbox="1070 338 1461 456">1542 kV</td> </tr> <tr> <td data-bbox="842 456 1070 568">Maximum Demand</td> <td data-bbox="1070 456 1461 568">1696 kV</td> </tr> <tr> <td colspan="2" data-bbox="560 568 842 1084" rowspan="5">D.G. Set</td> <td data-bbox="842 568 1070 636">Number</td> <td data-bbox="1070 568 1461 636">3</td> </tr> <tr> <td data-bbox="842 636 1070 748">Capacity</td> <td data-bbox="1070 636 1461 748">2 Nos. 750kVA+ 1 Nos. 1000kVA</td> </tr> <tr> <td data-bbox="842 748 1070 860">D.G Capacity</td> <td data-bbox="1070 748 1461 860">Cumulative capacity of 2500 kVA</td> </tr> <tr> <td data-bbox="842 860 1070 972">Fuel Used</td> <td data-bbox="1070 860 1461 972">HSD (sulphur content: 0.05%)</td> </tr> <tr> <td data-bbox="842 972 1070 1084">Fuel Consumption</td> <td data-bbox="1070 972 1461 1084">Total approx.125ltr/hr at 1/2 load</td> </tr> </tbody> </table>				Description				Source of supply		Will be met through JVVNL (Jaipur)		Electrical Load		Connected load	1542 kV	Maximum Demand	1696 kV	D.G. Set		Number	3	Capacity	2 Nos. 750kVA+ 1 Nos. 1000kVA	D.G Capacity	Cumulative capacity of 2500 kVA	Fuel Used	HSD (sulphur content: 0.05%)	Fuel Consumption	Total approx.125ltr/hr at 1/2 load
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7.	Application No. & Date & documents submitted: -	<u>Online submission</u> <table border="1"> <thead> <tr> <th data-bbox="520 1155 596 1312">S. No</th> <th data-bbox="596 1155 1289 1312">Description/ Details</th> <th data-bbox="1289 1155 1485 1312">Date</th> </tr> </thead> <tbody> <tr> <td data-bbox="520 1312 596 1503">1.</td> <td data-bbox="596 1312 1289 1503">Online application for EC has been submitted on Privesh Portal in 8(a), B2 category. Proposal no.: SIA/RJ/INFRA2/409836/2022</td> <td data-bbox="1289 1312 1485 1503">26.12.2022</td> </tr> <tr> <td data-bbox="520 1503 596 1615">2.</td> <td data-bbox="596 1503 1289 1615">Listed in Agenda for 5B .39<sup>th</sup> Meeting SEAC-2, (Raj.)</td> <td data-bbox="1289 1503 1485 1615">11.01.2023</td> </tr> <tr> <td data-bbox="520 1615 596 1688">3.</td> <td data-bbox="596 1615 1289 1688">Presentation on SEAC-2</td> <td data-bbox="1289 1615 1485 1688">01.02.2023</td> </tr> </tbody> </table>				S. No	Description/ Details	Date	1.	Online application for EC has been submitted on Privesh Portal in 8(a), B2 category. Proposal no.: SIA/RJ/INFRA2/409836/2022	26.12.2022	2.	Listed in Agenda for 5B .39 <sup>th</sup> Meeting SEAC-2, (Raj.)	11.01.2023	3.	Presentation on SEAC-2	01.02.2023														
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8.	Environment Management Plan with budgetary provision	<p>Capital Cost: Rs. 910 Lacs</p> <p>Recurring Cost: Rs. 91 Lacs</p> <table border="1"> <thead> <tr> <th data-bbox="533 1832 651 1986">S. No.</th> <th data-bbox="651 1832 1075 1986">Description of Item</th> <th data-bbox="1075 1832 1257 1986">Capital Cost(In Lacs)</th> <th data-bbox="1257 1832 1485 1986">Recurring Cost (In Lacs)</th> </tr> </thead> <tbody> </tbody> </table>				S. No.	Description of Item	Capital Cost(In Lacs)	Recurring Cost (In Lacs)																						
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		1.	DG sets Acoustic Enclosures	200	20
		2.	STP	100	10
		3	Rain Water harvesting	30	3
		4.	Air & Noise Environment management	6	20
		5.	Plantation (Inside Premises)	6.15	0.615
		6.	Energy conservation	100	10
		7.	Fire Fighting & Emergency handling	100	25
		8.	Solid waste management	10	5
		9.	Corporate Environment Responsibility (CER) & CA	358	35.8
		Total		910	91
9.	STP(For Domestic Purpose)  ETP (for Trade Effluent)	STP of 135 KLD based on MBRtechnology.			
10.	Green Belt/ Plantation area and % of total area in sq. mts.	209.9 Sq.m (5.72%) (Softscape)  525.9 Sq.m (14.33%) (Hardscape)  735.80 Sq.m. (including soft and hard landscape)			
13.	Budgetary Breakup for Labour	10.80 Lacs			
14.	Solid Waste	General solid waste - 810 kg/day			
<p>The details of solid and liquid waste generated &amp; their disposal during the construction and post construction phase are as follows:</p> <p><b>CONSTRUCTION PHASE</b></p> <p>Soil: Excavated soil: 33016.86Cu.m (Stored at earmarked places)</p>					

Total Solid waste: 25 Kg/day

General solid waste generated during construction period is 25 kg/day. The waste generated from domestic and inert waste (Brick, masonry, concrete, etc.) which will be used for road making & land filling within the project site. The waste will be sent to JMC disposal site for domestic and sold to the vendors for recycling of construction.

Effluent:Modular STP will be provided.

#### POST CONSTRUCTION PHASE

Total Solid Waste:810 kg/day

During post construction period almost 810 kg/day will be generated including domestic such as offices canteen and E waste generated from offices. The waste will be sent to JMC disposal site for domestic and sold to the vendors for recycling of operation.

15.	Present status	At present, no construction activity has commenced.
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The Committee after consideration of the information contained in the Form-1, Form-1 A, approved plan, environment management plan and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of Environmental Clearance to aforementioned project which is subject to the following specific and general conditions-

#### **I. Statutory compliance:**

- i. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire fighting equipment etc as per National Building Code including protection measures from lightening etc.
- iii. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- vi. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.

- vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

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

- i. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
- iv. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and

construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.

xi. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

xii. For indoor air quality the ventilation provisions as per National Building Code of India.

### **III. Water quality monitoring and preservation**

i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.

ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.

iii. Total fresh water use shall not exceed the proposed requirement as provided in the project details.

iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.

v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

vi. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.

vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.

viii. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.

- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. All recharge should be limited to shallow aquifer.
- xiv. No ground water shall be used during construction phase of the project.
- xv. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xvi. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xvii. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xviii. No sewage or untreated effluent water would be discharged through storm water drains.
- xix. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xx. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.

xxi. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

#### **IV. Noise monitoring and prevention**

i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.

ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

iii. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

#### **V. Energy Conservation measures**

i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.

ii. Outdoor and common area lighting shall be LED.

iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

iv. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

v. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.

vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential

buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

## **VI. Waste Management**

i. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.

ii. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.

iv. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.

v. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.

vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.

vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials.

viii. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 20L.6., Ready mixed concrete must be used in building construction.

ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.

x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

## **VII. Green Cover**

i. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).

ii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.

iii. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.

iv. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

### **VIII. Transport**

i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.

a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.

b. Traffic calming measures.

c. Proper design of entry and exit points.

d. Parking norms as per local regulation.

ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.

iii. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

### **IX. Human health issues**

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

## **X. Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms /conditions. The company shall have defined system of reporting infringements /deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

## **XI. Miscellaneous**

- i. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days

indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.

ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.

iv. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

v. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.

vi. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.

vii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.

ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF & CC).

x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

xiv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution)

Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

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

**Add.Agenda no.06. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 2(b)(22006)/ 2022-23**

**Project Name-**

Approval of EIA /EMP & EC for setting up the proposed project “Mineral Wet Beneficiation Plant , Total existing Industrial land area-10.98 Hectare, Total Production- 79300 MTPA, Wollastonite- 75000 MTPA and Gypsum-4300 MTPA, Khasra No. 366/1,366/2,367,368,378,380 & 450/1,Village- Amliya, Tehsil- Bali, District-Pali,Rajasthan **(Proposal No.405284)**

**Name of Proponent-**

M/s Wolkem Industries Limited, Address- Wolkem House, E-101,Mewar Industrial Area, Madri Udaipur (Raj.)

Email- [upp@wolkem.com](mailto:upp@wolkem.com) , [amliyaplant20@gmail.com](mailto:amliyaplant20@gmail.com)

**Name of Consultant-**

Wolkem India Limited, Address-E-101-102, Mewar Industrial Area, Madri, Distt.- Udaipur (Raj.)

Email- [info.wcs@wolkem.com](mailto:info.wcs@wolkem.com)

**The project details so far-**

The Committee Considered/examined the project proposal in its meeting **5B.36<sup>th</sup> Meeting** held on **5<sup>th</sup> Jan,2023 & 6<sup>th</sup> Jan,2023** in the presence of PP and his Consultant.

The PP has submitted application for Approval of EIA /EMP & EC for setting up the proposed project “Mineral Wet Beneficiation Plant , Total existing Industrial land area-10.98 Hectare, Total Production- 79300 MTPA, Wollastonite- 75000 MTPA and Gypsum-4300 MTPA, Khasra No. 366/1,366/2,367,368,378,380 & 450/1,Village- Amliya, Tehsil- Bali, District-Pali,Rajasthan **(Proposal No.405284)**. The proposed project is categorized under category B, 2(b) as per MoEF & CC Notification dated 20.04.2022, which states that “all mineral beneficiation projects irrespective of the procedure for beneficiation shall be consider at State level. The cost of proposed project is 10.57 Cr.

The total water requirement of project is 10 KLD {for industrial activity: 07 KLD, Domestic purpose: 02 KLD, Plantation: 01 KLD}. The source of water is bore well water supply for which the PP has obtained CGWA NOC for 25 KLD vide letter dated 20.05.2022

.The committee took the note of the issued ToR for Mineral Wet Beneficiation Plant from SEIAA vide letter dated 09.02.2021 and it was observed that mentioned category of the project was B2 instead of 2(b) but in the further details pertain to category 2(b) hence the committee resolved to consider the project as 2(b).

Further the amendment in ToR was granted by SEIAA for change in Khasra due to split in parts.

The land of the industry M/s Wolkem India Limited was leased by Govt. on 17.02.1994, consisting an area of 4.0 ha. in Khasra no. 366 and 450 of Village Ameliya, Tehsil- Bali, District Pali. In addition to this another parcel of land at measuring 2.0 ha., in Khasra no. 366 Village Ameliya, Tehsil- Bali, District Pali was allotted by Govt. of Raj. through District Industry Centre, Pali vide lease deed dated 22.09.1998. A third parcel of land comprising 4.98 ha., in Khasra no. 367, 368, 378 and 380, which was converted for industrial purpose by District Collector Pali in favour of Sh. Chimna Ram Meghwal vide order dated 13.06.2003. This parcel of land was sold by Sh. Chimna Ram Meghwal to M/s Wolkem India Ltd. These 3 parcel of land totalling 10.98 ha. was subleased by M/s Wolkem India Ltd to M/s Wolkem Industries Ltd for a period of three years by sub lease agreement executed on 01.02.2019.

The lessee M/s Wolkem Industries Ltd has submitted an affidavit on letter head of M/s Wolkem India Ltd signed by authorised signatory Sh. Manoj Swaroop affirming that M/s Wolkem India Ltd shall be responsible for any environmental consequences, liabilities whether direct or indirect arising on account of any activities being carried out on the land by M/s Wolkem Industries Ltd (lessee) on the said property.

The PP has stated that there is no litigation pending against the project. The PP has submitted affidavit dated 08.12.2022 where in it is stated that there has been no violation of the EIA Notification 2006.

One season post monsoon primary base line data of the ambient air quality PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub>, Water Quality, Noise level, Soil quality and Flora and Fauna were collected during Oct.2020 to Dec, 2020.

**The PP** got public notice published in edition of Indian Express & Dainik Bhaskar (Marwar Edition), Pali on dated 22.07.2022 for holding public hearing for the entire cluster for ascertaining material concerns for local affected persons and it such concerns into account in the EIA/EMP report.

Public hearing was accordingly held on 25.08.2022 at 11.00 AM at Govt Upper Primary School, Sarjuwadi, Tehsil- Bali, District-Pali, Rajasthan in reference to the proposed project "Mineral Wet Beneficiation Plant under the Chairmanship of Shri Chandrabhan Singh Bhati, Add. District Collector, Pali and Shri Rahul Sharma RO, RSPCB, Pali was also present during public hearing.

The Committee observed that the PP has not submitted the certificate from concerned DCF regarding existence or otherwise National Park/ WLS within 10 Km of the applied Project Area. The committee observed that documents submitted by PP are incomplete in respect of following points. Therefore the Committee, asked the PP to submit the following documents-

1. DCF certificate regarding existence or otherwise of National Park/ WLS in 10.0 Km periphery of Project area along with flora & Fauna list.

2. Detail of all the existing & proposed sources of air pollution with stack heights provided/ to be provided should be given along with details of pollution control equipments including wet scrubbers installed to control process emissions
3. Details of ETP should be submitted with justification for recycling and reuse treated waste water along with quality of treated waste water.
4. Revised water balance table because the details of water consumption and recycling do not appear convincing in light of the process of beneficiation involved.
5. Details of analysis of raw material with respect to magnetic components (free and bonded).
6. Sub lease agreement was executed on 01.02.2019 between M/s Wolkem India Ltd and M/s Wolkem Industries Ltd for a period of three years which has been expired as per the submitted documents so Valid lease deed should be submitted.

The PP, in response to the query made by SEAC vide letter dated 12.01.2023 has submitted reply vide letter received on dated 08.02.2023 The SEAC in its 5B.42<sup>nd</sup> meeting held on **28th Feb, 1st, 2nd ,3rd & 9th March, 2023** considered the reply.

The PP, in compliance of the query has submitted following documents-

The committee took the note of above documents and found the following

1. The PP has submitted DCF ,Pali certificate which states that sirohi district is also located within 10km from applied area, but The PP has not submitted DCF certificate of Sirohi.
2. The PP has submitted a detail of existing and proposed PCM along with photographs but at the time of presentation it was conveyed that no PCM has been installed and further has submitted affidavit dated 08.12.2022 where it is stated that there has been no violation of the EIA Notification 2006. The PP is required to clarify that why not project should be considered as a case of violation of EIA Notification 2006.
3. The PP stated that no ETP is required but the PP has failed to submit characteristics of water at the different stages of process.
4. The PP has submitted water demand for wet beneficiation process whereas, the committee ask the PP to submit water balance table with justification.
5. The PP has not submitted analysis of Raw material wrt to magnetic component free and bonded.
6. The PP has submitted a Sub lease agreement.

The Committee found incomplete/inadequate/ unsatisfactory in respect of query no: 1 to 5 of ADS letter dated 12/01/2023.

The Committee, therefore, resolved to asked the PP to submit complete reply to the queries raised vide ASD dated 12/01/2023.

**Observations and Resolution of the committee:-**

The PP, in response to the query made by SEAC vide letter dated 21.03.2023 has submitted reply vide letter received on dated 27.03.2023(Online) & 10.04.2023(Hard copy). The SEAC in its 5B.45<sup>th</sup> meeting held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023 considered the reply. The Committee observed that the reply is adequate with respect to points raised in ADS.

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

1.	<b>Category / Item no.(in Schedule):</b>	Category “B1” Schedule:-2(b) “Mineral Beneficiation
2.	<b>Location of Project</b>	At Khasra No. 366/1, 366/2, 367, 368, 378, 380, 450/1, near Village - Amliya, Tehsil Bali, District Pali, State Rajasthan
3.	<b>Project Details</b>	Throughput capacity of the project is 78,000 MT/Annum of Wollastonite feed with production Capacity of Wollastonite (Product) 75,000MT/Annum & Gypsum (Product) is 4,300 MT/Annum i.e. <b>Total</b> = 79,300 MT/Annum.
4.	<b>Project Cost:</b>	Rs. 10.57 Crores
5.	<b>Water Requirement &amp; Source</b>	<ul style="list-style-type: none"> <li>▪ Total water requirement is 25 KLD and source of water is through bore well.</li> <li>▪ NOC from CGWA Jaipur has been obtained vide No. CGWA/NOC/IND/ORIG/2022/15643 dated 20.05.2022 for 25 KLD ground water of Amliya unit, which is valid up to 19.05.2024.</li> </ul>
6.	<b>Fuel &amp; Energy:-</b>	Proposed: 400 KVA; Source: Ajmer Vidyut Vitran Nigam Ltd (AVVNL).
7.	<b>Application No. &amp; Date &amp; documents submitted :-</b>	Application No. SIA/RJ/IND1/405284/2022 submitted on 4 <sup>th</sup> November 2022, with all relevant Annexures along with Final EIA/EMP for the further process of EC.
8.	<b>Information about Aravalli Certificate.</b>	Not applicable.
9.	<b>Date of Air/Water/Noise Monitoring</b>	Environmental data has been collected in relation to existing mineral beneficiation for-Land, Water, Air, Noise, Biological, and Socio-economic from 1 <sup>st</sup> October 2020 to 31 <sup>st</sup> December 2020.
10.	<b>Information about 500 mts composite map</b>	Enclosed As annexure-I of agenda.
11.	<b>Environment Management Plan</b>	Capital Cost -Rs. 45.0 Lakhs Recurring Cost – Rs. 9.0 Lakhs
12.	<b>CSR /ESR Activates</b>	Capital Cost -Rs. 21.10 Lakhs Recurring Cost – Rs. 4.22 Lakhs till 5 years.
13.	<b>Green Belt/ Plantation</b>	Eco-friendly programs in and around the plant should be essentially for long term mutual benefits. For effective control of air pollutants in and around the plant, Environment Management cell shall develop a suitable green belt area by taking into consideration the following criteria. <ul style="list-style-type: none"> <li>✓ Control noise and vibration to a considerable extent.</li> <li>✓ Prevent soil erosion</li> <li>✓ Mitigate gaseous emissions</li> </ul>

		<ul style="list-style-type: none"> <li>✓ Effective use in treated wastewater.</li> <li>✓ Maintained and developed ecological balance in the area.</li> <li>✓ Improve in the aesthetics beauty of the area</li> </ul>																																																																														
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<b>14</b>	<b>Budgetary Breakup for Labour</b>	As per the representative, the workers are from the nearby villages, they come in the morning and leave the site in the evening, only emergency workmen, supervisory & officers are staying at site in a temporary structure. Basic facilities for workmen such as toilets, drinking water, LPG cylinders etc. have been provided on site.																																																																														
<b>15</b>	<b>Present Status</b>	Application is for Environmental Clearance. Construction will be started after obtaining E.C and CTE from the RSPCB.																																																																														

The Committee after consideration of the information contained in the Form-1, Form-1 A, environment management plan and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of Environmental Clearance to aforementioned project, which is subject to the following specific and general conditions-

#### I. Statutory compliance

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act. 1986, in case of the diversion of forest land for non-forest purpose involved in the project

- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule- I species in the study)
- iv. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.
- vi. The project proponent shall obtain authorization under the Hazardous and Other Waste Management Rules, 2016 as amended from time to time

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

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to Equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
- iii. The project proponent shall install system to carry out Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (eg PM and PM as reference to PM emission, and SO, and NO<sub>x</sub> is reference to SO<sub>2</sub>, and NO<sub>x</sub> emission) within and outside the plant areas at least at four locations (one within and three outside the plant area at an angle of 120 degree each), covering upwind and downwind directions (case to case basis small plant: Manual; Large plants; Continuous)
- iv. The project proponent shall submit monthly summary report of continuous stack emission & air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent use leak proof truck/dumpers carrying one and other raw materials and cover them with tarpaulin.
- vii. Wind shelter fence and chemical spraying shall be provided in the raw material stock piles.
- viii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.

### **III. Water quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standard prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate from time to time according to equipments supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories (case to case basis small plant: Manual: Large plants;Continuous)
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effort testing and manual monitoring of ground water quality to Regional Office of MoEF&CC. Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. The project proponent shall provide the sludge disposal facility with impervious lining and collection well for seepage. The water collected from the sludge pond shall be treated and recycled.
- v. Adhere to Zero Liquid Discharge
- vi. STP shall be provided for treatment of domestic water to meet the prescribed standards.
- vii. Gullies and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to the surface run-off.
- viii. The project proponent shall practice rainwater harvesting to maximize possible extent.
- ix. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by re-cycling treated water

### **IV. Noise monitoring and prevention**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time

### **V. Energy Conservation measures**

- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around projects area and maintain the same regularly
- ii. Provide LED lights in their offices and residential

### **VI. Waste Management**

- i. The waste oil, grease and other Hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016

- ii. Kitchenwaste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type & size of plant)

#### **VII.Green Belt and EMP**

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The green belt shall inter alia cover the entire periphery of the plant.
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

#### **VIII. Public hearing and Human health Issues**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment and Disaster Management Plan shall be implemented
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the with all the necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile,STP,safe drinking water,medical healthy care,etc.The housing may be in form of temporary structures to be moved after the completion of the project
- iv. Occupational health servilliance of the workers shall be done on a regular basis & records maintained as per the Factories Act.

#### **IX. Corporate Environment Responsibilities**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest /wildlife norms/conditions.The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported in the Ministry/Regional Office along with the Six Monthly Compliance Reportt.

- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be

#### **X. Miscellaneous**

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents in the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub> , SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project
  - a) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - b) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- viii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- ix. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

- x. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xi. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
- xiii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.
- xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**Add. Agenda no.07. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B1 (21222)/ 2021-22**

**Project Name-** Application for approval of EIA/ EMP and EC for Quartz Project having Total Cluster Area 7.6501 ha. Cluster Carrying Capacity- 552970TPA (ROM), Reference No-2019100008521 (M.L. No. 22/2019), Area-1.0713 Ha., Production Capacity 74084 TPA (ROM) {Saleable- 66676TPA & waste- 7408TPA} Khasra no- 1806, 1809, 1810, 1816, 1797, 1798, 1799, 1821 N/v- Karada, Tehsil- Sagwara, District– Dungarpur, Rajasthan. **(Proposal No-70418)**

**Name of Proponent :-**M/S Advantis Quartz Pvt. Ltd., (Director Shri SiddharthSinghavi S/o Shri Shanti lal, Address- 9-A, Pologround, Fatehgarh, Udaipur, Rajasthan, Email- [advantisecb2@outlook.com](mailto:advantisecb2@outlook.com))

**Name of Consultant:-**VARDAN ENVIRONET, Add.-Plot No.82-A, Sector-5 IMT Manesar, Gurgaon- (Haryana).email:- [jaipur@vardanenvironet.com](mailto:jaipur@vardanenvironet.com)

**Observations and Resolution of the committee:-**

Your project proposal was appraised by the Committee in 5B.24th meeting convened on 22nd, 23rd, 24th and 25th August 2022. Committee resolved to seek additional information. Query letter seeking additional documents was issued on 12/09/2022 to which reply was received on 17/11/2022.

Reply to ADS dated 17/11/2022 has been appraised in the 5B.45th meeting of Committee held on 10th, 11th, 12th & 13th March, 2023 at Add. Agenda no.07

The Committee observed that reply to ADS dated 17/11/2022 is inadequate. The Committee resolved to allow additional time to PP to submit adequate reply/ documents to ADS dated 12/09/2022.

Thus, you are advised to submit the additional documents/ information within a period of 10 days failing which your proposal will automatically get delisted from the list of pendency at PARIVESH portal. Besides this, recommendation may be also made by SEAC Secretariat to SEIAA for closure and delisting of the proposal.

**Add.Agenda no.08. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2 (22402)/ 2022-23**

**Project Name-**

Environmental Clearance for Proposed Granite Mining Project, M.L No.67/2022, Ref No.- 20221000057307, Mine lease area-1.1311 Hectare, Proposed Production Capacity-125480 TPA (ROM){Saleable-50192 TPA & Waste-75288 TPA}, Khasra No.-152 & 153,Village - Ralaita, Tehsil- Kareda, District- Bhilwara,Rajasthan (**Proposal no.404772**)

**Project Proponent Name-**

M/s Chawanda Granite, Address- Krishna Krishi Firm ,Chitamba,Tehsil- Kareda,District- Bhilwara ,Rajasthan  
Email- [chawandalease086@gmail.com](mailto:chawandalease086@gmail.com)

**Name of Consultant-**

M/s Mantras Green Resources Ltd, Address- Hall No.1 Nice Sankul Plot No.- A-9, Opp. Nasik Merchant Co Op Bank Ltd, ITI Signal, MIDC Satpur, Nasik).  
Email- [mantrasjaipur@gmail.com](mailto:mantrasjaipur@gmail.com)

**The project details so far-**

The Committee considered/examined the project proposal in its meeting 5B.42<sup>nd</sup> meeting held on **28<sup>th</sup> Feb, 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 9<sup>th</sup> March, 2023** in the presence of PP and his Consultant.

The ADM,Udaipur vide order dated 26.07.2022 has issued LoI to the PP for mining of Granite Mineral having validity till 18 months. The Mining Plan has been approved by the ADM,Udaipur vide letter dated 27.09.2022. Also, AME,Bhilwara vide certificate dated 17.08.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF, Bhilwara vide certificate dated 02.09.2022 has stated that there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine.

The AME,Bhilwara vide certificate dated 13.02.2023 has stated that as per the MoEF& CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation.

The Committee observed that blasting is proposed in Approved Mining Plan and habitation is located at the distance of 20 meter from proposed lease boundary.

The Committee, therefore, resolved to asked the PP to submit detailed Blasting & Vibration Modelling/ Study Report with mitigation measure . The ADS/QL was issued on 20.03.2023.

### **Observations and Resolution of the committee:-**

The PP, in response to the query made by SEAC vide letter dated 20.03.2023 has submitted reply vide letter received on dated 02.04.2023. The SEAC in its **5B.45<sup>th</sup>** meeting held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** considered the reply.

The PP, in compliance of the query has submitted following documents-

1. Noise & vibration study report conducted by Shri S.C Sharma (NABET Accredited & FAE )

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

S.No.	Particulars	Details/Information
1.	Category / Item no.(in Schedule):	1 (a)-B2
	ProjectDetails M.LNo./ProductionCapacity	Proposed Granite mining Lease (M.L. No. 67/2022, Area: 1.1311 ha, Ref No. 20221000057307) At Khasra No.- 152 & 153 of Village- Ralaita, Tehsil- Kareda, District- Bhilwara (Rajasthan) of M/s Chawanda Granite. Production capacity;-1,25,480.0 TPA (ROM) [Granite-50,192.0 TPA and Waste-75,288.0 TPA]
2	ProjectCost	Rs- 1.0Cr
3	Waterrequirement&Source	5.0 KLD (Source : Water will be sourced from nearby villages) No source of groundwater within the ML area and groundwater will not be used for any purpose.
4	Fuel&Energy	Only day time mining will be done. The electric power lines of 220 volts and 440 volts are available near the applied ML area in nearby village and along the tar roads.
5	Date & documents submitted :-	Submitted on31.10.2022
6	Information about Aravalli Certificate	AME Bhilwara in his certificate dated 17.08.2022 has stated that the mining lease does not fall in Aravalli hills
7	Date of Air/Water/Noise Monitoring	Environment monitoring conducted on 17.12.2022.
8	Information about 500 mts composite map	The certificate dated 17.08.2022 issued by AME Bhilwaras that as per the MoEF& CC notification, dated 01.07.2016 there is no new ML sanctioned/ registered after 09.09.2013 within periphery of 500 meter and therefore, there is no cluster formation..

9	Environment Management Plan	EMP Cost Rs 3,96,000/- per annum			
		S.no.	Particulars	EMP Cost	
				Capital Cost	Total Amount per annum (In Rs.)
		1.	Half-yearly Pollution monitoring–Air, Noise. Soil, water from MoEF&CC approved laboratory	-	60,000/-
		2.	Dust suppression, water spraying	-	1,00,000/-
		3.	Haul road and other roads repair and maintenance	75,000/-	50,000/-
		4.	Modular STP	5,90,000/-	50,000/-
		5.	Rainwater harvesting	50,000/-	60,000/-
		6.	Plantation @Rs 1500 per plant approx.(including plants purchase, maintenance and fencing/tree guards) <ul style="list-style-type: none"> <li>• Plant saplings purchase</li> <li>• Digging of pits (2x2x2) &amp; manure</li> <li>• Weeding and hoeing</li> <li>• Watering per plant</li> <li>• Maintenance of plants and survival ensuring, replacement of dead plants with new @Rs 200 per unit.</li> <li>• Transportation and fixing of tree guards &amp; fencing.</li> </ul>	570,000/-	76000/-
	Total amount allocated for Environment Management	12,85,000/-	396,000/-		

10	Greenbelt&Plantation	<b>Year</b>	<b>Safety zone along ML Boundary</b>		<b>Near site office rest shelter and along haul road</b>		<b>Total</b>	
			<b>Area (Ha.)</b>	<b>No. of Trees</b>	<b>Area (Ha.)</b>	<b>No. of Trees</b>	<b>Area (Ha.)</b>	<b>No. of Trees</b>
		<b>Existing</b>	-	-	-	-	-	-
		<b>I</b>	<b>0.08</b>	<b>80</b>	<b>0.10</b>	<b>100</b>	<b>0.18</b>	<b>180</b>
		<b>II</b>	<b>0.10</b>	<b>100</b>	<b>0.10</b>	<b>100</b>	<b>0.20</b>	<b>200</b>
		<b>III</b>	<b>Maintenance</b>	-	<b>Maintenance</b>	-	-	-
		<b>IV</b>	<b>Maintenance</b>	-	<b>Maintenance</b>	-	-	
		<b>V</b>	<b>Maintenance</b>	-	<b>Maintenance</b>	-	-	
		<b>Total</b>	<b>0.18</b>	<b>180</b>	<b>0.20</b>	<b>200</b>	<b>0.38</b>	<b>380</b>
<ul style="list-style-type: none"> <li>• Total plantation will be developed by the lessee in 0.38 ha area which is about 33 % of total ML area.</li> <li>• Greenbelt/plantation will be developed over an area of 0.38 ha out of which 0.18ha will be in safety zone along ML boundary, about 0.20 ha area will be along haul road, near rest shelter and site office with in ML.</li> <li>• Other than the above, about 262 saplings will be planted over the backfilled area of 0.2611 ha till the end of life of mine and it will be ensured that after ceasing mining operations re-grassing of the mining area and any other area which may have been disturbed due to the mining activities is done and will restore the land to a condition which is fit for growth of fodder, flora, fauna etc. as per the MoEF&amp;CC O.M vide No. 22-34/2018-IA.III dated 16th Jan 2020.</li> <li>• Species proposed are Neem (<i>Azadirachta indica</i>), Pipal (<i>Ficus religiosa</i>) Aam (<i>Magnifera Indica</i>) etc.</li> <li>• Survival rate will be ensured upto 80-85 %.</li> <li>• Proper fencing/tree guards will also be provided and arrangements for watering, weeding, manure will be provided.</li> <li>• Adequate measures will be adopted to restore the mined out area by plantation and vegetation in all possible manner to maximum extent.</li> </ul>								
11	Budgetary breakup for labour	Total cost allocated for labour is Rs82,000/- per annum						
		<b>S.</b>	<b>Facility Provided for Laborers</b>			<b>Capital Cost</b>	<b>Recurring</b>	

No.		in Rs.	Cost in Rs.
1	Rest Shelter	30,000	7500
2	Safe Drinking Water	15,000	1000
3	Sanitation Facility	20,000	1,000
4	Periodical medical examination per year @ 500 Rs. per labour	-	5000
5	Fuel for cooking (LPG Cylinder)	10000	4500
6	Education for children of labors @2,400 per labor	-	24,000/-
7	Provision for personal protection equipment (PPEs) like ear plug, dust mask, Helmet, Shoes etc. for 10 workers	-	-
	Safety shoes Rs.350 (2 times year)	-	7000
	Hand Gloves @ Rs. 300 (2 times year)	-	6000
	Dust mask @ Rs.25 (2 times in month)	-	6000
	Ear plug @ Rs. 25 (2 times in month)	-	6000
	Helmets @ Rs.450 (1 times/ year)	-	4000
8	First Aid Box	5000	5000
9	Fire Safety	20,000	5,000
	Total Amount allocated for OHS of workers	1,00,000/-	82,000/-
12	Present Status of M.L.	Apply For EC	

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

**Add.Agenda no.09.File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. B2(22379)/ 2022-23**

**Project Name-**

Environmental Clearance for proposed Masonry Mining Project, M.L No. 43/2022, Plot No.- 55, Mine Lease area-1.3041 Hectare, Proposed Production Capacity- 119125 (TPA) ROM, {Saleable - 95300 TPA & waste- 23825 TPA}. Khasra No. 455 Village-Bakliyawas, Tehsil-Merta, District- Nagaur, Rajasthan (**Proposal no.401332**)

**Project Proponent Name-**

M/s A.R.G. Enterprises ,Prop. Shri Harshit Godara S/o Shri Amra Ram Godara, Address- B-11, Shramikpura, Masuriya Jodhpur, District- Jodhpur, Rajasthan,  
Email- [argenterprises2023@gmail.com](mailto:argenterprises2023@gmail.com)

**Name of Consultant-**

M/s Vibrant Techno Lab Private Limited, Add-Plot No.SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur, Rajasthan,  
Email- [Vibranttechnolab@Gmail.Com](mailto:Vibranttechnolab@Gmail.Com)

**The project details so far-**

The Committee considered/examined the project proposal in its meeting 5B.42<sup>nd</sup> meeting held on **28<sup>th</sup> Feb, 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 9<sup>th</sup> March, 2023** in the presence of PP and his Consultant.

The PP has submitted application for EC of aforementioned project hence it is covered under B2 category.

The SME, Ajmer vide order dated 18.08.2022 has issued LoI to the PP for mining of Masonry stone having validity till 18 months. The Mining Plan has been approved by the SME, Ajmer vide letter dated 07.09.2022 Also, AME, Gotan vide certificate dated 23.08.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF, Nagaur vide certificate dated 23.08.2022 has stated that there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine& there are no forest land within 500.0 meter periphery of mine.

The AME, Gotan vide certificate dated 23.08.2022 has stated that as per the MoEF& CC notification, dated 01.07.2016 there is no other mining lease within the periphery of 500 meter and therefore, there is no cluster formation.

The Committee observed that the instance case of B2 category and Cluster Certificate is older than six months. .

The Committee, therefore, resolved to ask the PP to submit certificate from competent authority regarding present status of cluster formation (cluster certificate) ADS/QL was issued vide letter dated 20.02.2023.

**Observations and Resolution of the committee:-**

The PP, in response to the query letter dated 20.03.2023 has submitted reply vide letter received on dated 04.04.2023. The Committee in its **5B.45<sup>th</sup>** meeting held on **10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> April, 2023** considered the reply.

The PP, in compliance of the query has submitted following documents-






1. The revised cluster certificate issued by AME, Gotan vide letter dated 24.02.2023 states that as per the MoEF & CC notification, dated 01.07.2016 that the total area of all the mining leases in the cluster area is 3.7067 Hectare

***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, Mining of Mineral
2.	Location of Project	Near Village– Khajwana, Tehsil– Mundwa, District– Nagaur (Rajasthan)
3.	Project Details M.L. No. /Production capacity	“Masonry Stone(Minor mineral) mining project” [M.L. No-43/2022, Plot No-55, Khasra No-455] over an area 1.3041 Hectare with Proposed Production capacity– 1,19,125 TPA (ROM) {Saleable- 95,300 TPA, Waste–23,825 TPA} located Near Village– Bakliyawas, Tehsil– Merta, District–Nagaur (Rajasthan) by <b>A.R.G. Enterprises , Proprietor- Shri Harshit Godara.</b> Khasra No.- 455
4.	Project Cost :	Rs 78.50 Lakhs
5.	Water Requirement & Source	3.0 KLD (Tanker Water Supply from nearby village)
6.	Fuel & Energy	150-180 Litre/day Fuel will be required for mining machineries.
7	Application No.& Date & documents submitted	Online Submitted to SEIAA, Proposal no:- SIA/RJ/MIN/401332/2022 dated- 26.09.2022.
8	Information about Aravalli Certificate	SME/Gotan/MACHI/Minor/ M.L. No-43/2022/1606 dated: 23.08.2022.
9	Date of Air/Water/Noise Monitoring	Environment Monitoring was carried out by NABL approved laboratory.
10	Information about 500m Composite Map	30/320/24/02/2023 dated 24/02/2023

**Environment Sensitivity:-**

1	Nearest Village	Bakliyawas village at a distance of 1.70 km in S direction from the mine site.
2	Nearest Railway Station	Jogi Magra railway station at a distance of 2.60 Km N direction from the mine site.
3	Nearest Airport	Jodhpur Airport at a distance of 88.60 Km in SW direction from the mine site.

4	Nearest National/State Highway	 MDR-58 at a distance of 1.15 Km S direction from the mine site.  MDR-75 at a distance of 8.40 Km SW direction from the mine site.  SH-39 at a distance of 9.85 Km NE direction from the mine site.	
5	Archaeological Important Place	No any Archaeological Important Place exist within 10 km distance from the periphery of lease area.	
6	Ecological Sensitive Park, Wildlife Sanctuary, Reserve etc.)	No any Ecological Sensitive Park, National Park or Wildlife sanctuary Conservation Reserve etc are exist within 10 km radius of mining lease area.	
7	Nearest River / water body	 Ban ka Bal a Nadi 8.20 Km. S direction from the mine site.  Jojr i Nadi 14.0 Km. S direction from the mine site.	
8	Reserved/Protected Forests	No any Ecological Sensitive Park, National Parks, Reserve forest , Protect Forest etc. are exist within 10 Km radius of the mine site.	
9	State, National boundaries	None within the study area.	
11	Environment Management Plan		
	<b>Sr. No.</b>	<b>PARTICULAR</b>	<b>CAPITAL COST (IN RS.)</b>
	1	Water sprinkle facility on haul roads to prevent dust suppression.	40,000/-
	2	Maintenance of approach road	50,000/-
	3	Pollution Monitoring of Ambient Air, Noise, Water & Soil Quality	80,000/-
	4	Plantation/Green Belt & maintenance	3,71,000/-
	5	Wire fence around mining pits	5000/-
	6	Occupational health check-up in a year	15,000/-
	7	Provision of PPES (helmet shoes gloves goggles etc.)	47,000/-
	9	Emergency rescue fire fighting equipments and first aid	5,000/-
	10	Rainwater harvesting in nearby Govt. School/PHC Centre & Gram Panchayat	30,000/-
	11	Installation of Modular STP with capacity of 2 KLD.	30,000/-
	12	Construction of Garland drains & Settling tank and Safety walls	5,000/-
	13	Hazardous waste management and municipal solid waste management.	20,000/-
	<b>TOTAL</b>		<b>6,98,000/-</b>
12	Green Belt/ Plantation		

Year	Plantation on safety zone (7.5 Meter)		Cost of sapling along with maintenance		Name of species	Places of plantation
	Area (Ha.)	No. of Trees	Capital cost in	Recurring cost in		
			Rs.	Rs./yr.		
2023-24	0.215	215	(Plant Cost- 300/-) 1,54,800/- (Tree Guard Cost-500/ 2,15,000/-	Maintenance/ Watering/ Manuring Cost- 3,01,000/- (Rs. 700/-per plant)	Neem, Pilu, Khejri, Rohida ,&other native species suggested by forest officials	Plantation will be done inside the lease area in 7.5 m safety zone boundary
2024-25	0.215	215				
	Replacement of Non- Survival Species @ 20 % i.e. 43 Nos. (2023-24)					
2025-26	Replacement of Non- Survival Species @ 20 % i.e. 43 Nos. (2024-25)					
2026-27	Maintenance/Watering/Manurin					
2027-28	g					
Total	Plantation at safety zone		3,69,800/-	3,01,000/-		
	0.43	430				
Additional Plantation at the Periphery of the connecting unpaved road nearby mine site (100 Tress)			86,000/-	70,000/-		
Total			455,800/- Says 4,56,000/-	3,71,000/-		

Total 33% of the lease area (i.e. 0.43 ha) will be developed as greenbelt at 7.5 meter safety zone of lease area.

- ✿ Total 430 Plants will be planted at 7.5 meter safety zone of lease area.
- ✿ About 1000 trees will be planted per hectare.
- ✿ Size of Pit (in Cm)-50x50x50
- ✿ Species will be planted as per greenbelt development program & suggested by forest officials.
- ✿ Regular maintenance will be done by Project Proponent to protect the saplings.

***In addition of proposed greenbelt development, The Mining Lease Holder will also be develop greenbelt (100 trees) at the Periphery the connecting unpaved road nearby mine site.***

The Project Proponent assured that the trees cutting will be avoided as much as possible at any stage of mining. If there will a possibility of trees cutting during the mining operation, then instead of 1 tree, 10 trees would be planted on outside the lease area i.e. School/village road/ village public places etc. & such information shall be submitted to respective authority during post EC compliance.

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. as per MoEF&CC O.M. dated 16.01.20***

13	Budgetary Breakup for Labour			
<b>Proposed Budget for Labour Welfare</b>				
<b>Sr.No.</b>	<b>Particulates</b>	<b>Capital Cost (in Rs.)</b>	<b>Recurring Cost (in Rs./Yr.)</b>	
1.	Rest Shelter (15 X 20 Feet)	2,00,000	5,000	

2.	Drinking water facility	-	10,000
3.	Toilet Facility (2 units for Male & Female) { Standard cost breakup for construction a Toilet- Construction cost (bricks, Cement, Sand, Door, Tiles, PVC pipes material, Toilet Sheet, preparation of savage tank & soakpit-20000 Labour cost-6000 Maintains cost-2000 Standard size-7x5 Foot}	60,000	2,000
4.	Fuel for cooking	-	15000
5.	Medical facility for labors (First Aid Box)	-	5000
6.	Provision for personal protection equipment (PPEs) like ear plug, Face mask, Helmet, shoes etc., for 10 workers Safety shoes @1000 Rs (1 times/year) – Rs. 10,000 Hand Gloves @300 Rs (3 times/year) – Rs. 9,000 Face mask @50 Rs (2 times in month) – Rs. 12,000 Ear plugs @50 Rs (2 times in month) – Rs. 12,000 Helmets @ 450 Rs (1 time in year) – Rs. 4500	--	47,500
7.	Periodical health check-up once in years @ 1500		15,000
8.	Fire safety		10,000
9.	Training & awareness camps will be conducted for workers for safe & sustainable mining	--	10,000
<b>Total</b>		<b>2,60,000/-</b>	<b>1,19,500/- (say 1,20,000/-)</b>
14	Present Status	New Mining Project	

The Committee upon appraisal of the project in the light of information contained in Form-1, CAF, 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 aforementioned project with the stipulation that the PP shall abide by the annual production scheduled 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 Committee also resolved to recommend to SEIAA to impose following additional condition.

1. The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project.
2. Blasting and use /types of equipment shall be strictly as permitted as per proposed plan/ pattern in the Noise and Vibration/ Blasting and Vibration Study Report.
3. The PP shall abide by all recommendations / mitigation measures/ restoration measures of Noise and Vibration/ Blasting and Vibration Study Report.

**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 2<sup>nd</sup> August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.
- iii. The 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 2<sup>nd</sup> August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
- iv. 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. The Mining Department will ensure that while executing the mining lease, if the mining lease forms a cluster of total area of more than 5.0 ha, in accordance with EIA notification dated 15.01.2016 and 01.07.2016, then such mining lease will be executed/ registered only after public hearing has taken place for the entire cluster and there has been EIA/EMP study of the entire cluster. The Mining Department will further ensure that revised EC is also obtained by such mining lease holder (s) in the cluster.

- 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 30<sup>th</sup> day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company/ 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. PMI 0, PM2.5, NO<sub>2</sub>; CO and SO<sub>2</sub> 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 PM<sub>10</sub> and PM<sub>2.5</sub> 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 conform 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 a 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 OMs dated 30.5.2018, 4.7.2018 of the MoEF & CC :**

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

**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 2<sup>nd</sup> August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. before grant of ToR/ EC the undertaking inter-alia include commitment of the PP not to repeat any such violation 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 2<sup>nd</sup> August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.
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 2<sup>nd</sup> August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

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
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