

**Minutes of the 5A.42<sup>nd</sup> Meetings of the State Level Expert Appraisal Committee -1 (SEAC-1), (Raj.), held on 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December, 2022.**

The **5A.42<sup>nd</sup>** Meeting of the members of State Level Expert Appraisal Committee-1 (SEAC-1), Rajasthan constituted by GoI Notification dated 12.10.2021 was **held on 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December, 2022.**at **10:30 AM** under the Chairmanship of Sh. S.K. Solanki. The names of the members who attended the meeting are as follows:-

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>	<b><u>21.12.2022</u></b>	<b><u>22.12.2022</u></b>	<b><u>23.12.2022</u></b>
<b>1</b>	Shri S.K. Solanki	<b>Chairman</b>	<b>Attended</b>	<b>Attended</b>	<b>Attended</b>
<b>2</b>	Shri Shafaat Husain	<b>Member</b>	<b>Attended</b>	<b>Attended</b>	<b>Attended</b>
<b>3</b>	Shri Mani Ram Poonia	<b>Member</b>	<b>Attended</b>	<b>Attended</b>	<b>Attended</b>
<b>4</b>	Dr. Banna Ram Panwar	<b>Member</b>	<b>Attended</b>	<b>Attended</b>	<b>Attended</b>
<b>5</b>	Shri Gaj Singh Goyal	<b>Member</b>	<b>Attended</b>	<b>Attended</b>	<b>Attended</b>
<b>6</b>	Shri Ajit Pratap Singh	<b>Member</b>	<b>Attended</b>	<b>Attended</b>	<b>Attended</b>
<b>7</b>	Shri K.R. Genwa	<b>Member</b>	<b>Attended</b>	<b>Attended</b>	<b>Attended</b>
<b>8</b>	Dr. Vijay Singh Panwar	<b>Member</b>	-	-	-
<b>09</b>	Shri Rakesh Gupta	<b>Member Secretary</b>	<b>Attended</b>	<b>Attended</b>	<b>Attended</b>

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

The SEAC-1 considered the agenda containing 18 project proposals, with the permission of Chairman, SEAC-1 as per details given below:

<b>S.No</b>	<b>SEAC No.</b>	<b>Project Name</b>	<b>Project Proponent &amp; Consultant Name</b>	<b>Presentation</b>
<b>1.</b>	21900	Environment Clearance for Expansion of Quartz, Feldspar Mining Project, M.L. No. 86/2004, mine lease Area% 4.2086 hectare located at Khasra No. 371, 433, 434, 374, 376, 377, 378, 418, 430, 432, 885/378, 417, 419 & 375 Near Village : Shambhupura, Tehsil: & District Rajsamad Rajasthan.(Proposal No.276903 )	<b>Project Proponent Name :</b> SONI MINERAL AND MINING, LAKHAN SONI, (PARTNER) Address; Village Sambhupura, Tehsil Amet, District- Rajsamand, Rajsamand,Rajasthan, <b>Email-</b> sonimineralsm@gmail.com <b>Name of Consultant:-</b> Fulgro Environmental & Engineering Services India Pvt. Ltd., Add-27, Ashok Vatika, Khatipura Road, Jhotwara, Jaipur, (Raj.) Email:- info@fulgro.in,	EC
<b>2.</b>	21901	Environment Clearance for "Expansion of Quartz &	<b>Project Proponent Name :</b> Sharvan Gurjar, (Project Proponent) Address;	EC

		Feldspar & Mineral Inclusion of Granitic Mining Project, M.L. No. 100/2011", having mine lease area: 4.9052 hectare located at Khasra No.-568, 570, 578, 581 near Village-Khera, Tehsil-Amer, District-Rajsamand (Raj.)(Proposal No.275889 )	R/O -Charbhuj Temple K Pass Bhurwara, Deogarh, Tehsil Deogarh , District Rajsamand, (Raj.) <b>Email-</b> karmbhoomi.ec@gmail.com <b>Name of Consultant:-</b> Fulgro Environmental & Engineering Services India Pvt. Ltd., Add-27, Ashok Vatika, Khatipura Road, Jhotwara, Jaipur, (Raj.) Email:- info@fulgro.in,	
3.	21959	EC for Proposed Masonry Stone Mining Project, Plot No.- 39, Area- 1.5184 Ha., Near Village- Chhapoli ,Tehsil – Udaipurwati, District – Jhunjhunu(Rajasthan) of Shri Shrivardhan Rathi S/o Shri Pradeep Rathi.(Proposal No-289971)	<b>Project Proponent name -</b> Shri Shrivardhan Rathi,Address-House No.26-A,Sadhna Enclave,Near Malviya Nagar South, Delhi-110017 <b>Consultant Name:-</b> 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	EC
4.	21928	EC for Proposed Masonry Stone, Quartz & Feldspar Mining Project; M.L. No.- 14/2021, Reference no.:- 20211000046253, Khasra No.- 1528, 1661/1528, 1572/1528; Area: 1.3253 Hect. (Pvt. Land); Near Village:- Kharwaron ka Guda, Tehsil:- Mavli, District:- Udaipur (Raj.) in favor of Shri Ganpat Singh Rao S/o Shri Mohan Singh Rao & Co-applicant Shri Dinesh Bhimji Bhai Rampuriya S/o Shri Bhimji Bhai Rampuria.(Proposal No-401579)	<b>Project Proponent name -</b> Shri Ganpat Singh Rao S/o Shri Mohan Singh Rao & Co-applicant Shri Dinesh Bhimji Bhai Rampuriya S/o Shri Bhimji Bhai Rampuria.,Address-393/6,Chanakyapuri, J.J. Hospital, Ghati Andiya Ahamdabad (Gujrat),Email-ganpat.2022rao@gmail.com <b>Name of the Consultant :-</b> vitasta Enviro Services pvt.ltd ,jaipur,Email-vitastaenviro@hotmail.com	EC
5.	21932	Environmental Clearance for Granite Mining project of Shri Arvind Kumar Jakhar, near village-Khudiyala, Tehsil-Mozmabad, District-Jaipur, Rajasthan for lease Area 1.7002 Ha., Ref. No. 20221000051154.(Proposal No-290303)	<b>Project Proponent name -</b> Shri Arvind Kumar Jakhar,Address-S/o Bhagwan Sahay, Kanaram Nagar, Sikar Road, 237, Dehar Ke Balaji, Jaipur,Rajasthan,Email-arvind51154@gmail.com <b>Name of the Consultant :-</b> vitasta Enviro Services pvt.ltd ,jaipur,Email-vitastaenviro@hotmail.com	EC
6.	21933	EC for Sandstone Mining Project; Plot No. 15 Khasra No.: 553 Area - 1.00 Ha. Near Village- Kasti, Tehsil - Baodi, District – Jodhpur (Rajasthan) of Smt. Mamta Naruka W/o Shri Bhupendra Singh Naruka,(Proposal No-289945)	<b>Project Proponent name -</b> Smt. Mamta Naruka W/o Shri Bhupendra Singh Naruka R/o: 2K16, Aravali Vihar, Alwar (Raj.) Email id: - mamtanaruka5500@gmail.com <b>Name of the Consultant :-</b> vitasta Enviro Services pvt.ltd ,jaipur,Email-vitastaenviro@hotmail.com	EC

7.	21934	Environmental Clearance of Granite Mining project of Shri Hari Singh, near village-Lisana, Tehsil-Kishangarhbas, DistrictAlwar, Rajasthan for lease Area 1.0612Ha., Ref. No. - 20211000034108. (Proposal No-289845)	<b>Project Proponent name</b> -Shri Hari Singh,Address-353, Goleta, Alwar,,Alwar,Rajasthan,Email-harisingh3418@gmail.com <b>Name of the Consultant</b> :-vitasta Enviro Services pvt.ltd ,jaipur,Email-vitastaenviro@hotmail.com	EC
8.	21937	EC for Masonry Stone, Soap Stone & Dolomite Mining Project; M.L. No.- 13/2022, Reference no.:- 20221000056620, Khasra No.:- 3789/3511,3790/3694, 3849/3511; Area: 1.7768 Hect. (Pvt. Land); Near Village:- Kaloda, Tehsil:- Badgaon, District:- Udaipur (Raj.) in favor of Shri Sunil Sahu S/o Shri Madanlal Sahu.(Proposal No-402277)	<b>Project Proponent name</b> -Shri Sunil Sahu S/o Shri Madanlal Sahu,Address-42,Kan Nagar, Near Baroda Nursery, Hiran Mangri Sector No.-8, Tehsil - Girwa, District - Udaipur (Raj.),Email-sunil.2022lal@gmail.com <b>Name of the Consultant</b> :-vitasta Enviro Services pvt.ltd ,jaipur,Email-vitastaenviro@hotmail.com	EC
9.	21966	EC of our Granite Mining Project; ML. No .06/2022; Area: 2.46 Hect.:(Pvt. Land); Khasra No.- 814/454, 816/455 Near Village:- Rajyas, Tehsil - Gangrar, District - Chittorgarh (Raj .).in favor of M/s. Mateshwari Minerals.(Proposal No-289061)	<b>Project Proponent name</b> - M/s MATESHWARI MINERALS, Address-Near Village:- Rajyas, Tehsil - Gangrar, District - Chittorgarh (Raj .),Email-2022.mateshwariminerals@gmail.com <b>Name of the Consultant</b> :-vitasta Enviro Services pvt.ltd ,jaipur,Email-vitastaenviro@hotmail.com	EC
10.	21925	Environmental Clearance for Quartz, Feldspar & Masonry Stone Mining Project (ML Area 4.8599 ha and ML No-07/1999) With Enhancement in production capacity of 100328 TPA (ROM) to 432550 TPA (ROM) located Near Village- Tiwari Ki Dhani, Tehsil- Khandela (Shrimadhopur), Distt- Sikar (Rajasthan) by Smt. Usha Sharma W/o Shri Bhawani Shankar Sharma.(Proposal No-271437)	<b>Project Proponent name</b> - Smt. Usha Sharma W/o Shri B.S. Sharma,Address-Village-Tiwari ki Dhani, Tehsil-Khandela, District-Sikar (raj.),Email-ushasharma7199@gmail.com <b>Consultant Name</b> :- 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
11.	21935	EC for Sand Stone Mining Project (Q.L. Area 1.0 ha and Plot No.- 169) with production capacity of 50,749 TPA located Near Village Khirja Fatehsingh, Tehsil- Shergarh, District – Jodhpur (Rajasthan) by Sh. Chelaram Mundan S/o Sh. Sidha Ram,(Proposal No-402037)	<b>Project Proponent name</b> - Sh. Chelaram Mundan S/o Sh. Sidha Ram,Address-N/v- Khirja Fatehsingh, Tehsil-Shergarh,District-Jodhpur(Raj.),Email-chelaramm2022@gmail.com <b>Consultant Name</b> :- MANTRAS GREEN RESOURCES LTD Hall No.- 1 NICE Sankul Plot No.- A-9, Opp. Nasik Marchant Co Op Bank	EC

			Ltd, ITI Signal, MIDCSatpur, Nasik). email:- mantrasjaipur@gmail.com	
12.	21958	For EC Quartz & Feldspar Mining Lease (M.L. No. 32/04, Area: 4.73 ha) Production capacity: 2,78,460 TPA (ROM) (Quartz & Feldspar: 2,22,770 TPA and waste: 55,690 TPA) At Khasra No. 746 near Village- Buchara, Tehsil- Kotputli, District- Jaipur (Rajasthan)(Proposal No- 83131)	<b>Project Proponent name</b> - M/S NARAYAN MINERALS,Address- Village- Ajeetpura Kalan, Post- Kujota, Tehsil- Kotputli, Dist.- Jaipur, Rajasthan,Email- narayanminerals086@gmail.com <b>Consultant Name:-</b> 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
13.	21923	EC for Granite (Minor Mineral) Ref. No.- 20221000059191(M.L. No – 08/2022) & Khasra No.- 398/1 over an area – 1.805 Hectare located Near Village-Kila, Tehsil–Dudu, District – Jaipur (Rajasthan) with proposed Production capacity - 172012.5 TPA (ROM) {Saleable Granite- 86006.25 TPA & Waste- 86006.25 TPA} by Shri Gajendra.(Proposal No- 401003)	<b>Project Proponent name</b> -Shri Gajendra S/o Shri Jivraj, R/o- Gram- Muhana, Tehsil- Sanganer, DistJaipur (Raj) ,Email- gajendragranite@outlook.com <b>Name of Consultant:-</b> M/s Atmos Sustainable Solutions Pvt. Ltd. Address- A-73, 3rd Floor, Sector 65, Noida, UP Email- vibranttechnolab@gmail.com	EC
14.	21926	EC for Quartz and Feldspar (Minor Mineral) mining project M.L No- 11/2022 & Khasra No.- 961 and 965 over an area – 2.7127 Hectare located Near Village- Panund, Tehsil– Kanore, District – Udaipur (Rajasthan) with proposed Production capacity – 2,63,515 (ROM) {Saleable Mineral- 2,08,202 TPA, Waste- 26,025 TPA, Subgrade- 26,025 TPA & Overburden- 3,263 TPA } proposed by Shri Ajay Kumar Dubey.(Proposal No-401417)	<b>Project Proponent name</b> - Shri Ajay Kumar Dubey,Address-R/o 3, Vikas Nagar, Senti Bypass Road, Madhuban, Dist Chittorgarh (Rajasthan) ,Email- ajaykumardubeyecb2@rediffmail.com <b>Name of Consultant:-</b> :- M/s Atmos Sustainable Solutions Pvt. Ltd. Address- A-73, 3rd Floor, Sector 65, Noida, UP Email- vibranttechnolab@gmail.com	EC
15.	21938	EC for Masonry Stone Mining Project, Ref. No.- 20211000043197,Khasra No. 2085/1170, 2076/1170 Area – 1.3727 Ha. Near Village – Devriya, Tehsil– Talera, District – Bundi, Rajasthan of Shri Gaurav Pareta S/o Shri Shyam Sunder Pareta. (Proposal No-277505)	<b>Project Proponent name</b> -Shri Gaurav Kumar Pareta,Address-223, Main Bazar, Ganeshganj, District- Kota, Rajasthan,Email- gauravpareta97@gmail.com <b>Name of Consultant:-</b> M/s Atmos Sustainable Solutions Pvt. Ltd. Address- A-73, 3rd Floor, Sector 65, Noida, UP Email- vibranttechnolab@gmail.com	EC
16.	21963	EC for Quartz & Felspar M.L. No.- 17/2019 & Khasra No.-	<b>Project Proponent Name</b> -Shri Banveer Singh, Address- Baghsuri,	EC

		1669, 1658/4275, 1600, 1655, 1659, 1668, 1667 over an area – 1.00 Hectare located Near Village- Baghsuri, Tehsil– Nasirabad, District – Ajmer (Rajasthan) with proposed Production capacity -38640 TPA (ROM) {Top Soil- 20700 TPA & Waste- 17940 TPA} by Shri Banveer Singh S/O Shri Devendra Singh.(Proposal No-270151)	Tehsil -Nasirabad, District- Ajmer, Rajasthan,Email- banveerb2@yahoo.com <b>Consultant Name:-</b> M/s Atmos Sustainable Solutions Pvt. Ltd. Address- A-73, 3rd Floor, Sector 65, Noida, UP Email- vibranttechnolab@gmail.com	
17.	21962	Environmental clearance for inclusion of Rhyolite(Masonry)Mineral in existing project Rhyolite(Chips & Powder) Mining Project, M.L. No-562/2009, production capacity- 56625 Ton(ROM) to 60140 Ton (ROM){Rhyolite-42098T & Reject/Waste-18042T} Area :- 1.0 hect. .(Pvt. Land), of applicant Shri Surendra Singh Kachhawaha S/o Shri Bhagwan Singh Kachhawaha.; R/o.- Cholawato ka bera, Pipar City, District.- Jodhpur Rajasthan.(Proposal NO-284727)	<b>Project Proponent name -</b> Shri Surendra singh Kachhawah, Address- Bakaliya, Tehsil- Bilara, Distt.- Jodhpur,Rajasthan,Email- kachhawahsurendrasingh@gmail.com <b>Name of Consultant:-</b> VARDAN ENVIRONET, Add: D-142, Sushant Lok-III, Sector-57, Gurgaon-122003 (Haryana). email:- jaipur@vardanenvironet.com	EC
18.	21971	Environmental Clearance for our proposed commercial complex project "Pink City Walk" coming up at Plot no. BC-09 & BC-10, Scheme Central Spine, Jagatpura, Jaipur (Raj.) promoted by Shiv Sital Builders Private Limited. (Plot Area: 17,471.85 Sq.m; Built up Area: 1,12,217.69 Sq.m): a violation case.(Proposal NO-284063)	<b>Project Proponent Name:-</b> Shri Ajay Gupta,  Shiv Sital Builders Private Limited.Address-102,Golden fortune Appartment, Opp.Jda, Bapu Nagar, Jaipur,Rajasthan,Email- ajay@manglamgroup.com <b>Name of Consultant:-</b> Enkay Enviro Services PVT.LTD.Jaipur Add.- Corporate Officer Add.- 92 Heera nagar A ,Nearshalimar Bagh, Ajmer Road, Jaipur(Raj.) Email.- info@enkayenviro.com	EC
19.	<b>Agenda Item-Consideration of Reply of query Letters as per the record of SEAC</b>			

After examination and appraisal of the projects on the basis of the documents & information contained therein and information provided during presentation by the PP and their consultants and required due deliberations, the committee resolved to 01,02,03,04,05,07,08,09,11,13,14,15,16,17,18,Add.1 with appropriate conditions as recommended in the detailed minutes of the respective agenda items.

1. Recommend to SEIAA for grant of ToR to the proposals Nil .
2. Recommend to SEIAA for Reject to the proposals Nil
3. Defer the proposal(s) listed at Serial no. 10 to be considered in subsequently proposed meetings after receipt of the request from Project Proponent /Consultant.
4. Recommend to SEIAA to close & delist the proposals Nil.
5. Dropped the proposal(s) NIL.
6. Recommend to SEIAA for amendment in EC/ToR granted/change in name for proposals NIL.
7. Issue query/seek additional information with respect to the proposals listed at serial no. 06,12 to be re-examined in the forthcoming meetings of the SEAC upon receipt of the reply from PP/consultant.
8. Issue the warning letter to Project Proponent/ Consultant of the proposals Nil.
9. Further in addition to above committee resolved Nil Proposal having file No. Nil, for re-query/ under consideration as the reply given by the PP is not found satisfactory.

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

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Signatures</b>
1	Shri S.K. Solanki	Chairman	
2	Shri Shafaat Husain	Member	
3	Shri Mani Ram Poonia	Member	
4	Dr. Banna Ram Panwar	Member	
5	Shri Gaj Singh Goyal	Member	
6	Shri Ajit Pratap Singh	Member	
7	Shri K.R. Genwa	Member	
8	Dr. Vijay Singh Panwar	Member	
9	Dr. Nand Kumar	Co-opted Member	
10	Shri Rakesh Gupta	Member Secretary	

**Agenda no. 01. File no. F1 (4)/SEIAA/SEAC-Raj/Seectt/Project / Cat. B2(21900)/ 2022-23**

**Project Name:-** Environment Clearance for Expansion of Quartz, Feldspar Mining Project, M.L. No. 86/2004, Mine lease Area- 4.2086 hectare, Proposed Production Capacity- 2,25,000 TPA (ROM) (Saleable Quartz- 36000 TPA, Saleable Feldspar- 1,44,000 TPA, Mineral Waste- 22,500 TPA & Subgrade- 22,500 TPA), with Proposed Crusher M-Sand/Crusher Plant(Capacity)- 50 TPH, Khasra No.- 371, 433, 434, 374, 376, 377, 378, 418, 430, 432, 885/378, 417, 419 & 375,Address:Village-Shambhupura, Tehsil- Amet & District -Rajsamand Rajasthan (**Proposal No. 276903**).

**Project Proponent Name-** M/s Soni Mineral and Mining, (Partnerd) -1. Sh. Lakhani Soni S/o Sh. Kailash Ji Soni 2. Smt. Rajeshwari Soni W/o Sh. Kailash Ji Soni, Address- NH-08, Kajiya Ghati, Nathdwara, District-Rajsamand, Email- sonimineralism@gmail.com.

**Consultant Name:-**Fulgro Environmental and Engineering Services India Pvt Ltd, Address- 27, Ashok Vatika, Khatipura Road, Jhotwara, Jaipur (Raj.), Email:- info@fulgro.in

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

1.	Category / Item no. (in Schedule):	1 (a) /Category-B2		
2.	Location of Project	Near Village: Shambhupura, Tehsil: Amet & District: Rajsamand, Rajasthan		
3.	Project Details REF. No./Production capacity	M.L. No. 86/2004 <b>Proposed Production capacity:</b> 2,25,000 TPA (ROM) (Saleable Quartz- 36,000 TPA, Saleable Feldspar- 1,44,000 TPA, Mineral Waste-22,500 TPA & Subgrade- 22,500 TPA) Proposed Crusher : 50 TPH		
4.	Project Cost	Rs. 4.00 Crore		
5.	Water Requirement & Source	Total Water Requirement: 7.616 KLD Source: Water will be made available from nearby village Shambhupura through water tanker supply.		
6.	Fuel & Energy: -	Diesel operated machinery will be used and will be taken care by the contractor itself. If required Electricity connection will be taken from concerned electricity department.		
7.	Application No. & Date & documents submitted: -	Online Proposal No. SIA/RJ/MIN/276903/2022 dated 7 June 2022 Documents: FORM-I & PFR along with approved mining plan & all the requisite documents for grant of EC have been submitted.		
8.	Information about Aravalli Certificate.	Aravalli Certificate was issued by AME, Amet vide certificate no. ME/Amet/Map/M.L. No.86/2004/397 dated 16/02/2022		
9.	Date of Air/Water/Noise/Soil Monitoring	Date of Air Monitoring: 16/03/2022 Date of Noise Monitoring: 16/03/2022 Date of Water Sampling: 16/03/2022 Date of Soil Monitoring: 16/03/2022		
10.	Information about 500 mts composite map	Cluster certificate was issued by AME, Amet vide certificate no. ME/Amet/Map/M.L. No.86/2004/329 dated- 19/12/2022		
11.	Environment Management Plan			
	<b>S. No.</b>	<b>Activity</b>	<b>Budget Allocation in Lacs. (Capital)</b>	<b>Budget Allocation in Lacs.</b>

				(Recurring)	
1	<b>Environmental Monitoring Cost</b>				
	a. Water Quality analysis		-	0.30	
	b. Air Quality Monitoring		-	1.00	
	c. Noise Pollution Monitoring		-	0.20	
2.	Water requirement Cost for Dust Suppression from Mining, crushing and Transportation activities.		-	0.52	
3.	Cost for controlling Fugitive dust sources which includes vacuum cleaning of roads, watering of roads, stock piles etc. Water Sprinkling arrangement for minimizing dust emissions during crushing operations, screening operations, transfer points. <i>Note: Crusher with Covered Conveyor belts will be installed (Cost included in project cost already) to minimize dust emissions during material handling</i>		7.75	1.00	
4.	Greenbelt/Plantation		--	4.57	
5.	Construction of Retaining wall around the waste dump		9.35	0.50	
6.	Construction and Maintenance of Haul Road		2.0	0.50	
7.	Blasting related safeguard expenses (Caution boards, Silencer Blower)		0.20	0.05	
8.	Waste Management	2.50	2.50	0.10	
		0.05	0.05	--	
		0.10	0.10	0.05	
9.	Fencing around mine pit to prevent loss of wildlife and human movement		2.87	0.20	
10.	Contribution towards construction and maintenance of the kachha roads after consultation with the concerned gram Panchayat and local people		1.00	0.20	
<b>Total</b>			<b>25.82</b>	<b>9.19</b>	
<b>Note: Proposed recurring budget mentioned at Sr. No. 1, 2 and 3 to 10 shall be continued till the end of the life of mine and proposed budget mentioned at Sr. No. 4 will be continued till the plant becomes self-sustaining.</b>					

12 Green Belt/ Plantation:

Year	Un-worked Area		Outside the mine lease area		Backfilled Area		Total	
	Area (Ha)	No. of Trees	Area (Ha)	No. of Trees	Area (Ha)	No. of Trees	Area (Ha)	No. of Trees
Existing	0.050	50	--	--	--	--	0.050	50
I	0.1714	171	0.2548	255	--	--	0.4262	426
II	0.2014	201	0.2549	255	--	--	0.4563	456
III	0.2014	202	0.2549	255	--	--	0.4563	457
IV	<b>MAINTENANCE TO BE DONE</b>				--	--	<b>MAINTENANCE TO</b>	



V					--	--	<b>BE DONE</b>	
End of life of mine					2.4041	2404	2.4041	2404
<b>Total</b>	<b>0.6242</b>	<b>624</b>	<b>0.7646</b>	<b>765</b>	<b>2.4041</b>	<b>2404</b>	<b>3.7929</b>	<b>3793</b>

**Note:** Total 3793 tress will be planted over an area of 3.7929. Presently 50 trees (namely Neem, Desi Baool, Khejri) are existing in the mine lease area 3,743 more saplings will be planted over an area of 3.7424 Ha. Out of which 574 saplings will be planted over the undisturbed area of 0.5742 Ha. within the mine lease area within the first three years and to complete 33% plantation of the mine lease area 765 more saplings will be planted outside the mine lease area in Khasra number 74 over an area of 0.8000 hectare as per the NOC from Tehsildar Amet vide letter number Rajasva/2022/893-95 dated 20-12-2022. Native species which are more suitable to the local environment will be preferred to be planted such as Neem, Mahuwa, Ber etc.

**Backfilled-** At the end of life of mine 2404 saplings will be planted over the backfilled area of 2.4041 hectare 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.

13 Budgetary Breakup for Labours

Sr. No.	Facility Provided for Laborers	Capital Cost in Rs.	Recurring Cost in Rs.
1.	Shelters, Safe drinking water, Sanitation facility	3,00,000	Maintenance Cost: 30,000
3.	Periodical medical Examination once in three years @ 1000		8000
4.	Fuel for cooking (LPG Cylinder) @ 1000.		9500
5.	Education for children of labors @ 2,400 per labor		19,200
6.	Group Insurance @ Rs. 1500 per worker	12,000	-
7.	Provision for personal protection equipment (PPEs) like ear plug, dust mask, Helmet, shoes etc., for 8 workers Safety shoes @350 Rs (2 times/year) Hand Gloves @300 Rs (2 times/year) Dust mask @25 Rs (twice in a month for 9 months) Ear plugs @25 Rs (twice in a month for 9 months) Helmets @ 450 Rs (1 time in three years)		5600 4800 3600 3600 3600
8.	First Aid Box		10,000
9.	Fire Safety	30,000	20,000
<b>Total</b>		<b>3,42,000</b>	<b>1,17,900</b>

14 Present Status Existing Mine Lease already granted EC now proposed for the Expansion for the grant of Environmental Clearance.

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>th</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for “Environment Clearance for Expansion of Quartz, Feldspar Mining Project, M.L. No. 86/2004, Mine lease Area- 4.2086 hectare, Proposed Production Capacity- 2,25,000 TPA (ROM) (Saleable Quartz- 36000 TPA, Saleable Feldspar- 1,44,000 TPA, Mineral Waste- 22,500 TPA & Subgrade- 22,500 TPA) With Proposed Crusher M-Sand/Crusher Plant(Capacity)- 50 TPH, Khasra No.- 371, 433, 434, 374, 376, 377, 378, 418, 430, 432, 885/378, 417, 419 & 375,Address:Village- Shambhupura, Tehsil- Amet & District -Rajsamand Rajasthan (**Proposal No. 276903**). The project is covered under B2 category.

This is an existing lease. Initially the mining lease for mineral Quartz and Feldspar was granted in favour of Shri Hinglal Singh Charan S/o Laxman Daan Charan vide order dated 27.04.2007 and registered on 28.04.2007 for an area of 4.2086 ha., for 30 years. As per MMDR (Amendment) ordinance 2015 and Govt, the lease validity was auto extended from 28.04.2007 for 50 years. Later on the mine lease was transferred to M/s Soni Mineral and Mining (Partner)-1. Sh. Lakhan Soni S/o Sh. Kailash Ji Soni, 2. Smt. Rajeshwari Soni W/o Sh. Kailash Ji Soni by ADM, Udaipur vide letter dated 15.03.2021.

The project being one of major mineral before 10.02.2015 with respect to Quartz, Feldspar having lease area of 4.2086 hectare, came under the purview of the EIA notification dated 07.10.2014 of the MoEF & CC. According to the certificate dated 07.04.2022 of AME, Amet, production of mineral Quartz and Feldspar in base year 2013-14 was Nil. Thereafter, production of mineral has increased from the base year production level but less than the quantity sanctioned in earlier EC dated 31.05.2016 and 13.01.2017. 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 earlier Environmental Clearance was granted in favour of Shri Hinglal Singh Charan S/o Laxman Daan Charan for mineral Quartz and feldspar, area of 4.0583 hectare, having production capacity of 14025 TPA, by DEIAA Rajasthan vide order dated 31.05.2016 and later on corrigendum in EC was taken by the PP vide letter dated 13.01.2017.

The SEIAA vide letter dated 18.07.2022 transferred the EC from Shri Hinglal Singh Charan to Sh. Lakhan Soni of M/s Soni Mineral and Mining. The SEIAA vide letter dated 20.12.2022 issued a corrigendum letter regarding transfer of EC from Shri Hinglal Singh Charan to M/s Soni Mineral and Mining.

The PP has submitted compliance report, vide letter dated 12.09.2022 of the IRO, Jaipur certifying compliance of conditions of the earlier EC issued vide letter dated 31.05.2016 & corrigendum vide letter dated 13.01.2017.

The mining plan has been approved by the SME, Rajsamand vide letter dated 23.09.2021. AME, Amet in his certificate dated 16.02.2022 has stated that the mining lease does not fall in Aravali hills.

DCF (WL), Rajsamand in his certificate dated 07.10.2022 has stated that there is no Wildlife Sanctuary/National Park/ Tiger & Elephant Reserve within 10 km periphery of the mine and the nearest distance forest block Sonariya Magra is at a distance of 8.00 km from the applied area.

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 within 10 Km from the project site.

The AME, Amet in his certificate dated 16.02.2022 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 is 4.2086 hectare.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to M/s Soni Mineral and Mining for Expansion of Quartz, Feldspar Mining Project, M.L. No. 86/2004, Mine lease Area- 4.2086 hectare, Proposed Production Capacity- 2,25,000 TPA (ROM) (Saleable Quartz- 36,000 TPA, Saleable Feldspar- 1,44,000 TPA, Mineral Waste- 22,500 TPA & Subgrade - 22,500 TPA), with Proposed Crusher M-Sand/Crusher Plant(Capacity)- 50 TPH, Khasra No.- 371, 433, 434, 374, 376, 377, 378, 418, 430, 432, 885/378, 417, 419 & 375, Address: Village- Shambhupura, Tehsil- Amet & District –Rajsamand, Rajasthan (**Proposal No. 276903**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’ and following additional condition:

1. The EC for crusher plant is not required under EIA Notification. The committee is therefore, recommending grant of EC to mine without going into the merits of crusher plant. The project proponent shall obtain necessary permissions from the concerning authority(s) prior to establishment / operation of crusher plant.

**Agenda no. 02. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21901)/ 2022-23**

**Project Name:-** “Environment Clearance for "Expansion of Quartz & Feldspar & Mineral Inclusion of Granite Mining Project, M.L. No. 100/2011", Mine Lease Area- 4.9052 hectare, Production Capacity-247420 TPA (ROM), {Recoverable Feldspar- 29747 TPA, Mineral Waste- 7498 TPA, Subgrade- 7498 TPA, Overburden- 26000 TPA, [Recoverable Granite-100000 TPA, Mineral Waste- 21428 TPA, Sub grade-21428 TPA, Overburden-28571 TPA]}, with proposed M-Sand/ Crusher Plant(Capacity)- 100 TPH, Khasra no. 568, 570, 578 & 581, Address-Village-Khera, Tehsil- Amet, District- Rajsamand (Raj.) (**Proposal No.- 275889** ).

**Project Proponent Name-** M/s Karmbhoomi Granite, Partner-1) Shri Paras mal Gurjar S/o Shri Bhairu Lal Gurjar. 2) Shri Shrawan Gurjar S/o Shri Prema Ram Gurjar, 3) Shri Gopal Singh S/o Shri Hira Singh, 4) Shri Raimal Gurjar S/o Shri Aika Ji Gurjar, 5) Shri Shankar Lal S/o Shri Shri Amra Lal, Address:Village- Khera, Tehsil- Amet, District-Rajsamand, Rajasthan, Email –sharvangurjaar998@gmail.com.

**Consultant Name:-** Fulgro Environmental and Engineering Services India Pvt Ltd, Address- 27, Ashok Vatika, Khatipura Road, Jhotwara, Jaipur(Raj.), Email:- info@fulgro.in

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

1.	Category / Item no. (in Schedule):	1 (a) /Category-B2
2.	Location of Project	Near Village:Khera, Tehsil: Amet & District: Rajsamand, Rajasthan
3.	Project Details REF. No./Production capacity	M.L. No. 100/2011 <b>Proposed Production capacity: 2,47,420 TPA (ROM)</b>  [Recoverable Quartz- 5250 (TPA) Recoverable Feldspar: 29,747 (TPA), Mineral Waste: 7498 (TPA), Sub Grade: 7498 (TPA), Overburden: 26,000 (TPA)] [Recoverable Granite: 1,00,000 (TPA), Mineral Waste: 21,428 (TPA), Sub Grade: 21,428 (TPA), Overburden: 28,571 (TPA)]  Proposed Crusher- 50 TPH
4.	Project Cost	Rs. 4.90 Crore
5.	Water Requirement & Source	Total Water Requirement: 9.70KLD Source: Water will be made available from nearby village Khera through water tanker supply.
6.	Fuel & Energy: -	Diesel operated machinery will be used and will be taken care by the contractor itself. If required Electricity connection will be taken from concerned electricity department.
7.	Application No. & Date & documents submitted: -	Online Proposal No. SIA/RJ/MIN/275889/2022dated 2June 2022 Documents:FORM-I & PFR along with approved mining plan & all the requisite documents for grant of EC have been submitted.
8.	Information about Aravalli Certificate.	Aravalli Certificate was issued by ME, Amet vide certificate no. ME/Amet/Map/M.L. No.100/2011/326 dated 19/12/2022
9.	Date of Air/Water/Noise/Soil Monitoring	Date of Air Monitoring: 04/05/2022 Date of Noise Monitoring: 04/05/2022 Date of Water Sampling: 05/05/2022 Date of Soil Monitoring: 05/05/2022

10. Information about 500 mts composite map Cluster certificate was issued by ME, Amet vide certificate no. ME/Amet/Map/M.L. No.100/2011/327 dated- 19/12/2022

11. Environment Management Plan

S. No.	Activity	Budget Allocation in Lacs. (Capital)	Budget Allocation in Lacs. (Recurring)	
<b>Environmental Monitoring Cost</b>				
1	a. Water Quality analysis	-	0.30	
	b. Air Quality Monitoring	-	1.00	
	c. Noise Pollution Monitoring	-	0.20	
2.	Water requirement Cost for Dust Suppression from Mining, crushing and Transportation activities.	-	1.16	
3.	Cost for controlling Fugitive dust sources which includes vacuum cleaning of roads, watering of roads, stock piles etc. Water Sprinkling arrangement for minimizing dust emissions during crushing operations, screening operations, transfer points. <i>Note: Crusher with Covered Conveyor belts will be installed (Cost included in project cost already) to minimize dust emissions during material handling</i>	7.75	1.00	
4.	Greenbelt/Plantation	--	5.17	
5.	Construction of Retaining wall around the waste dump	6.38	0.50	
6.	Construction and Maintenance of Haul Road	1.00	0.50	
7.	Blasting related safeguard expenses (Caution boards, Silencer Blower)	0.20	0.05	
8.	Waste Management	Installation of the modular STP for treatment of municipal sewage	2.50	0.10
		Provisions of bins and bags for municipal waste	0.05	--
		Hazardous Waste (Spent Oil generated from machinery)	0.10	0.05
9.	Fencing around mine pit to prevent loss of wildlife and human movement	3.35	0.20	
10.	Contribution towards construction and maintenance of the kachha roads after consultation with the concerned gram Panchayat and local people	1.00	0.20	
<b>Total</b>		<b>22.33</b>	<b>10.43</b>	

**Note: Proposed recurring budget mentioned at Sr. No. 1, 2 and 3 to 10 shall be continued till the end of the life of mine and proposed budget mentioned at Sr. No. 4 will be continued till the plant becomes self-sustaining.**

12. Green Belt/ Plantation:

Year	Un-worked Area		Outside the mine lease area		Backfilled Area		Total	
	Area (Ha)	No. of Trees	Area (Ha)	No. of Trees	Area (Ha)	No. of Trees	Area (Ha)	No. of Trees
Existing	0.0650	65	--	--	--	--	0.0650	65

I	0.2125	212	0.3053	305	--	--	0.5178	517
II	0.2126	212	0.3053	305	--	--	0.5179	517
III	0.2126	213	0.3054	306	--	--	0.5180	519
IV	<b>MAINTENANCE TO BE DONE</b>				--	--	<b>MAINTENANCE TO BE DONE</b>	
V					--	--		
End of life of mine					1.8515	1852	1.8515	1852
<b>Total</b>	<b>0.7027</b>	<b>702</b>	<b>0.9160</b>	<b>916</b>	<b>1.8515</b>	<b>1852</b>	<b>3.4702</b>	<b>3470</b>

**Note:** Total 3470 saplings will be planted over an area of 3.4702 hectare (More than 33% Plantation). At present there are 65 plants (namely Dhak, Khejari, Desi Babool) existing inside mine lease over 0.0650hectare area and 637 saplings will be planted over the undisturbed area of 0.6377 ha within the first three years. To complete 33% plantation of the mine lease area 916 saplings will be planted over an area of 0.916 Ha outside the mine lease area in Khasra number 533 over an area of 0.92 hectare as per the NOC from Tehsildar Amet vide letter number Rajasva/2022/892-94 dated 20-12-2022. Native species which are more suitable to the local environment are preferred to be planted such as Neem, Peepal, Mahuwa, Ber etc.

**Backfilled-** At the end of life of mine 1852 saplings will be planted over the backfilled area of 1.8515 hectare 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

13 Budgetary Breakup for Labours

Sr. No.	Facility Provided for Laborers	Capital Cost in Rs.	Recurring Cost in Rs.
1.	Shelters, Safe drinking water, Sanitation facility	3,00,000	Maintenance Cost: 30,000
3.	Periodical medical Examination once in three years @ 1000		8000
4.	Fuel for cooking (LPG Cylinder) @ 1000.		9500
5.	Education for children of labors @ 2,400 per labor		19,200
6.	Group Insurance @ Rs. 1500 per worker	12,000	-
7.	Provision for personal protection equipment (PPEs) like ear plug, dust mask, Helmet, shoes etc., for 8workers Safety shoes@350 Rs (2 times/year) Hand Gloves @300 Rs (2 times/year) Dust mask@25 Rs (twice in a month for 9 months) Ear plugs@25 Rs (twice in a month for 9 months) Helmets @ 450 Rs (1 time in three years)		5600 4800 3600 3600 3600
8.	First Aid Box		10,000
9.	Fire Safety	30,000	20,000
<b>Total</b>		<b>3,42,000</b>	<b>1,17,900</b>

14	Present Status	Existing Mine Lease already granted EC now proposed for the Expansion and inclusion of Mineral Granite for the grant of Environmental Clearance.
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### **Observations of the committee:-**

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>th</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for "Expansion of Quartz & Feldspar & Mineral Inclusion of Granite Mining Project, M.L. No. 100/2011", Mine Lease Area- 4.9052 hectare, Production Capacity-247420 TPA (ROM), {Recoverable Feldspar- 29747 TPA, Mineral Waste- 7498 TPA, Subgrade- 7498 TPA, Overburden- 26000 TPA, [Recoverable Granite-100000 TPA, Mineral Waste- 21428 TPA, Sub grade-21428 TPA, Overburden-28571 TPA]}, with proposed M-Sand/ Crusher Plant(Capacity)- 100 TPH, Khasra no. 568, 570, 578 & 581, Address-Village-Khera, Tehsil-Amet, District- Rajsamand (Raj.) (**Proposal No.- 275889** ). The project is covered under B2 category.

This is an existing lease. Initially the mine lease for mineral Quartz and Feldspar was granted in favour of Shri Dinesh Kumar Rathore S/o Bhawani Lal Ji Rathore vide order dated 20.05.2013 and was executed and registered on 16.08.2013 for an area of 4.9052 ha., for 30 years. As per MMDR (Amendment) ordinance 2015 and Govt, the lease validity was auto extended from 16.08.2013 for 50 years. Later on the mine lease was transferred to M/s Karmbhoomi Granite by ADM, Udaipur vide letter dated 06.04.2021.

The project being one of major mineral before 10.02.2015 with respect to Quartz, Feldspar having lease area of 4.9052 hectare, came under the purview of the EIA notification dated 07.10.2014 of the MoEF & CC. According to the certificate dated 07.04.2022 of AME, Amet, production of mineral Quartz and Feldspar in base year 2013-14 was Nil. Thereafter, production of mineral Feldspar was increased in year 2016-17 & 2017-18 but less than the quantity sanctioned in earlier EC dated 21.09.2016. 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.

The earlier Environmental Clearance was granted in favour of Shri Dinesh Kumar Rathore S/o Bhawani Lal Ji Rathore for mineral Quartz and feldspar, having production capacity of 5250 TPA and 29747 TPA respectively, by DEIAA, Rajsamand, Rajasthan vide order dated 21.09.2016.

The SEIAA vide letter dated 23.08.2022 transferred the EC from Shri Dinesh Kumar Rathore to M/s Karmbhoomi Granite.

The PP has submitted compliance report, vide letter dated 12.09.2022 of the IRO, Jaipur certifying compliance of conditions of the earlier EC issued vide letter dated 21.09.2016

The SME, Udaipur vide order dated 12.01.2022 has issued LoI to the PP for mining of inclusion of Granite. The mining plan has been approved by the ADM, Udaipur vide letter dated 24.03.2022. ME, Amet in his certificate dated 19.12.2022 has stated that the mining lease does not fall in Aravali hills.

DCF(WL), Rajsamand in his certificate dated 07.10.2022 has stated that there is no WLS/NP/Tiger and Elephant Reserve within 10 Km periphery of the applied lease area and nearest forest block Seemmata is 8.20 Km from the applied lease area.

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 within 10 Km from the project site.

The ME, Amet in his certificate dated 19.12.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that there for cluster area is 4.9052 hectare.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to M/s Karmbhoomi Granite, Partner-1) Shri Paras mal Gurjar S/o Shri Bhairu Lal Gurjar. 2) Shri Shrawan Gurjar S/o Shri Prema Ram Gurjar, 3) Shri Gopal Singh S/o Shri Hira Singh, 4) Shri Raimal Gurjar S/o Shri Aika Ji Gurjar, 5) Shri Shankar Lal S/o Shri Shri Amra Lal, for "Expansion of Quartz & Feldspar & Mineral Inclusion of Granite Mining Project, M.L. No. 100/2011", Mine Lease Area- 4.9052 hectare, Production Capacity-247420 TPA (ROM), {Recoverable Feldspar- 29747 TPA, Mineral Waste- 7498 TPA, Subgrade- 7498 TPA, Overburden- 26000 TPA, [Recoverable Granite-100000 TPA, Mineral Waste- 21428 TPA, Sub grade-21428 TPA, Overburden-28571 TPA]}, with proposed M-Sand/ Crusher Plant(Capacity)- 100 TPH, Khasra no. 568, 570, 578 & 581, Address-Village-Khera, Tehsil-Amet, District- Rajsamand (Raj.) (**Proposal No.- 275889** ), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A' and following additional condition:

1. The EC for crusher plant is not required under EIA Notification. The committee is therefore, recommending grant of EC to mine without going into the merits of crusher plant. The project proponent shall obtain necessary permissions from the concerning authority(s) prior to establishment / operation of crusher plant.



**Agenda no. 03. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21959)/ 2022-23**

**Project Name:-** “EC for Masonry Stone Mining Project”, Plot No.- 39, M.L. Area- 1.5184 Hectare., Proposed Production Capacity- 260000 TPA (ROM), Khasra No- 4268, 4269, 4270, 4280, 4281, Located Near Village- Chhapoli, Tehsil – Udaipurwati, District –Jhunjhunu (Rajasthan) (**Proposal No- 289971**).

**Project Proponent Name-**Shri Shrivardhan Rathi S/o Shri Pradeep Rathi, Address-House No.26-A,Sadhna Enclave,Near Malviya Nagar South, Delhi-110017, Email-[rathishrivardhan117@gmail.com](mailto:rathishrivardhan117@gmail.com).

**ConsultantName:-**M/s. N.S. Envro- 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).

*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	“Chhapoli” Masonry Stone Mining Project, Plot no 39, Area- 1.5184 Hectare at N/v Chhapoli, Tehsil – Udaipurwati, District – Jhunjhunu (Rajasthan) in favor of Shri Shrivardhan Rathi S/o Shri Pradeep Rathi		
3	Project Details ML. No. / Production Capacity	Proposed Production – 2,60,000 TPA (ROM) Applied area – 1.5184hectare. Khasra No 4280, 4281,4269, 4268, and 4270,,		
4	Project Cost:	30.0 Lac.		
5	Water Requirement & Source:	5.0KLD		
6	Fuel &Energy:-	0.5 KLD (HSD)		
7	Application No. & Date & Document Submitted:-	SIA/RJ/MIN/289971/2022 On Dated 24/08/2022		
8	Information About Aravalli Certificate.	Aravalli letter was issued by ME Jhunjhunu vide letter no. ME/JHUNJHUNU/MACHI/PLOT-39/2515 DATED 05/07/2022		
9	Date of Air/Water/Noise/Monitoring	05/08/2022 to 10/08/2022		
10	Information About 500 mts Composite Map	500 Mtr Map was issued by ME JHUNJHUNU vide letter no. ME/JHUNJHUNU/PLOT-2516 DATDE 05/07/2022		
11	Environment Management Plan	Proposed EMP Cost :- Capital Cost is 4.95 Lac & Recurring cost is 2.30 Lac per years.		
	<b>S. No.</b>	<b>Particulars</b>	<b>Capital Cost in RS.</b>	<b>Recurring cost in Rs.per years</b>
	1	Pollution control ( water sprinkling for dust suppression )	--	0.50
	2	Pollution monitoring (Air. Water ,Noise, Soil)	--	0.40

3	Greenbelt				2,95,000				1.30	
	<b>Sr. No</b>	<b>Particulars</b>		<b>Amount</b>						
	1	Plant		1,25,000/-						
	2	Tree guard		1,00,000/-						
	3	Water Tanker		60,000						
	4	Maintains & security		10,000						
	Total		2,95,000/-							
4	Occupation health				10,000				0.10	
5	Conservation Plan				2,00,000				--	
<b>Total</b>					4,95,000				<b>2,30,000 lac.</b>	
12	Green Belt/ Plantation						2.95 Lac.			
<b>Year</b>	<b>Along the lease boundary</b>		<b>On Backfilled area</b>		<b>Outside the lease area khasraNo 4187</b>		<b>Top Dumps</b>	<b>Soil</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>Area (Ha.)</b>	<b>No. of Trees</b>	<b>Area (Ha.)</b>	<b>No. of Trees</b>
2022-23	0.175	175	--	--	0.075	75	--	--	0.25	250
2023-24	0.175	175	--	--	0.075	75	--	--	0.25	250
2024-25	Replacement of Plants								--	--
2025-26	Maintenance of plants								--	--
2026-27	Maintenance of plants								--	--
<b>Total</b>	<b>0.350</b>	<b>350</b>	<b>--</b>	<b>--</b>	<b>0.150</b>	<b>150</b>	<b>--</b>	<b>--</b>	<b>0.500</b>	<b>500</b>
<ul style="list-style-type: none"> <li>Total 500 plants will be planted along the lease boundary and outside lease area (total area 0.500 Hect.). 350 plants will be planted along the lease boundary in an area of 0.350 Hect. (in 7.5 m width &amp; Safety Barrier Zone) &amp; 150 plants will be planted outside lease area, in an area of 0.150 hect., at Govt.land khasra no. 4187, Village -Chhapoli, Tehsil – Udaipurwati, District – Jhunjhunu (Rajasthan) Tehsildar Udaipurwati, District Jhunjhunu has issued NOC vide letter no. Sr./Revenue/2022/3508 dated 12.12.22.. All plants we will be planted within frist two years. Species of plants for planting will be Neem, etc. And in remaining III<sup>rd</sup> to V<sup>th</sup> years, replacement &amp; maintenance will be done by project proponent</li> <li>As per Office Memorandum 16.01.2020: Commitment by PP The mining lease holders shall after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activates and restore the land to a condition which is for growth of fodder, Flora, Fauna etc.” .</li> </ul>										
13	Budgetary Breakup For Labor						Proposed Labor Welfare Capital Cost is 1.0 Lac, and Recurring Cost is 0.40 lac. per year			

Sr. No.	Facility Provided for Laborers	Capital Cost in RS.	Recurring Cost In RS. Per Year
1.	Drinking water provided By Tanker	30,000/-	10,000/-
2.	First Aid Box	5,000/-	--
3.	Rest Shelter	20,000/-	10,000/-
4.	Washroom Facilities for laborers	15,000/-	5,000/-
5	Safety Shoes, hand gloves, Dust mask, Ear plugs, Helmet	20,000/-	10,000/-
6	Insurance	10,000/-	5,000/-
<b>Total</b>		<b>1.0 lakh</b>	<b>0.40 Lakh/Annum</b>

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for “EC for Masonry Stone Mining Project”, Plot No.- 39, M.L. Area- 1.5184 Hectare., Proposed Production Capacity- 260000 TPA (ROM), Khasra No- 4268, 4269, 4270, 4280, 4281, Located Near Village- Chhapoli, Tehsil – Udaipurwati, District – Jhunjhunu (Rajasthan) (**Proposal No- 289971**). The project is covered under B2 category.

The SME, Jaipur vide order dated 19.04.2022 has issued LoI to the PP for mining of Masonary Stone. The mining plan has been approved by the SME, Jaipur vide letter dated 14.06.2022. ME, Jhunjhunu in his certificate dated 05.07.2022 has stated that the mining lease does not fall in Aravali hills.

DCF, Jhunjhunu in his certificate dated 26.07.2022 has stated that applied area is not a forest land and it is situated at a distance of more than 500 meters from the forest land. The certificate also stated that there is no WLS/National park within 10 km periphery of the applied area. But the distance of project area from Mansa mata Conservation reserve is 2.80 km whereas the distance from Sakambari Conservation reserve is 3.50 km.

DCF, Jhunjhunu in his certificate dated 28.07.2022 has stated that applied area is not a forest land and there is no Wild Life Sanctuary/ National Park within 10 km periphery of the applied lease area. The PP has also submitted copy of acknowledgement slip dated 12.12.2022 regarding conservation plan submitted to District Forest Officer, Jhunjhunu.

DCF, Sikar in his certificate dated 14.12.2022 has stated that there is no Wild Life Sanctuary/ National Park within 10 km periphery of the applied lease area.

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 within 10 Km from the project site.

The ME, Jhunjhunu in his certificate dated 05.07.2022 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 is 2.98875 hectare.

### **Resolution:**

Abstract of 5A.42<sup>nd</sup> meeting held on 21-23 Dec, 2022

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Shrivardhan Rathi S/o Shri Pradeep Rathi for Masonry Stone Mining Project”, Plot No.- 39, M.L. Area- 1.5184 Hectare., Proposed Production Capacity- 2,60,000 TPA (ROM), Khasra No- 4268, 4269, 4270, 4280, 4281, Located Near Village- Chhapoli, Tehsil – Udaipurwati, District –Jhunjhunu (Rajasthan) (**Proposal No- 289971**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name:-** EC for Masonry Stone Mining Project”, Plot No.- 39, M.L. Area- 1.5184 Hectare., Proposed Production Capacity- 260000 TPA (ROM), Khasra No- 4268, 4269, 4270, 4280, 4281, Located Near Village- Chhapoli, Tehsil – Udaipurwati, District –Jhunjhunu (Rajasthan) (**Proposal No- 289971**), **Project Proponent Name-** Shri Shrivardhan Rathi S/o Shri Pradeep Rathi, Address-House No.26-A,Sadhna Enclave, Near Malviya Nagar South, Delhi-110017, Email- [rathishrivardhan117@gmail.com](mailto:rathishrivardhan117@gmail.com).

**Agenda no. 04. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21928)/ 2022-23**

**Project Name:-**“EC for Proposed Masonry Stone, Quartz & Feldspar Mining Project”, Reference no:- 20211000046253, M.L. No.- 14/2021, M.L. Area- 1.3253 Hectare, Production Capacity for Quartz and Feldspar- 58,344 TPA (ROM) {(Saleable Quartz- 3500 TPA, Saleable Feldspar- 31507 TPA and Waste- 20420 TPA) Sub grade- 2917 MT, Production Capacity for Masonry Stone- 78947 TPA (ROM) (Saleable Mineral- 75000 TPA, Waste- 3947 TPA)}, Khasra No.- 1528, 1661/1528, 1572/1528, Located Near Village:- Kharwaron ka Guda, Tehsil:- Mavli, District:- Udaipur (Raj.) **(Proposal No- 401579).**

**Project Proponent Name-** Shri Ganpat Singh Rao S/o Shri Mohan Singh Rao & Co-applicant Shri Dinesh Bhimji Bhai Rampuriya S/o Shri Bhimji Bhai Rampuria, Address-393/6,Chanakyapuri, J.J. Hospital, Ghati Andiya Ahamdabad (Gujrat), Email-ganpat.2022rao@gmail.com.

**Consultant Name:-**Vitasta Enviro Services pvt.ltd ,Jaipur, Address-97, Vrindavan Vihar, Patrakar Colony Road, VT Road, Mansarovar, Jaipur-302020,Email-vitastaenviro@hotmail.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:- KharwaronkaGuda, Tehsil:-Mavli, District:- Udaipur (Raj.)															
3.	Project Details M.L No./ Production Capacity	<table border="1"><tr><td>M.L. No. -</td><td>:</td><td>14/2021</td></tr><tr><td>Khasra No.</td><td>:</td><td>1528, 1661/1528, 1572/1528</td></tr><tr><td>Area</td><td>:</td><td>1.3253 HECT.</td></tr><tr><td>Production (TPA)</td><td>:</td><td>(Masonry Stone Production Capacity: 78,947 TPA(ROM) Saleable Mineral-75,000 MT, Waste- 3947 (Tonnes) Quartz-FeldsparProduction Capacity:-58,344(TPA)ROM {Saleable Quartz – 3500 TPA, Saleable Feldspar :- 31,507 TPA and Waste – 20420 TPA}, Sub Grade- 2917(Tonnes)</td></tr><tr><td colspan="3">Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)</td></tr></table>	M.L. No. -	:	14/2021	Khasra No.	:	1528, 1661/1528, 1572/1528	Area	:	1.3253 HECT.	Production (TPA)	:	(Masonry Stone Production Capacity: 78,947 TPA(ROM) Saleable Mineral-75,000 MT, Waste- 3947 (Tonnes) Quartz-FeldsparProduction Capacity:-58,344(TPA)ROM {Saleable Quartz – 3500 TPA, Saleable Feldspar :- 31,507 TPA and Waste – 20420 TPA}, Sub Grade- 2917(Tonnes)	Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)		
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Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)																	
4.	Project Cost	Project Cost: Rs124lacs/-(in Rs.)															
5.	Water requirement & Source	6.0KLD (Source : Water will be sourced from nearby villages)															
6.	Fuel & Energy	Electrical energy will be required for operating machines which sourced from VidhyutVitran Nigam Limited.															
7.	Application no., Date of Documents Submitted	29/09/2022															
8.	Information about Aravalli certificate	Aravalli Certificate has been issued by Mining Engineer, Udaipur (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 map has been issued byMining Engineer, Udaipur (Raj.) Area falling within 500 mts:-Nil															

11.	Environment Management Plan	Environment Management Plan Expenditures:Capital Cost: - Rs. 10.5lacs and Recurring cost: - 3.7 lacs per annum																																																																																																		
		<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Particulars</th> <th>Capital Cost (in Rs. Lac)</th> <th>Recurring Cost (Rs. Lac)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution monitoring – Air, Water, Noise and Soil</td> <td>-</td> <td>1.0</td> </tr> <tr> <td>2</td> <td>Pollution control (water Sprinkling )</td> <td>-</td> <td>0.50</td> </tr> <tr> <td>3</td> <td>Green Belt development (Tree guards, plantation and its maintenances etc.)</td> <td>8.5</td> <td>1.7</td> </tr> <tr> <td>4</td> <td>Contribution towards construction and maintenances of the kachha roads after consultation with the concerned gram panchayat.</td> <td>2.0</td> <td>0.50</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>10.5</b></td> <td><b>3.7</b></td> </tr> </tbody> </table>	Sr. No.	Particulars	Capital Cost (in Rs. Lac)	Recurring Cost (Rs. Lac)	1	Pollution monitoring – Air, Water, Noise and Soil	-	1.0	2	Pollution control (water Sprinkling )	-	0.50	3	Green Belt development (Tree guards, plantation and its maintenances etc.)	8.5	1.7	4	Contribution towards construction and maintenances of the kachha roads after consultation with the concerned gram panchayat.	2.0	0.50	<b>Total</b>		<b>10.5</b>	<b>3.7</b>																																																																										
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14.	Present Status	Proposed Mine site.																																																																																																		

### Observations of the committee:-

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>th</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for EC for Proposed Masonry Stone, Quartz & Feldspar Mining Project”, Reference no:- 20211000046253, M.L. No.- 14/2021, M.L. Area- 1.3253 Hectare, Production Capacity for Quartz and Feldspar- 58,344 TPA (ROM) {(Saleable Quartz- 3500 TPA, Saleable Feldspar- 31507 TPA and Waste- 20420 TPA) Sub grade- 2917 MT, Production Capacity for Masonry Stone- 78947 TPA (ROM) (Saleable Mineral- 75000 TPA, Waste- 3947 TPA)}, Khasra No.- 1528, 1661/1528, 1572/1528, Located Near Village:- Kharwaron ka Guda, Tehsil:- Mavli, District:- Udaipur (Raj.)(**Proposal No- 401579**). The project is covered under B2 category.

The ADM, Udaipur vide order dated 26.05.2022 has issued LoI to the PP for mining of Masonry Stone, Quartz & Feldspar. The mining plan has been approved by the SME, Udaipur vide letter dated 07.09.2022. ME, Udaipur in his certificate dated 08.07.2022 has stated that the mining lease does not fall in Aravali hills.

The DCF (WL), Udaipur in his certificate dated 02.09.2022 has stated that the distance of project area from the boundary of Sajjangarh WLS & ESZ of Sajjangarh WLS is 23.216 km & 20.124 km, respectively. The certificate also stated that the distance of project area from the boundary of Jaisamand WLS & ESZ of Jaisamand WLS is 48.943 km & 42.009 km respectively. The certificate also stated that the distance of project area from the boundary of Phoolwari Ki Naal WLS & ESZ of Phoolwari Ki Naal WLS is 61.495 km & 51.495 km, respectively.

The DCF, Udaipur in his certificate dated 19.10.2022 has stated that applied area is not a forest land and the distance of forest division Bikarani is 6.50 km approximately from applied land. The certificate also stated that Sajjangarh WLS is situated at 20 km and there is no WLS is within 10 km periphery of mine.

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 within 10 Km from the project site.

The ME, Udaipur in his certificate dated 08.07.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that there is no cluster formation.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Ganpat Singh Rao S/o Shri Mohan Singh Rao & Co-applicant Shri Dinesh Bhimji Bhai Rampuriya S/o Shri Bhimji Bhai Rampuria for Proposed Masonry Stone, Quartz & Feldspar Mining Project”, Reference no:- 20211000046253, M.L. No.- 14/2021, M.L. Area- 1.3253 Hectare, Production Capacity for Quartz and Feldspar- 58,344 TPA (ROM) {(Saleable Quartz- 3500 TPA, Saleable Feldspar- 31507 TPA and Waste- 20420 TPA) Sub grade- 2917 MT, Production Capacity for Masonry Stone- 78947 TPA (ROM) (Saleable Mineral- 75000 TPA, Waste- 3947 TPA)}, Khasra No.- 1528, 1661/1528, 1572/1528, Located Near Village:- Kharwaron ka Guda, Tehsil:- Mavli, District:- Udaipur (Raj.)(**Proposal No- 401579**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name:-** “EC for Proposed Masonry Stone, Quartz & Feldspar Mining Project”, Reference no:- 20211000046253, M.L. No.- 14/2021, M.L. Area- 1.3253 Hectare, Production Capacity for Quartz and Feldspar- 58,344 TPA (ROM) {(Saleable Quartz- 3500 TPA, Saleable Feldspar- 31507 TPA and Waste- 20420 TPA) Sub grade- 2917 MT, Production  
Abstract of 5A.42<sup>nd</sup> meeting held on 21-23 Dec, 2022

Capacity for Masonry Stone- 78947 TPA (ROM) (Saleable Mineral- 75000 TPA, Waste- 3947 TPA)}, Khasra No.- 1528, 1661/1528, 1572/1528, Located Near Village:- Kharwaron ka Guda, Tehsil:- Mavli, District:- Udaipur (Raj.) (**Proposal No- 401579**), **Project Proponent Name-** Shri Ganpat Singh Rao S/o Shri Mohan Singh Rao & Co-applicant Shri Dinesh Bhimji Bhai Rampuriya S/o Shri Bhimji Bhai Rampuria.,Address-393/6,Chanakyapuri, J.J. Hospital, Ghati Andiya Ahamdabad (Gujrat),Email-ganpat.2022rao@gmail.com.



**Agenda no.05. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21932)/ 2022-23**

**Project Name:-**“Environmental Clearance for Granite Mining project” Ref. No.- 20221000051154, Mining lease Area- 1.7002 Hectare, Production Capacity- 150000 TPA (ROM) {Saleable: 75000 TPA & Waste: 75000 TPA}, Khasra No- 2509, 2510, Located near village- Khudiyala, Tehsil- Mozmadabad, District-Jaipur, Rajasthan (**Proposal No- 290303**).

**Project Proponent Name-** Shri Arvind Kumar Jakhar S/o Shri Bhagwan Sahay, Address- R/o-237, Kanaram Nagar, Dehar ke Balaji, Sikar Road, Jaipur, Rajasthan, Email- [arvind51154@gmail.com](mailto:arvind51154@gmail.com).

**Consultant Name:-**Vitasta Enviro Services pvt.ltd, Jaipur,Address-97, Vrindavan Vihar, Patrakar Colony Road, VT Road, Mansarovar, Jaipur-302020, [Email-vitastaenviro@hotmail.com](mailto:Email-vitastaenviro@hotmail.com).

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

S.No.	Particulars	Details/Information															
15.	Cat. / Item no. (in schedule):	1 (a)-B2															
16.	Location of the Project	Near village:Khudiyala, Tehsil:Mozamabad, District: Jaipur(Rajasthan).															
17.	Project Details M.L No./ Production Capacity	<table border="1"><tr><td>Ref. No.</td><td>:</td><td>20221000051154</td></tr><tr><td>Khasra No.</td><td>:</td><td>2509, 2510</td></tr><tr><td>Area</td><td>:</td><td>1.7002 Hect. (Pvt. Land)</td></tr><tr><td>Production (TPA)</td><td>:</td><td>1,50,000 TPA(ROM)</td></tr></table>	Ref. No.	:	20221000051154	Khasra No.	:	2509, 2510	Area	:	1.7002 Hect. (Pvt. Land)	Production (TPA)	:	1,50,000 TPA(ROM)			
Ref. No.	:	20221000051154															
Khasra No.	:	2509, 2510															
Area	:	1.7002 Hect. (Pvt. Land)															
Production (TPA)	:	1,50,000 TPA(ROM)															
18.	Project Cost	Project Cost: 296Lacs /- (Rs.)															
19.	Water requirement & Source	21.0 KLD (Source: Water will be sourced from nearby villages)															
20.	Fuel & Energy	No electricity will be required in mining operations as mining will be carried out in day time only.															
21.	Application no., Date of Documents Submitted	<table border="1"><tr><td>Category</td><td>:</td><td>B2</td></tr><tr><td>SEAC FILE NO.</td><td>:</td><td>21932</td></tr><tr><td>SEAC Meeting No.</td><td>:</td><td>5A.42nd</td></tr><tr><td>Agenda Sr. No.</td><td>:</td><td>5</td></tr><tr><td>Date of Presentation</td><td>:</td><td>21/12/2022</td></tr></table>	Category	:	B2	SEAC FILE NO.	:	21932	SEAC Meeting No.	:	5A.42nd	Agenda Sr. No.	:	5	Date of Presentation	:	21/12/2022
Category	:	B2															
SEAC FILE NO.	:	21932															
SEAC Meeting No.	:	5A.42nd															
Agenda Sr. No.	:	5															
Date of Presentation	:	21/12/2022															
22.	Information about Aravalli certificate	Aravalli Certificate has been issued byMining Engineer,Jaipur(Raj.). Vide letter no. ME/JAI/CC-1/Ref.No.20221000051154/ML03/2022/815 dated17/08/2022.															
23.	Date of Air, Water, Noise, monitoring	Details of the same will be submitted at the time of Presentation.															
24.	Information about 500 mts composite map & Cluster Map	500 mts composite map has been issued byMining Engineer, Jaipur (Raj.). Vide letter no.ME/JAI/CC-1/Ref.No.20221000051154/ML03/2022/814 dated 17/08/2022. No Cluster Formation															
25.	EMP Activities	Environmental Management Plan (Rs.): - Capital Cost Rs. 8.0 lacs & Recurring Cost Rs. 1.50 lacs per annum.															



The PPhas submitted Application “Environmental Clearance for Granite Mining project” Ref. No.- 20221000051154, Mining lease Area- 1.7002 Hectare, Production Capacity- 150000 TPA (ROM) {Saleable: 75000 TPA & Waste: 75000 TPA}, Khasra No- 2509, 2510, Located near village- Khudiyala, Tehsil- Mozmadad, District-Jaipur, Rajasthan (**Proposal No- 290303**). The project is covered under B2 category.

The ADM, Jaipur vide order dated 15.07.2022 has issued LoI to the PP for mining of Granite. The mining plan has been approved by the ADM, Jaipur vide letter dated 02.09.2022. ME, Jaipur in his certificate dated 17.08.2022 has stated that the mining lease does not fall in Aravali hills.

DCF, Jaipur in his certificate dated 19.05.2022 has stated that applied area is not a forest land and the distance from the boundary of forest block Shyopura is situated approximately 10.0 km from the applied lease area.

DCF, Jaipur in his certificate dated 01.12.2022 has stated that there is no WLS/ National park /Conservation reserve within 10 km periphery of mining lease area.

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 within 10 Km from the project site.

The ME, Jaipur in his certificate dated 17.08.2022 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 is 2.7997 hectare.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Arvind Kumar Jakhar S/o Shri Bhagwan Sahay for Granite Mining project” Ref. No.- 20221000051154, Mining lease Area- 1.7002 Hectare, Production Capacity- 150000 TPA (ROM) {Saleable: 75000 TPA & Waste: 75000 TPA}, Khasra No- 2509, 2510, Located near village- Khudiyala, Tehsil- Mozmadad, District-Jaipur, Rajasthan (**Proposal No- 290303**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name:-** Environmental Clearance for Granite Mining project” Ref. No.- 20221000051154, Mining lease Area- 1.7002 Hectare, Production Capacity- 150000 TPA (ROM) {Saleable: 75000 TPA & Waste: 75000 TPA}, Khasra No- 2509, 2510, Located near village- Khudiyala, Tehsil- Mozmadad, District-Jaipur, Rajasthan (**Proposal No- 290303**). **Project Proponent Name-** Shri Arvind Kumar Jakhar S/o Shri Bhagwan Sahay, Address- R/o-237, Kanaram Nagar, Dehar ke Balaji, Sikar Road, Jaipur, Rajasthan, Email- arvind51154@gmail.com.

**Agenda no. 06. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21933)/ 2022-23**

**Project Name:-** “EC for Proposed Sandstone Mining Project”, Plot No.- 15, M.L. Area- 1.00 Hectare, Production Capacity- 98,250 TPA (ROM), Khasra No- 553, Located Near Village- Kasti, Tehsil - Baodi, District–Jodhpur(Rajasthan) (**Proposal No- 289945**).

**Project Proponent Name-** Smt. Mamta Naruka w/o Shri Bhupendra Singh Naruka Address-R/o 2k 16, Aravali Vihar, Alwar, Email id: - mamtanaruka5500@gmail.com.

**Consultant Name:-** Vitasta Enviro Services pvt. Ltd, Jaipur Address-97, Vrindavan Vihar, Patrakar Colony Road, VT Road, Mansarovar, Jaipur-302020, Email-vitastaenviro@hotmail.com.

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application of EC for Proposed Sandstone Mining Project”, Plot No.- 15, M.L. Area- 1.00 Hectare, Production Capacity- 98,250 TPA (ROM), Khasra No- 553, Located Near Village- Kasti, Tehsil - Baodi, District–Jodhpur(Rajasthan) (**Proposal No- 289945**). The project is covered under B2 category.

The SME, Jodhpur vide order dated 14.06.2021 has issued LoI to the PP for mining of Sandstone. The SME, Jodhpur issued sanction order dated 20.12.2022 for the mining lease having validity for 50 years. The mining plan has been approved by the SME, Jodhpur vide letter dated 14.12.2021. ME, Jodhpur in his certificate dated 16.12.2022 has stated that the mining lease does not fall in Aravali hills.

DCF, Jodhpur in his certificate dated 20.12.2022 has stated that there is no Wildlife Sanctuary/National Park/forest block within 10 km periphery of the mine.

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 within 10 Km from the project site.

The ME, Jodhpur in his cluster certificate & map dated 29.12.2021 has stated that as per the MoEF & CC notification, dated 01.07.2016 that the total area of all the 04 mining leases registered after 09.09.2013 in the cluster is 04.00 hectare. Thereafter, PP has submitted revised cluster certificate accompanied with the cluster map issued by ME, Jodhpur dated 16.12.2022, which states that the total area of all the 03 mining leases registered after 09.09.2013 in the cluster is 04.0 ha. The certificate submitted later is in contradiction with the certificate submitted earlier by the PP so clarification regarding same is required to be submitted by the PP.

Therefore, the Committee asked PP to submit the required documents/information within a period of 45 days failing which the project shall be recommended to SEIAA for closure and delistment:

1. Revised cluster certificate from the Mining Department without any contradiction and in accordance with the MOEF & CC Notification dated 15.01.2016 & 01.07.2016.

**Agenda no.07. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21934)/ 2022-23**

**Project Name:-**“Environmental Clearance for Granite Mining project”, Ref No.- 20211000034108, Area- 1.0612 ha., Production Capacity- 41,160 TPA (ROM), Khasra No.- 39/147, 39/148, Address:- Village- Lisana, Tehsil- Kishangarhbas, District- Alwar, Rajasthan (**Proposal No- 289845**).

**Project Proponent Name-** Shri Hari Singh S/o Shri Chhote Lal, R/o- Village- Goleta, Tehsil- Ramgarh, District-Alwar, Rajasthan, Email-harisingh3418@gmail.com.

**Consultant Name:-** Vitasta Enviro Services Pvt. Ltd, Jaipur Address-97, Vrindavan Vihar, Patrakar Colony Road, VT Road, Mansarovar, Jaipur-302020,Email-vitastaenviro@hotmail.com.

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

S.No.	Particulars	Details/Information																		
	Cat. / Item no. (in schedule):	1 (a)-B2																		
	Location of the Project	Near village:Lisana, Tehsil: Kishangarhbas, District: Alwar (Raj.)																		
	Project Details M.L No./ Production Capacity	<table border="1"><tr><td>Ref. No.</td><td>:</td><td>20211000034108</td></tr><tr><td>Khasra No.</td><td>:</td><td>39/147, 39/148 (Pvt. Land)</td></tr><tr><td>Area</td><td>:</td><td>1.0612Hect. (Pvt. Land)</td></tr><tr><td>Production (TPA)</td><td>:</td><td>41160 TPA(ROM)</td></tr></table>	Ref. No.	:	20211000034108	Khasra No.	:	39/147, 39/148 (Pvt. Land)	Area	:	1.0612Hect. (Pvt. Land)	Production (TPA)	:	41160 TPA(ROM)						
Ref. No.	:	20211000034108																		
Khasra No.	:	39/147, 39/148 (Pvt. Land)																		
Area	:	1.0612Hect. (Pvt. Land)																		
Production (TPA)	:	41160 TPA(ROM)																		
	Project Cost	Project Cost: 179Lacs /- (Rs.)																		
	Water requirement & Source	10.0 KLD (Source: Water will be sourced from nearby villages)																		
	Fuel & Energy	No electricity will be required in mining operations as mining will be carried out in day time only.																		
	Application no., Date of Documents Submitted	<table border="1"><tr><td><b>Category</b></td><td>:</td><td>B2</td></tr><tr><td><b>SEAC FILE NO.</b></td><td>:</td><td>21934</td></tr><tr><td><b>Proposal No.</b></td><td>:</td><td>289845</td></tr><tr><td><b>SEAC Meeting No. :</b></td><td></td><td>5A.42<sup>nd</sup>Meeting</td></tr><tr><td><b>Agenda Sr. No.</b></td><td>:</td><td>7</td></tr><tr><td><b>Date of Presentation</b></td><td>:</td><td>21/12/2022</td></tr></table>	<b>Category</b>	:	B2	<b>SEAC FILE NO.</b>	:	21934	<b>Proposal No.</b>	:	289845	<b>SEAC Meeting No. :</b>		5A.42 <sup>nd</sup> Meeting	<b>Agenda Sr. No.</b>	:	7	<b>Date of Presentation</b>	:	21/12/2022
<b>Category</b>	:	B2																		
<b>SEAC FILE NO.</b>	:	21934																		
<b>Proposal No.</b>	:	289845																		
<b>SEAC Meeting No. :</b>		5A.42 <sup>nd</sup> Meeting																		
<b>Agenda Sr. No.</b>	:	7																		
<b>Date of Presentation</b>	:	21/12/2022																		
	Information about Aravalli certificate	Aravalli Certificate has been issued byMining Engineer,Alwar(Raj.). Vide letter no. ME/AI/Ma.Chi./2022/403dated09/12/2022.																		
	Date of Air, Water, Noise, monitoring	Air/Water/Noise/Soil monitoring has been carried out.																		
	Information about 500 mts composite map & Cluster Map	500 mts composite map has been issued byMining Engineer, Alwar(Raj.). Vide letter no. ME/AI/ Ma.Chi./2022/402 dated 09/12/2022																		
	EMP Activities	Environmental Management Plan (Rs.): - Capital Cost Rs. 9.0 lacs & Recurring Cost Rs. 3.4 lacs per annum. <table border="1"><thead><tr><th>Sr. No.</th><th>Particulars</th><th>Capital Cost (Rs. Lac)</th><th>Recurring Cost (Rs. Lac)</th></tr></thead><tbody><tr><td>1.</td><td>Pollution monitoring – Air, Water, Noise and Soil</td><td>--</td><td>0.50</td></tr><tr><td>2.</td><td>Pollution control (Water Sprinkling.</td><td>--</td><td>1.0</td></tr><tr><td>3.</td><td>Green Belt development (Tree guards, plantation and its</td><td>7.0</td><td>1.4</td></tr></tbody></table>	Sr. No.	Particulars	Capital Cost (Rs. Lac)	Recurring Cost (Rs. Lac)	1.	Pollution monitoring – Air, Water, Noise and Soil	--	0.50	2.	Pollution control (Water Sprinkling.	--	1.0	3.	Green Belt development (Tree guards, plantation and its	7.0	1.4		
Sr. No.	Particulars	Capital Cost (Rs. Lac)	Recurring Cost (Rs. Lac)																	
1.	Pollution monitoring – Air, Water, Noise and Soil	--	0.50																	
2.	Pollution control (Water Sprinkling.	--	1.0																	
3.	Green Belt development (Tree guards, plantation and its	7.0	1.4																	



The PP has submitted application “Environmental Clearance for Granite Mining project”, Ref No.-20211000034108, Area-1.0612 ha., Production Capacity- 41,160 TPA (ROM), Khasra No.- 39/147, 39/148, Address:- Village- Lisana, Tehsil- Kishangarhbas, District- Alwar, Rajasthan (**Proposal No- 289845**). The project is covered under B2 category.

The SME, Jaipur vide order dated 20.09.2021 has issued LoI to the PP for mining of Granite. The mining plan has been approved by the ADM, Jaipur vide letter dated 19.01.2022. ME, Alwar in his certificate dated 21.12.2022 has stated that the mining lease does not fall in Aravali hills.

DCF (Tiger Project) Sariska in his certificate dated 30.09.2022 has stated that Sariska Wildlife Sanctuary/National Park/Sariska Tiger Reserve is situated outside of 10 km periphery of the mine. RFO, Kishangarh Bas in his certificate dated 07.06.2021 has stated that nearest forest area Lisana is at a distance of 120 meters and it is not a forest land

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 within 10 Km from the project site.

The ME, Alwar in his certificate dated 09.12.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 stated that there is no cluster formation.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Hari Singh S/o Shri Chhote Lal for Granite Mining project”, Ref No.-20211000034108, Area-1.0612 ha., Production Capacity- 41,160 TPA (ROM), Khasra No.- 39/147, 39/148, Address:- Village- Lisana, Tehsil- Kishangarhbas, District- Alwar, Rajasthan (**Proposal No- 289845**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A.**Project Name:-**Environmental Clearance for Granite Mining project”, Ref No.-20211000034108, Area-1.0612 ha., Production Capacity- 41,160 TPA (ROM), Khasra No.- 39/147, 39/148, Address:- Village- Lisana, Tehsil- Kishangarhbas, District- Alwar, Rajasthan (**Proposal No- 289845**), **Project Proponent Name-** Shri Hari Singh S/o Shri Chhote Lal, R/o- Village- Goleta, Tehsil- Ramgarh, District-Alwar,Rajasthan,Email-harisingh3418@gmail.com.

**Agenda no. 08. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21937)/ 2022-23**

**Project Name:-** “EC for Masonry Stone, Soap Stone & Dolomite Mining Project”, M.L. No.-13/2022, Reference no.:- 20221000056620, Area- 1.7768 Hect, Production Capacity- 1,63,105 TPA (ROM) {Saleable Mineral- 138640 TPA, Waste- 8155 TPA and Subgrade- 16310 TPA}, Khasra No.:- 3789/3511, 3790/3694, 3849/3511, Address:- Village:- Kaloda, Tehsil:- Badgaon, District:- Udaipur (Raj.) (**Proposal No- 402277**).

**Project Proponent Name-** Shri Sunil Sahu S/o Shri Madanlal Sahu, Address-42,Kan Nagar, Near Baroda Nursery, Hiran Mangri Sector No.-8, Tehsil - Girwa, District - Udaipur (Raj.), Email-sunil.2022lal@gmail.com.

**Consultant Name:-**Vitasta Enviro Services Pvt. Ltd, Jaipur Address-97, Vrindavan Vihar, Patrakar Colony Road, VT Road, Mansarovar, Jaipur-302020,Email-vitastaenviro@hotmail.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: - Kaloda, Tehsil:- Badgaon, District:- Udaipur (Raj.)															
3.	Project Details M.L No./ Production Capacity	<table border="1"><tr><td>M.L. No. -</td><td>:</td><td>13/2022</td></tr><tr><td>Khasra No.</td><td>:</td><td>3789/3511, 3790/3694, 3849/3511</td></tr><tr><td>Area</td><td>:</td><td>1.7768 HECT.</td></tr><tr><td>Production (TPA)</td><td>:</td><td>163105 (TPA) ROM (Saleable Mineral – 138640 TPA, Waste – 8155 TPA and Subgrade – 16310 TPA)</td></tr><tr><td colspan="3">Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)</td></tr></table>	M.L. No. -	:	13/2022	Khasra No.	:	3789/3511, 3790/3694, 3849/3511	Area	:	1.7768 HECT.	Production (TPA)	:	163105 (TPA) ROM (Saleable Mineral – 138640 TPA, Waste – 8155 TPA and Subgrade – 16310 TPA)	Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)		
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Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)																	
4.	Project Cost	Project Cost: Rs240.0lacs/-(in Rs.)															
5.	Water requirement & Source	7.5 KLD (Source : Water will be sourced from nearby villages)															
6.	Fuel & Energy	Electrical energy will be required for operating machines which sourced from VidhyutVitran Nigam Limited.															
7.	Application no., Date of Documents Submitted	-															
8.	Information about Aravalli certificate	Aravali Certificate has been issued by Mining Engineer, Udaipur (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 map has been issued by Mining Engineer, Udaipur (Raj.) Area falling within 500 mts:-Nil															



11.	Environment Management Plan	Environment Management Plan Expenditures:Capital Cost: - Rs. 13.7lacsand Recurring cost: - 4.5lacs per annum																																																																																																		
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12.	Greenbelt Plantation &	<table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th colspan="2">7.5 mtr. Safety barrier of the lease area</th> <th colspan="2">Out side the lease area along haul road near mine site</th> <th colspan="2">Outside the lease area</th> <th colspan="2">Top Soil Dumps</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> </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> </tr> <tr> <td>1st</td> <td>0.4071</td> <td>407</td> <td>0.1792</td> <td>179</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.5863</td> <td>586</td> </tr> <tr> <td>2nd</td> <td colspan="10">Replacement&amp; Maintenance of plants</td> </tr> <tr> <td>3rd</td> <td colspan="10">Replacement&amp; Maintenance of plants</td> </tr> <tr> <td>4th</td> <td colspan="10">Replacement&amp; Maintenance of plants</td> </tr> <tr> <td>5th</td> <td colspan="10">Replacement&amp; Maintenance of plants</td> </tr> <tr> <td><b>Total</b></td> <td>0.4071</td> <td>407</td> <td>0.1792</td> <td>179</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.5863</td> <td>586</td> </tr> </tbody> </table> <p><i>Note:-At the end of first year Green Belt /Plantation will be done in 0.4071 ha. area i.e.(407 trees) Plantation will be done inside the 7.5 meter safety barrier around the mine periphery area and 0.1792 Out side the lease area along haul road near mine site which will be equal to 33 % of the Mine area Native species which are more suitable to the local environment are preferred to be planted such as like Gulmohar , Neem (Azadirachta indica</i></p>	Year	7.5 mtr. Safety barrier of the lease area		Out side the lease area along haul road near mine site		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	--	--	--	--	--	--	--	--	--	--	1st	0.4071	407	0.1792	179	--	--	--	--	0.5863	586	2nd	Replacement& Maintenance of plants										3rd	Replacement& Maintenance of plants										4th	Replacement& Maintenance of plants										5th	Replacement& Maintenance of plants										<b>Total</b>	0.4071	407	0.1792	179	--	--	--	--	0.5863	586
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14.	Present Status	Proposed Mine site.																																																																																																		

### Observations of the committee:-

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for “EC for Masonry Stone, Soap Stone & Dolomite Mining Project”, M.L. No.- 13/2022, Reference no.:- 20221000056620, Area- 1.7768 Hect, Production Capacity- 1,63,105 TPA (ROM) {Saleable Mineral- 138640 TPA, Waste-8155 TPA and Subgrade- 16310 TPA}, Khasra No.:- 3789/3511, 3790/3694, 3849/3511, Address:- Village:- Kaloda, Tehsil:- Badgaon, District:- Udaipur (Raj.) (**Proposal No- 402277**). The project is covered under B2 category.

The SME, Udaipur vide order dated 04.07.2022 has issued LoI to the PP for mining of Masonry Stone, Soap Stone & Dolomite. The mining plan has been approved by the SME, Udaipur vide letter dated 16.08.2022. ME, Udaipur in his certificate dated 28.07.2022 has stated that the mining lease does not fall in Aravali hills.

DCF (WL), Udaipur in his certificate dated 20.10.2022 has stated that the distance of project area from the boundary of Sajjangarh WLS is 25.0 km and there is no WLS within 10 Km periphery of the applied lease area & nearest forest block Kadiya & Eklingji is 8.0 Km & 8.50 Km, respectively from the applied area. DCF, WL, Rajsamand in his certificate dated 14.10.2022 has stated that there is no WLS/NP/ T& E Reserve within 10 Km periphery of the applied lease area & nearest forest block Sarka Beer is 6.41 Km from the applied lease area.

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 within 10 Km from the project site.

The AME, Bhilwara in his certificate dated 28.07.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that total area of all the mining leases in the cluster is 1.7768 Hectare.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Sunil Sahu S/o Shri Madanlal Sahu, for Masonry Stone, Soap Stone & Dolomite Mining Project”, M.L. No.- 13/2022, Reference no.:- 20221000056620, Area- 1.7768 Hect, Production Capacity- 1,63,105 TPA (ROM) {Saleable Mineral- 1,38,640 TPA, Waste- 8,155 TPA and Subgrade- 16,310 TPA}, Khasra No.:- 3789/3511, 3790/3694, 3849/3511, Address:- Village:- Kaloda, Tehsil:- Badgaon, District:- Udaipur (Raj.) (**Proposal No- 402277**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name:-** “EC for Masonry Stone, Soap Stone & Dolomite Mining Project”, M.L. No.- 13/2022, Reference no.:- 20221000056620, Area- 1.7768 Hect, Production Capacity- 1,63,105 TPA (ROM) {Saleable Mineral- 138640 TPA, Waste-8155 TPA and Subgrade-16310 TPA}, Khasra No.:- 3789/3511, 3790/3694, 3849/3511, Address:- Village:- Kaloda, Tehsil:- Badgaon, District:- Udaipur (Raj.).(**Proposal No- 402277**).**Project Proponent Name-** Shri Sunil Sahu S/o Shri Madanlal Sahu,Address-42,Kan Nagar, Near Baroda Nursery, Hiran Mangri Sector No.-8, Tehsil - Girwa, District - Udaipur (Raj.),Email-sunil.2022lal@gmail.com.

**Agenda no. 09. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21966)/ 2022-23**

**Project Name:-** “EC for Granite Mining Project, ML. No.- 06/2022, Area- 2.46 Hect., Production Capacity- 185388 TPA (ROM) {Saleable Granite- 101963 Tonnes & Waste- 83425 Tonnes}, Khasra No.- 814/454, 816/455, Address: Village:- Rajyas, Tehsil - Gangrar, District - Chittorgarh (Raj .) (**Proposal No- 289061**).

**Project Proponent Name-** M/s Mateshwari Minerals, Authorized Signatory: 1) Sh. Krishan Gopal Sharma, 2) Sh. Bhanwar Lal Sharma, Address- Plot no.-06, Shri Niwas Ward No.53, New Yagya Bhawan, City Road, Kishangarh, District - Ajmer (Raj .), Email- 2022.mateshwariminerals@gmail.com.

**Consultant Name:-** Parivesh Environmental Engineering services, Address- 5/916, Vikram Khand, Gomati Nagar, Lucknow, Uttar Pradesh-226010.

*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:-Rajyas, Tehsil - Gangrar, District - Chittorgarh (Raj .).												
3.	Project Details M.L No./ Production Capacity	<table border="1"><tr><td>ML. No</td><td>:</td><td>06/2022</td></tr><tr><td>Area</td><td>:</td><td>2.46HECT.</td></tr><tr><td>Production (TPA)</td><td>:</td><td>1,85,388 (ROM)</td></tr><tr><td colspan="3">Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)</td></tr></table>	ML. No	:	06/2022	Area	:	2.46HECT.	Production (TPA)	:	1,85,388 (ROM)	Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)		
ML. No	:	06/2022												
Area	:	2.46HECT.												
Production (TPA)	:	1,85,388 (ROM)												
Details are given in cover page of Proposal obtaining of Environmental Clearance (Page No.: 1)														
4.	Project Cost	Project Cost: Rs200.0lacs/-(in Rs.)												
5.	Water requirement & Source	10 KLD (Source: Water will be sourced from nearby villages)												
6.	Fuel & Energy	No electricity will be required in mining operations as mining will be carried out in day time only.												
7.	Application no., Date of Documents Submitted	-												
8.	Information about Aravalli certificate	Aravalli Certificate has been issued by Mining Engineer, chittorgarh(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 map has been issued by Mining Engineer, chittorgarh(Raj) Area falling within 500 mts :-Nil										
11.	Environment Management Plan	Environment Management Plan Expenditures: Capital Cost : Rs. 30lacs Recurring Cost : Rs. 3.50 lacs per annum.										
		<b>Sr. No.</b>	<b>Particulars</b>				<b>Capital Cost (in Rs. Lac)</b>		<b>Recurring Cost (Rs. Lac)</b>			
		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.)				30		1.5			
		4	Contribution towards construction and maintenances of the kachha roads after consultation with the concerned gram panchayat.				-		0.7			
		<b>Total</b>				<b>30</b>		<b>3.50</b>				
12.	Gr & Plan	<b>Year</b>	<b>7.5 mtr. Safety barrier of the lease area</b>		<b>Outside the lease area</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>	<b>Area (Ha.)</b>	<b>No. of Trees</b>	<b>Area (Ha.)</b>	<b>No. of Trees</b>
		Existing										
		1st	0.8118	811	--	--	--	--	--	--	0.8118	811
		2nd	maintenance of plants									
		3rd	maintenance of plants									
		4th	maintenance of plants									
		5th	maintenance of plants									
		End of Life of Mine	--	--	--	--	-	-				
		<b>Total</b>	0.8118	811	--	--	-	-	--	--	0.8118	811
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 : 25,000/-			
		2.	Periodic Medical Examination once in three years @500 workers				-		22,500/-			
		3.	Group insurance @ Rs. 1500 per worker				-		67,500			
		4.	Provision for personal protective equipment (PPEs) like ear plugs, dust masks, helmet, shoes for 15 workers				-		45,000/-			
		5.	First Aid Box				-		4,000/-			
		<b>Total</b>				<b>2,00,000/-</b>		<b>1,64,000/-</b>				
14.	Present Status	Proposed Mine site.										

### Observations of the committee:-

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PPhas submitted application“EC for Granite Mining Project, ML. No.- 06/2022, Area- 2.46 Hect., Production Capacity- 185388 TPA (ROM) {Saleable Granite- 101963 Tonnes & Waste- 83425 Tonnes}, Khasra No.- 814/454, 816/455, Address: Village:- Rajyas, Tehsil - Gangrar, District - Chittorgarh (Raj.) (**Proposal No- 289061**). The project is covered under B2 category.

The ADM, Udaipur vide order dated 01.07.2022 has issued LoI to the PP for mining of Granite. The mining plan has been approved by the ADM, Udaipur vide letter dated 28.07.2022. ME, Chittorgarh in his certificate dated 12.07.2022 has stated that the mining lease does not fall in Aravali hills.

DCF (WL), Chittorgarh in his certificate dated 12.10.2022 has stated that there is no Wildlife Sanctuary/National Park/ CTH within 10 km periphery of the mine of Chittorgarh district and Bassi WLS is 10.13 Km from the applied lease area. DCF, Chittorgarh in his certificate dated 28.09.2022 has stated that there is no forest boundary within 10.0 Km periphery of the applied lease area.

DCF, Bhilwara in his certificate dated 06.12.2022 has stated that there is no Wildlife Sanctuary/National Park/ Conservation Reserve within 10 km periphery of the mine.

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 within 10 Km from the project site.

The ME, Chittorgarh in his certificate dated 21.12.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that there is no cluster formation.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri M/s Mateshwari Minerals, for Granite Mining Project, ML. No.- 06/2022, Area- 2.46 Hect., Production Capacity- 1,85,388 TPA (ROM) {Saleable Granite- 101963 Tonnes & Waste- 83425 Tonnes}, Khasra No.- 814/454, 816/455, Address: Village:- Rajyas, Tehsil - Gangrar, District - Chittorgarh (Raj.) (**Proposal No- 289061**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name:-** “EC for Granite Mining Project, ML. No.- 06/2022, Area- 2.46 Hect., Production Capacity- 185388 TPA (ROM) {Saleable Granite- 101963 Tonnes & Waste- 83425 Tonnes}, Khasra No.- 814/454, 816/455, Address: Village:- Rajyas, Tehsil - Gangrar, District- Chittorgarh (Raj.) (**Proposal No- 289061**). **Project Proponent Name-** M/s Mateshwari Minerals, Partners- 1) Sh. Krishan Gopal Sharma 2) Sh. Bhanwar Lal Sharma, Address - Plot no.-06, Shri Niwas Ward No. 53, New Yagya Bhawan, City Road, Kishangarh, District - Ajmer (Raj.), Email- [2022.mateshwariminerals@gmail.com](mailto:2022.mateshwariminerals@gmail.com)

**Agenda no. 10. File no. F1 (4)/SEIAA/SEAC-Raj/Seckt/Project / Cat. B2(21925)/ 2022-23**

**Project Name:-**“ Environmental Clearance for Quartz, Feldspar & Masonry Stone Mining Project ,ML No-07/1999 ,ML Area-4.8599 ha,Enhancement in production capacity of 100328 TPA (ROM) to 432550 TPA (ROM),Mineable Reserves- 5314301 Tonnes, Khasra No.- 1617,1618,1624,1625,1626,1627,1628,1629,1631,1632,1633,1648,1649,1651 Address: Village- Tiwari Ki Dhani, Tehsil- Khandela (Shrimadhampur), Distt- Sikar (Rajasthan) **(Proposal No-271437).**

**Project Proponent Name-** Smt. Usha Sharma W/o Bhawani Shankar Sharma, Address- R/o Chhapolli, Tehsil- Udaipurwati, Distt- Jhunjhunu (Raj.), Email- ushasharma7199@gmail.com.

**Consultant Name:-**Mantras Green Resources Ltd, Nice Sankul Plot No.- A-9, Hall No.- 1 , Opp. Nasik Marchant Co Op Bank Ltd, ITI Signal, Midcsatpur, Nasik).Email:- [Mantrasjaipur@gmail.com](mailto:Mantrasjaipur@gmail.com).

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP vide letter dated 22.12.2022 has submitted an application for deferment of the case due to deficiency 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. 11. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21935)/ 2022-23**

**Project Name:-** EC for Sand Stone Mining Project”, Plot No.- 169, Q.L. Area 1.0 ha, Production capacity- 50,749 TPA (ROM), Khasra No.- 320, Address: Village Khirja Fatehsingh, Tehsil-Shergarh, District – Jodhpur (Rajasthan) (**Proposal No- 402037**).

**Project Proponent Name-** Sh. Chela Ram Mundan S/o Sh. Sidha Ram, Address- N/v- Plot No,-47, Balaji Nagar, Pal Rural, Tehsil & District- Jodhpur (Raj.), Email: chelaramm2022@gmail.com.

**Consultant Name:-** Mantras Green Resources Ltd, Nice Sankul Plot No.- A-9, Hall No.- 1 , Opp. Nasik Marchant Co Op Bank Ltd, ITI Signal, Midsatpur, 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
2.	Location of Project	Near Village KhirjaFatehsingh, Tehsil- Shergarh, District – Jodhpur (Rajasthan)
3.	Project Details M.L. No. /Production capacity	Plot No.- 169 Area – 1.0 ha Production Capacity 50,749TPA Khasra No.- 320
4.	Project Cost:	Rs.50 Lakh
5.	Water Requirement & Source	<b>Total Water Required- 3.0 KLD</b> Domestic Purpose –0.5KLD Dust Suppression–1.0KLD plantation –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 :-	SIA/RJ/MIN/402037/ 2022
8.	Information about Aravalli Certificate.	SME/Bale/EC/Q.L./2022/2658dated 22.08.2022

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	AME/Bale/DM/EC/2022/2659 - dated 22.08.2022																																																																					
11.	Environment Management Plan	<p>Annual expenditure of in Rs.- 4,91,000per year</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Description of Item</th> <th>Cost Per Year ( inRs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Air Pollution Control –Water Sprinkling</td> <td>1,20,000</td> </tr> <tr> <td>2</td> <td>Environmental Monitoring and Management Occupational Health and Safety</td> <td>1,40,000</td> </tr> <tr> <td>3</td> <td>Green Belt Development</td> <td>2,31,000</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>4,91,000</b></td> </tr> </tbody> </table>	S. No.	Description of Item	Cost Per Year ( inRs.)	1	Air Pollution Control –Water Sprinkling	1,20,000	2	Environmental Monitoring and Management Occupational Health and Safety	1,40,000	3	Green Belt Development	2,31,000	<b>Total</b>		<b>4,91,000</b>																																																						
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12.	CSR /ESR Activates	Annual expenditure of in Rs.-1,00,000 per year.																																																																					
13.	Green Belt/ Plantation	<p>Annual expenditure of in Rs.- 2,31,000 per year</p> <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th colspan="2">Inside the lease area/Safety Barrier</th> <th colspan="2">(Outside) approach road connecting with mining lease and own khatedari Land</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> </tr> </thead> <tbody> <tr> <td><b>Existing</b></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td><b>I</b></td> <td>0.1390</td> <td>139</td> <td>0.0263</td> <td>26</td> <td>0.1653</td> <td>165</td> </tr> <tr> <td><b>II</b></td> <td>0.1385</td> <td>139</td> <td>0.0262</td> <td>26</td> <td>0.1647</td> <td>165</td> </tr> <tr> <td><b>III</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>IV</b></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td><b>V</b></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td><b>VI years onwards</b></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td><b>Total</b></td> <td><b>0.2775</b></td> <td><b>278</b></td> <td><b>0.0525</b></td> <td><b>52</b></td> <td><b>0.33</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</i></p>	Year	Inside the lease area/Safety Barrier		(Outside) approach road connecting with mining lease and own khatedari Land		Total		Area (Ha.)	No. Of Trees	Area (Ha.)	No. Of Trees	Area (Ha.)	No. Of Trees	<b>Existing</b>	-	-	-	-	-	-	<b>I</b>	0.1390	139	0.0263	26	0.1653	165	<b>II</b>	0.1385	139	0.0262	26	0.1647	165	<b>III</b>							<b>IV</b>	-	-	-	-	-	-	<b>V</b>	-	-	-	-	-	-	<b>VI years onwards</b>	-	-	-	-	-	-	<b>Total</b>	<b>0.2775</b>	<b>278</b>	<b>0.0525</b>	<b>52</b>	<b>0.33</b>	<b>330</b>
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		<p><b>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>➤ Total 330 plants will be planted on 0.33 ha area. Out of which 0.2778ha 278 Plants) plantation will be done on periphery of lease area (safety barriers) &amp; rest (Area- 0.0525 ha. (52 plants) plantation will be done on will be done along with approach road connecting with mining lease and own Government Land</li> <li>➤ Plant Species- <i>Neem (Azadirachta indica)</i>, <i>Khejri (Prosopis Cineraria)</i> Etc.</li> </ul>
14.	Budgetary Breakup for Labour	Annual expenditure of in 55,000 per year
15.	Present Status :-	<ul style="list-style-type: none"> <li>➤ This is a new mining lease of Sand Stone Mining Project, located situated Near Village-Khirja Fatehsingh, Tehsil- Shergarh, District – Jodhpur (Rajasthan) over an area of 1.0 hectares.</li> <li>➤ The LOI was issued in favor of <b>Sh. Chelaram Mundan S/o Sh. Sidha Ram</b> vide order no AME/BALE/Minor-Mineral/CC/Q.L. Plot No. 169/2021-22/850 Dated – 04.04.2022</li> <li>➤ Approval of Simplified mining Scheme was approved under Rule 29(2) Of Rajasthan Miner-Mineral Concession Rules 2017 vide letter no AME/BLR/Q.L./Plot No.-169/2022/105 Dated– 30.08.2022</li> <li>➤ <b>As per EIA Notification dated 14.09.2006, as amended from time to time this mining project comes under ‘B2’ Category.</b></li> </ul>

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for EC of Sand Stone Mining Project”, Plot No.- 169, Q.L. Area 1.0 ha, Production capacity- 50,749 TPA (ROM), Khasra No.- 320, Address: Village Khirja Fatehsingh, Tehsil- Shergarh, District – Jodhpur (Rajasthan) (**Proposal No- 402037**). The project is covered under B2 category.

The AME, Balesar vide order dated 04.04.2022 has issued LoI to the PP for mining of Sand Stone. The mining plan has been approved by the AME, Balesar vide letter dated 30.08.2022. AME, Balesar in his certificate dated 22.08.2022 has stated that the mining lease does not fall in Aravali hills.

DCF, Jodhpur in his certificate dated 25.10.2021 has stated that applied lease is not a forest area. DCF (WL) Jodhpur in his certificate dated 19.09.2022 has stated that there is no Wildlife Sanctuary/National Park/ CTH/ Guda Vishnoi Conservation Reserve/ Kheechan

Conservation Reserve within 10 km periphery of the mine. The PP in Form-1 stated that there is no protected area within 15.0 Km from the applied lease area.

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 within 10 Km from the project site.

The AME, Balesar in his certificate dated 22.08.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that there is no cluster formation.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Sh. Chela ram Mundan S/o Sh. Sidha Ram, for Sand Stone Mining Project”, Plot No.- 169, Q.L. Area 1.0 ha, Production capacity- 50,749 TPA (ROM), Khasra No.- 320, Address: Village Khirja Fatehsingh, Tehsil- Shergarh, District – Jodhpur (Rajasthan) (**Proposal No- 402037**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name:-** “EC for Sand Stone Mining Project”, Plot No.- 169, Q.L. Area 1.0 ha, Production capacity- 50,749 TPA (ROM), Khasra No.- 320, Address: Village Khirja Fatehsingh, Tehsil- Shergarh, District – Jodhpur (Rajasthan) (**Proposal No- 402037**). **Project Proponent Name-** Sh. Chela Ram Mundan S/o Sh. Sidha Ram, Address-N/v- Plot No,-47, Balaji Nagar, Pal Rural, Tehsil & District- Jodhpur (Raj.), [Email-chelaramm2022@gmail.com](mailto:Email-chelaramm2022@gmail.com).

**Agenda no. 12. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21958)/ 2022-23**

**Project Name:-** EC for Quartz & Feldspar Mining Lease, M.L. No. 32/04, Area: 4.73 ha, Production capacity- 2,78,460 TPA (ROM) (Minerals- 2,22,770 TPA and Waste- 55,690 TPA), Khasra No.- 746, Address: Village- Buchara, Tehsil- Kotputli, District- Jaipur (Rajasthan) (**Proposal No- 83131**).

**Project Proponent Name-** M/s Narayan Minerals, Partner/Authorized Signatory- Shri Mahesh Kumar S/o Shri Suraj Mal Choudhary, Address-Ward no.-2,Dhani Baldeojiwali, Tehsil-Shahpura,District-Jaipur, Rajasthan, Email- narayanminerals086@gmail.com.

**Consultant Name:-**Mantras Green Resources Ltd, Nice Sankul Plot No.- A-9, Hall No.- 1 , Opp. Nasik Marchant Co Op Bank Ltd, ITI Signal, Midcsatpur, Nasik). Email:- [Mantrasjaipur@gmail.com](mailto:Mantrasjaipur@gmail.com).

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for EC of Quartz & Feldspar Mining Lease, M.L. No. 32/04, Area: 4.73 ha, Production capacity- 2,78,460 TPA (ROM) (Minerals- 2,22,770 TPA and Waste- 55,690 TPA), Khasra No.- 746, Address: Village- Buchara, Tehsil- Kotputli, District- Jaipur (Rajasthan) (**Proposal No- 83131**). The project is covered under B2 category.

This is an existing Mine. Initially lease was granted in favour of Sh. Ashwani Kumar Bajaj S/o Sh. Vidhyasagar Bajaj over an area of 4.73 Hectare for Quartz, Feldspar vide letter dated 27.05.2008. The lease was executed on 29.08.2008 and registered on 08.09.2008 for a period of 30 years. The lease was transferred to M/S Narayan Minerals vide letter dated 01.04.2016. The lease period was auto extended for 50 years from date of registration i.e. valid from 08.09.2008 to 07.09.2058.

The project was also considered earlier in terms of OM dated 12.12.2018 of the MoEF& CC by SEAC in its 4.91<sup>th</sup> meeting held on 29<sup>th</sup> June, 30<sup>th</sup> June and 01<sup>st</sup> July, 2021

Abstract of 5A.42<sup>nd</sup> meeting held on 21-23 Dec, 2022

prescribing ToR undertaking EIA studies and for preparing EMP and to prepare Remediation Plan, Natural Resource Augment Plan and Community Resource Augmentation plan as the project is one of the violation of the EIA notification. The SEIAA vide letter dated 27.08.2021 asked the PP to conduct EIA studies and prepare EMP for the Project regarding exemption of public hearing.

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 2021 to May, 2021.

The Mining Plan has been approved by the SME, Jaipur vide letter dated 12.03.2021. AME, Kotputli vide certificate on dated 23.02.2022 has stated that the mining lease does not fall in Aravali Hills.

DCF (WL) Zoo, Jaipur in his certificate dated 20.12.2019 has stated that the distance of mining lease from the boundary of Nahargarh WLS & ESZ of Nahargarh WLS is 60.368 km & 50.258 km, respectively.

DCF, Sikar in his certificate dated 02.03.2022 has stated that there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine of Sikar District.

DCF (WL) Jaipur in his certificate dated 07.03.2022 has stated that the distance of project area from the boundary of Jamwaramgarh WLS & ESZ of Jamwaramgarh WLS is 43.72 km & 43.14 km, respectively.

DCF, Jaipur (North) vide certificate dated 09.05.2022 has stated that the proposed area is not a forest area and the nearest protected forest block is at a distance of about 200 meters from the boundary of Gawdi 68. It is also mentioned in the certificate that Schedule-1 species occurs in the area of 10 Km radius of the applied lease so the PP is required to submit conservation plan to concerned DCF and the submit the copy of same to SEAC.

The PP has submitted certificate from XEN, WRD Jaipur dated 21.02.2022 regarding distance of Buchara Dam from the applied area in accordance with the OM dated 14.02.2022 of MoEF & CC. The committee went through the certificate and found it inadequate in terms of OM dated 14.02.2022 of MoEF & CC. So the PP is required to submit the same.

The AME, Kotputli vide certificate dated 23.02.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that there is no Cluster formation. The committee deliberated that the certificate is more than six months old. So the PP is required to submit revised recent cluster certificate from the mining department in accordance with the MOEF & CC notification dated 01.07.2016.

The project being one of major mineral before 10.02.2015 with respect to Quartz, Feldspar having lease area of 4.73 hectare, came under the purview of the EIA notification dated 07.10.2014 of the MoEF & CC. According to the certificate dated 18.03.2021 of AME, Kotputli production of mineral in the base year 2013-2014 was NIL for Quartz and 480 Tonnes for Feldspar. Thereafter production of Feldspar was increased from the base year 2013-2014 production 480 Tonto 2295 Ton in the year 2016-2017 without obtaining EC from the regulatory authority. 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. However, the PP has not submitted the certified production figures after 28.02.2021, so PP needs to submit the certified production figures till date.

The PP has submitted the final EIA/EMP report along with reports of Remediation Plan, Natural Resource Augmentation Plan, Community Resource Augmentation and Economic Benefit derived due to violation and penalty calculation. The committee deliberated that the PP has not submitted CA certificate regarding turnover and authentic project cost. So the PP is required to submit CA certificate including the turnover and project cost and submit the above reports after thorough assessment on behalf of the project cost and in accordance with the SOPs issued under OM dated 07.07.2021 and 28.07.2022.

Therefore, the Committee asked PP to submit the required documents within a period of 45 days failing which the project shall be recommended to SEIAA for closure and delistment:

1. Copy of conservation plan.
2. WRD certificate in terms of OM dated 14.02.2022 of MoEF & CC.
3. Revised recent cluster certificate from the mining department in accordance with the MOEF & CC notification dated 01.07.2016.
4. Certified production figures from Mining Department after 28.02.2021 to till date.
5. CA certificate regarding turnover and authentic project cost and in accordance with the SOPs issued under OM dated 07.07.2021 and 28.07.2022.

**Agenda no. 13. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21923)/ 2022-23**

**Project Name-** EC for Granite (Minor Mineral) mining project, M.L No-0 8/2022, Ref. No.- 20221000059191, Area – 1.805 Hectare, Proposed Production capacity -172012.5 TPA (ROM) {Saleable Granite- 86006.25 TPA & Waste- 86006.25 TPA}, Khasra No.- 398/1, located Near Village-Kila, Tehsil–Dudu, District –Jaipur (Rajasthan) (**Proposal No- 401003**).

**Project Proponent Name-**Shri Gajendra S/o Shri Jivraj, R/o- Gram- Muhana, Tehsil- Sanganer, Dist-Jaipur (Raj), [Email-gajendragranite@outlook.com](mailto:Email-gajendragranite@outlook.com).

**Consultant Name:-**Atmos Sustainable Solutions Pvt.Ltd, Address Plot No.Sc-40, 3rd Floor, S-Block, Narayan Vihar,Jaipur-302020,Email-[Vibranttechnolab@Gmail.com](mailto:Vibranttechnolab@Gmail.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-Kila, Tehsil–Dudu, District – Jaipur (Rajasthan)
3.	Project Details M.L. No. /Production capacity	Granite (Minor Mineral) Mining Project Ref. No.- 20221000059191 (M.L. No – 08/2022) & Khasra No.- 398/1 over an area – 1.805 Hectare with proposed Production capacity -172012.5 TPA (ROM) {Saleable Granite- 86006.25 TPA & Waste- 86006.25 TPA} located Near Village-Kila, Tehsil–Dudu, District – Jaipur (Rajasthan) by Shri Gajendra. Shri Gajendra S/o Shri Jivraj.
4.	Project Cost :	Rs 128 Lakhs
5.	Water Requirement & Source	3.5 KLD (Tanker Water Supply from nearby village)
6.	Fuel & Energy	150-200 Litre/day Fuel will be required for mining machineries.
8	Information about Aravalli Certificate	ME/Jai/CC-1/Ref No-20221000059191/ML No-08/22/725 dated: 26.07.2022.
9.	Application No.& Date & documents submitted	Online Submitted to SEIAA, Proposal no :- SIA/RJ/MIN/401003/2022 dated- 22.09.2022.
9	Date of Air/Water/Noise Monitoring	Environment Monitoring was carried out by NABL approved laboratory.
10	Information about Topo-sheet map	45 N/2

**Environment Sensitivity:-**

1	Nearest Village	Kila village at a distance of 2.5 Km in SE direction from the mine site
2	Nearest Railway Station	Sali Railway Station at a distance of 5.90 Km in NW direction from the mine site.
3	Nearest Airport	Kishangarh Airport at a distance Approx 25.38 Km in SW direction from the mine site.
4	Nearest National / State Highway	NH-48 at a distance of 3.80 Km. in SE direction From mine Site.
5	Archaeological Important Place	No any Archaeological Important Place is found within 15 Km radius of the mine site.
6	National Park, Wild Life Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/ Elephant Reserve, Reserve / Protected Forest within 10 km radius of study area.	<b>Pf/RF</b> <input type="checkbox"/> Sakhun A P.F at a distance of 4.0 Km. NE direction from mine site. <input type="checkbox"/> Bir Didwara P.F at a distance of 10.15 Km. SW direction from mine site. <input type="checkbox"/> Mala P.F at a distance of 12.0 Km. S direction from mine site. <input type="checkbox"/> Bir Sargaon P.F at a distance of 14.50 Km. SW direction from mine site. <b>No any Ecological Sensitive Park, National Park or Wildlife</b>

		<i>sanctuary Conservation Reserve etc are exist within 15 km radius of mining lease area.</i>
7	Nearest River / water body	<p>📍 Bala Nadi at a distance of 0.13 Km. S direction from mine site.</p> <p>📍 Mahi Nadi at a distance of 13.97 Km. S direction from mine site.</p> <p><b>WRD Certificate has been issued by water resources division Jaipur Vide letter dated 22.09.2022.</b></p>
8	Inter-State Boundary	No any Interstate Boundary exist within 15 Km radius of the project
9	Seismic Zone	Zone – II

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	-	45,000/-
3	Pollution Monitoring of Ambient Air, Noise, Water & Soil Quality	-	25,000/-
4	Plantation/Green Belt & maintenance	6,00,000/-	4,90,000/-
5	Wire fence around mining pits	1,00,000/-	5000/-
6	Occupational health check-up in a year	-	15,000/-
7	Provision of PPES (helmet shoes gloves goggles etc.)	-	47,000/-
8	Emergency rescue fire fighting equipments and first aid	50,000/-	5,000/-
9	Rainwater harvesting in nearby Govt. School/PHC Centre & Gram Panchayat	2,00,000/-	30,000/-
10	Construction of Garland drains, retaining wall & Settling tank	1,50,000/-	10,000/-
<b>TOTAL</b>		<b>11, 00,000/-</b>	<b>7,12,000/-</b>

12 Green Belt/ Plantation

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	0.10	100	0.20	200	(Plant Cost-300/-) 2,16,000/- (Tree Guard Cost-500/) 3,00,000/-	Maintenance/Watering/Manuring Cost- 4,20,000/- (Rs. 700/-per plant)	Neem, Karanj, Dhok, Siris AmAtlas, Khirni, Churel, & other native species	Plantation will be done inside the lease area in 7.5 m safety zone boundary
2023-24	0.10	100	0.20	200				
2024-	Replacement of	Replacement of	Replacement of	Replacement of				

25	Non- Survival Species @ 20 % i.e. 20 Nos. (year 2023-24)	Non- Survival Species @ 20 % i.e. 40 Nos. (year 2023-24)			suggested by forest officials	& Outside Lease area at khasra No-155 in Village Kila.
2025-26	Maintenance/Watering/Manuring					
2026-27						
Total	Plantation at safety zone 0.20    200	Outside the lease area 0.40    400	5,16,000/-	4,20,000/-		
Additional Plantation at the Periphery of the connecting unpaved road nearby mine site. (100 Tress)			86,000/-	70,000/-		
<b>Total</b>			<b>6,02,000/-</b> (say 6,00,000/-)	<b>4,90,000/-</b>		

Total 33% of the lease area (0.60 ha.) will be developed as greenbelt out of which 0.20 Ha area will be developed at inside the safety zone of the lease area & remaining area i.e. 0.40 Ha lease area will be developed as a green belt at outside lease area at khasra No-155 in Village Kila. The outside plantation NOC has been issued by Tehsildar Dudu vide letter dated- 29.09.2022.

Total 600 Nos. plants will be planted at inside & outside the lease

- ✿ Total 200 Plants will be planted at inside the lease area & remaining 400 plants will be at outside the lease area.
- ✿ Spacing between plant to plant -3.5 meter & Size of Pit (in Cm)-50x50x50
- ✿ 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 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

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	-	10000



		5	Medical facility for labors	-	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. 12000 Ear plugs @50 Rs (2 times in month) – Rs. 12000 Helmets @ 450 Rs (1 time in year) – Rs. 4500	--	47500
		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>1,14,500/-</b>
14	Present Status			New Mining Project	

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PPhas submitted application for EC of Granite (Minor Mineral) mining project, M.L No-0 8/2022, Ref. No.- 20221000059191, Area – 1.805 Hectare, Proposed Production capacity - 172012.5 TPA (ROM) {Saleable Granite- 86006.25 TPA & Waste- 86006.25 TPA}, Khasra No.- 398/1, located Near Village-Kila, Tehsil–Dudu, District –Jaipur (Rajasthan) (**Proposal No- 401003**). The project is covered under B2 category.

The ADM, Jaipur vide order dated 15.07.2022 has issued LoI to the PP for mining of Granite. The mining plan has been approved by the ADM, Jaipur vide letter dated 02.09.2022. ME, Jaipur in his certificate dated 26.07.2022 has stated that the mining lease does not fall in Aravali hills.

DCF (WL), Jaipur in his certificate dated 02.08.2022 has stated that the distance of project area from the boundary of Jamwaramgarh WLS & ESZ of Jamwaramgarh WLS is 100.79 km & 99.76 km respectively.

DCF(WL), Zoo Jaipur in his certificate dated 02.08.2022 has stated that the distance of project area from the boundary of Nahargarh WLS & ESZ of Nahargarh WLS is 79.700 km & 77.60 km, respectively.

DCF, Jaipur in his certificate dated 29.07.2022 has stated that applied mining area is 4.0 km from the forest boundary of the nearest forest block Sakhun-A and there is no Wildlife Sanctuary/National Park/Conservation Reserve within 10 km periphery of the office jurisdiction.

DCF, (Tiger Project) Sariska vide certificate dated 02.08.2022 has stated that the distance of mining lease from boundary of Sariska WLS Sanctuary, Sariska Tiger reserve, Critical Tiger habitat & buffer zone is 139.100 km , 137.720 km, 137.720 km & 142.400 km, respectively.

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 within 10 Km from the project site.

The PP has submitted EE, WRD, Jaipur vide letter dated 22.09.2022 regarding distance of nallah from the applied area.

The ME, Jaipur in his certificate dated 26.07.2022 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 is 4.3582 hectare.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Gajendra S/o Shri Jivraj, for Granite (Minor Mineral) mining project, M.L No-0 8/2022, Ref. No.- 20221000059191, Area – 1.805 Hectare, Proposed Production capacity -172012.5 TPA (ROM) {Saleable Granite- 86006.25 TPA & Waste- 86006.25 TPA}, Khasra No.- 398/1, located Near Village-Kila, Tehsil–Dudu, District –Jaipur (Rajasthan) (**Proposal No- 401003**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name-** “EC for Granite (Minor Mineral) mining project, M.L No-0 8/2022, Ref. No.- 20221000059191, Area – 1.805 Hectare, Proposed Production capacity -172012.5 TPA (ROM) {Saleable Granite- 86006.25 TPA & Waste- 86006.25 TPA}, Khasra No.- 398/1, located Near Village-Kila, Tehsil–Dudu, District –Jaipur (Rajasthan) (**Proposal No- 401003**). **Project Proponent Name-**Shri Gajendra S/o Shri Jivraj, R/o- Gram- Muhana, Tehsil- Sanganer, Dist- Jaipur(Raj),Email-gajendragranite@outlook.com.

**Agenda no. 14. File no. F1 (4)/SEIAA/SEAC-Raj/Seckt/Project / Cat. B2(21926)/ 2022-23**

**Project Name:-** EC for Quartz and Feldspar mining project, M.L No- 11/2022, Ref. No.- 20221000055088, Area – 2.7127 Hectare, Proposed Production capacity– 2,63,515 (ROM) {Saleable Mineral- 2,08,202 TPA, Waste- 26,025 TPA, Subgrade- 26,025 TPA & Overburden- 3,263 TPA}, Khasra No.- 961 and 965, Address- Village- Panund, Tehsil– Kanore, District – Udaipur (Rajasthan) **(Proposal No- 401417).**

**Project Proponent Name-** Shri Ajay Kumar Dubey S/o Sh. Ramakant Dubey, Address-R/o Vikas Nagar, Senti Bypass Road, Madhuban, Dist- Chittorgarh (Rajasthan), Email- [ajaykumardubeycb2@rediffmail.com](mailto:ajaykumardubeycb2@rediffmail.com).

**Consultant Name:-** M/s Atmos Sustainable Solutions Pvt. Ltd.  
Address- A-73, 3rd Floor, Sector 65, Noida, UP  
[Email-vibranttechnolab@gmail.com](mailto:Email-vibranttechnolab@gmail.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- Panund, Tehsil– Kanore, District – Udaipur (Rajasthan)
3.	Project Details M.L. No. /Production capacity	Quartz and Feldspar (Minor Mineral) mining project M.L No- 11/2022 & Khasra No.- 961 and 965 over an area – 2.7127 Hectare with proposed Production capacity – 2,63,515 (ROM) {Saleable Mineral- 2,08,202 TPA, Waste- 26,025 TPA, Subgrade- 26,025 TPA & Overburden- 3,263 TPA} located Near Village- Panund, Tehsil– Kanore, District – Udaipur (Rajasthan) proposed by Shri Ajay Kumar Dubey S/o- Shri Ramakant Dubey.
4.	Project Cost :	Rs 130 Lakhs
5.	Water Requirement & Source	3.5 KLD (Tanker Water Supply from nearby village)
6.	Fuel & Energy	150-200 Litre/day Fuel will be required for mining machineries.
8.	Information about Aravalli Certificate	ME/Udai/CC/Kanore/11/2022/189 dated: 16.09.2022.
9.	Application No.& Date & documents submitted	Online Submitted to SEIAA, Proposal no :- SIA/RJ/MIN/401417/2022 dated- 26.09.2022.
9	Date of Air/Water/Noise Monitoring	Environment Monitoring was carried out by NABL approved laboratory.
10	Information about Topo-sheet map	45 L/3

**Environment Sensitivity:-**

1	Nearest Village	Panund at a distance of 1.45 Km In West Direction from the mine site.
2	Nearest Railway Station	Kanor Railway Station at a distance of 16.05 Km in NE direction from the mine site.
3	Nearest Airport	Udaipur Airport at a distance Approx 39 Km in NW direction from the mine site.
4	Nearest National / State Highway	SH-53 at a distance of 0.50 Km in SE direction From mine Site.
5	Archaeological Important Place	No any Archaeological Important Place found within 15 km distance from the periphery of lease 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>• Panunda RF at a distance of 0.55KM in North direction from the mine Site</li> <li>• Holi Magra RF at a distance of 1.0 KM in South east direction from the mine Site</li> <li>• Tekan RF at a distance of 2.30 KM in SE direction from the mine Site</li> <li>• Dhawadi RF at a distance of 3.15 KM in South direction from the mine Site</li> <li>• Bambora RF at a distance of 5.40 KM in NW direction from the mine Site</li> <li>• Ashoka RF at a distance of 6.15 KM in North east direction from the mine Site</li> <li>• Aanjani PF at a distance of 12.62 KM in South direction from the mine Site</li> <li>• Salumbar RF at a distance of 13.80 KM in North east direction from the mine Site</li> </ul> <p><i>No any other Ecological Sensitive Park, National Park or Wildlife sanctuary Conservation Reserve etc exists within 15 km radius of mining lease area.</i></p>
7	Nearest River / water body	<ul style="list-style-type: none"> <li>▪ Gomti Nadi at a distance of 0.78 KM in East direction from the mine Site.</li> <li>▪ Panund Anicut at a distance of 1.10 KM in West direction from the mine Site.</li> <li>▪ Kherati Nadi at a distance of 3.70 KM in SE direction from the mine Site</li> <li>▪ Bhangar Nadi at a distance of 4.13Km in North East direction from the mine Site</li> <li>▪ Makreri Nadi at a distance of 10.16 in North West direction from the mine Site</li> <li>▪ Jamri Nadi at a distance of 11.73 in South West direction from the mine Site</li> <li>▪ Jaisamand Lake at a distance of 14.53 in South West direction from the mine Site.</li> </ul>
8	Inter-State Boundary	No any Interstate Boundary exist within 15 Km radius of the project
9	Seismic Zone	Zone – II

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	-	30,000/-
4	Plantation/Green Belt & maintenance	8,60,000/-	7,00,000/-
5	Wire fence around mining pits	1,00,000/-	10,000/-
6	Occupational health check-up in a year	-	22,500/-
7	Provision of PPES (helmet shoes gloves goggles etc.)	-	71,250/-
9	Emergency rescue fire fighting equipments and first aid	50,000/-	5,000/-
10	Rainwater harvesting in nearby Govt. School/PHC Centre & Gram Panchayat	2,00,000/-	30,000/-
11	Construction of Garland drains & Settling tank	1,50,000/-	8,000/-
<b>TOTAL</b>		<b>13,60,000/-</b>	<b>9,66,750/-</b> (say <b>8,68,000</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	0.10	100	0.40	400	(Plant Cost-300/-) 1,83,000/- (Tree Guard Cost-500/) 2,55,000/-	Maintenance/Watering/ Manuring Cost- 3,57,000/- (Rs. 700/-per plant)	Karanj, Ardu, Siras, Amaltas, Neem, Palash & other native species suggested by forest officials	Plantation will be done inside the lease area in 7.5 m safety zone boundary & Outside Lease area at Khasra 960 in village Panund.
2023-24	-	-	0.40	400				
	Replacement of Non- Survival Species @ 20 % i.e. 20 Nos. (year 2022-23)		Replacement of Non- Survival Species @ 20 % i.e. 80 Nos. (year 2022-23)					
2024-25	-		Replacement of Non- Survival Species @ 20 % i.e. 80 Nos. (year 2023-24)					
2025-26	Maintenance/Watering/Manuring							
2026-27								
<b>Total</b>	<b>Plantation at safety zone</b>		<b>Outside the lease area</b>					
	<b>0.10</b>	<b>100</b>	<b>0.80</b>	<b>800</b>				
<b>Additional Plantation at the Periphery of the connecting unpaved road nearby mine site.(100 Tress)</b>					<b>86,000/-</b>	<b>70,000/-</b>		
<b>Total</b>					<b>8,60,000</b>	<b>7,00,000/-</b>		

\* Total 33% of the lease area (0.90 ha.) will be developed as greenbelt out of which 0.10 Ha area will be developed at inside the safety zone of the lease area & remaining area i.e. 0.80 Ha lease area will be developed as a green belt at outside lease area at Khasra No-960 in village Panund. Outside Plantation NOC has been issued by Tehsildar Kanod vide letter dated-15.12.2022.

Total 900 Nos. plants will be planted at inside & outside the lease

- ✿ Total 100 Plants will be planted at inside the lease area & remaining 800 plants will be at outside the lease area Khasra No-960 in village Panund.
- ✿ 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 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

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	-	10,000
5	Medical facility for labors	-	5,000
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. 10,000 Hand Gloves @300 Rs (3 times/year) – Rs. 9,000 Face mask @50 Rs (2 times in month) – Rs. 12000 Ear plugs @50 Rs (2 times in month) – Rs. 12000 Helmets @ 450 Rs (1 time in year) – Rs. 4500	--	71,250
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>1,45,750/-</b>

14 Present Status

New Mining Project

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for EC of Quartz and Feldspar mining project, M.L No-11/2022, Ref. No.- 20221000055088, Area – 2.7127 Hectare, Proposed Production capacity– 2,63,515 (ROM) {Saleable Mineral- 2,08,202 TPA, Waste- 26,025 TPA, Subgrade- 26,025 TPA & Overburden- 3,263 TPA}, Khasra No.- 961 and 965, Address- Village- Panund, Tehsil– Kanore, District – Udaipur (Rajasthan) (**Proposal No- 401417**). The project is covered under B2 category.

The ADM, Udaipur vide order dated 08.08.2022 has issued LoI to the PP for mining of Quartz and Feldspar. The mining plan has been approved by the SME, Udaipur vide letter dated 09.09.2022. ME, Udaipur in his certificate dated 16.09.2022 has stated that the mining lease does not fall in Aravali hills.

DCF, Udaipur (North) in his certificate dated 04.08.2022 has stated Panund forest Block is 550 meters from the applied lease area. He further stated that Sitamata WLS is at a distance of 20-22 km from the applied area and there is no WLS within 10 km periphery of the mine.

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 within 10 Km from the project site.

The AME, Sawar in his certificate dated 16.09.2022 has stated the total area of all the mining leases in the cluster having area of 2.7127 hectare.

## **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Ajay Kumar Dubey S/o Sh. Ramakant Dubey, for Quartz and Feldspar mining project, M.L No-11/2022, Ref. No.- 20221000055088, Area – 2.7127 Hectare, Proposed Production capacity– 2,63,515 (ROM) {Saleable Mineral- 2,08,202 TPA, Waste- 26,025 TPA, Subgrade- 26,025 TPA & Overburden- 3,263 TPA}, Khasra No.- 961 and 965, Address- Village- Panund, Tehsil– Kanore, District – Udaipur (Rajasthan) (**Proposal No- 401417**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name:-** EC for Quartz and Feldspar mining project, M.L No- 11/2022, Ref. No.- 20221000055088, Area – 2.7127 Hectare, Proposed Production capacity– 2,63,515 (ROM) {Saleable Mineral- 2,08,202 TPA, Waste- 26,025 TPA, Subgrade- 26,025 TPA & Overburden- 3,263 TPA}, Khasra No.- 961 and 965, Address- Village- Panund, Tehsil– Kanore, District – Udaipur (Rajasthan) (**Proposal No- 401417**). **Project Proponent Name-** Shri Ajay Kumar Dubey S/o Sh. Ramakant Dubey, Address-R/o Vikas Nagar, Senti Bypass Road, Madhuban, Dist- Chittorgarh (Rajasthan), [Email-ajaykumardubeycb2@rediffmail.com](mailto:ajaykumardubeycb2@rediffmail.com).

**Agenda no. 15. File no. F1 (4)/SEIAA/SEAC-Raj/Seckt/Project / Cat. B2(21938)/ 2022-23**

**Project Name:-** EC for Masonry Stone Mining Project, Ref. No.- 20211000043197, Area- 1.3727 Ha, Production Capacity- 1,58,550 TPA (ROM) {Saleable Masonry Stone- 150622 TPA, Waste- 7928 TPA}, Khasra No. 2085/1170, 2076/1167, Near Village – Devriya, Tehsil– Talera, District– Bundi, Rajasthan (**Proposal No- 277505**).




**Project Proponent Name-** Shri Gaurav Kumar Pareta S/o Shri Shyam Sunder Pareta, Address- 223, Main Bazar, Ganeshganj, District-Kota, Rajasthan, Email-gauravpareta97@gmail.com.

**Consultant Name:-** M/s Atmos Sustainable Solutions Pvt. Ltd.  
Address- A-73, 3rd Floor, Sector 65, Noida, UP  
[Email-vibranttechnolab@gmail.com](mailto:Email-vibranttechnolab@gmail.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- Devriya, Tehsil- Talera, District- Bundi, Rajasthan
3.	Project Details M.L. No. /Production capacity	Masonry Stone (Minor Mineral) Mining Project” [Reference. No.- 20211000043197, ML No-05/2021 Khasra No. 2085/1170, 2076/1167] over an area of 1.3727 Ha, with Proposed Production Capacity- 1,58,550 TPA ROM {Saleable Masonry Stone-1,50,622 TPA, Waste– 7,928 TPA} located Near Village- Devriya, Tehsil- Talera, District- Bundi, Rajasthan by Shri Gaurav Pareta S/o Shri Shyam Sunder Pareta.
4.	Project Cost :	Rs 86 Lakhs
5.	Water Requirement & Source	3.0 KLD (Tanker Water Supply from nearby village)
6.	Fuel & Energy	150-200 Litre/day Fuel will be required for mining machineries.
8.	Information about Aravalli Certificate	ME/Bundi-II/ Machi /85 dated: 08.06.2022.
9.	Application No.& Date & documents submitted	Online Submitted to SEIAA, Proposal no :- SIA/RJ/MIN/ 277505 /2022 dated- 09.06.2022
9	Date of Air/Water/Noise Monitoring	Environment Monitoring was carried out by NABL approved laboratory.
10	Information about Topo-sheet map	45 O/12

**Environment Sensitivity:-**

1	Nearest Village	Devriya village is at a distance of 1.55 Km in NW direction from mine site
2	Nearest Railway Station	Thalera Railway Station is at a distance of 13.40 Km in NE direction from mine site
3	Nearest Airport	Udaipur Dabok Airport is at a distance of ~ 193 Km. in SW direction from mine site.
4	Nearest National / State Highway	 NH-27 at a distance of 7.15 Km in NE direction From mine Site.  NH-52 at a distance of 9.90 Km in SE direction From mine Site.  SH-33 at a distance of 13.55 Km in SE direction From mine Site.
5	Archaeological Important Place	No any Archaeological Important Place found within 15 km distance from the periphery of lease area.
6	National Park, Wild Life Sanctuaries, Biosphere Reserves,	<b><u>Wildlife Sanctuary:</u></b> ➤ National Chambal Sanctuary at a distance of 7.45 km in SE



	Wildlife Corridors, Tiger/ Elephant Reserve, Reserve / Protected Forest within 10 km radius of study area.	<p><i>direction from the mine site.</i></p> <p><b><u>Tiger Reserve:</u></b></p> <p>➤ <i>Mukundara Tiger Reserve at a distance of 8.86 km in SE direction from the mine site.</i></p> <p><b><u>PF/RF</u></b></p> <ul style="list-style-type: none"> <li>• Rampuriya P.F. at a distance of 1.15 km in SE direction from the mine site.</li> <li>• Kachalia P.F. at a distance of 1.80 km in W direction from the mine site.</li> <li>• Jakhmund P.F. at a distance of 3.10 km in NE direction from the mine site.</li> <li>• Bharta Bavdi P.F. at a distance of 5.40 km in N direction from the mine site.</li> <li>• Lakshmipura P.F. at a distance of 5.50 km in NW direction from the mine site.</li> <li>• Amlat Anarkhoh P.F. at a distance of 5.95 km in NW direction from the mine site.</li> <li>• Khadipur P.F. at a distance of 6.10 km in SW direction from the mine site</li> </ul> <p><b><i>No any other Ecological Sensitive Park, National Park or Wildlife sanctuary Conservation Reserve etc exists within 15 km radius of mining lease area.</i></b></p>
7	Nearest River / water body	<ul style="list-style-type: none"> <li>▪ Seasonal Nala at a distance of 0.18 km in E direction from the mine site.</li> <li>▪ Bardha ka Talav at a distance of 1.50 km in N direction from the mine site.</li> <li>▪ Talera Nadi at a distance of 5 km in N direction from the mine site.</li> <li>▪ Chambal River at a distance of 8.40 km in SE direction from the mine site.</li> <li>▪ Ghora Pacchar Nadi at a distance of 10.55 km in NW direction from the mine site.</li> </ul>
8	Inter-State Boundary	No any Interstate Boundary exist within 15 Km radius of the project
9	Seismic Zone	Zone – II

11	Environment Management Plan																																																		
	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>PARTICULAR</th> <th>CAPITAL COST (IN RS.)</th> <th>RECURRING COST (IN RS./YEAR)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water sprinkle facility on haul roads to prevent dust suppression.</td> <td>-</td> <td>40,000/-</td> </tr> <tr> <td>2</td> <td>Maintenance of approach road</td> <td>-</td> <td>45,000/-</td> </tr> <tr> <td>3</td> <td>Pollution Monitoring of Ambient Air, Noise, Water &amp; Soil Quality</td> <td>-</td> <td>25,000/-</td> </tr> <tr> <td>4</td> <td>Plantation/Green Belt &amp; maintenance</td> <td>4,82,600/-</td> <td>3,92,000/-</td> </tr> <tr> <td>5</td> <td>Wire fence around mining pits</td> <td>50,000/-</td> <td>5000/-</td> </tr> <tr> <td>6</td> <td>Occupational health check-up in a year</td> <td>-</td> <td>15,000/-</td> </tr> <tr> <td>7</td> <td>Provision of PPES (helmet shoes gloves goggles etc.)</td> <td>-</td> <td>47,000/-</td> </tr> <tr> <td>9</td> <td>Emergency rescue fire fighting equipments and first aid</td> <td>50,000/-</td> <td>5,000/-</td> </tr> <tr> <td>10</td> <td>Rainwater harvesting in nearby Govt. School/PHC Centre &amp; Gram Panchayat</td> <td>2,00,000/-</td> <td>30,000/-</td> </tr> <tr> <td>11</td> <td>Construction of Garland drains &amp; Settling tank</td> <td>1,50,000/-</td> <td>8000/-</td> </tr> <tr> <td colspan="2"><b>TOTAL</b></td> <td><b>9,32,600/-</b></td> <td><b>6,12,000/-</b></td> </tr> </tbody> </table>	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	-	45,000/-	3	Pollution Monitoring of Ambient Air, Noise, Water & Soil Quality	-	25,000/-	4	Plantation/Green Belt & maintenance	4,82,600/-	3,92,000/-	5	Wire fence around mining pits	50,000/-	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	50,000/-	5,000/-	10	Rainwater harvesting in nearby Govt. School/PHC Centre & Gram Panchayat	2,00,000/-	30,000/-	11	Construction of Garland drains & Settling tank	1,50,000/-	8000/-	<b>TOTAL</b>		<b>9,32,600/-</b>	<b>6,12,000/-</b>		
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12	Green Belt/ Plantation																																																		

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	0.08	80	0.15	150	(Plant Cost-300/-) 1,65,600/- (Tree Guard Cost-500/) 2,30,000/-	Maintenance/Watering/Manuring Cost-3,22,000/- (Rs. 700/-per plant)	Siras, Amaltas, Neem, Khrini, & other native species suggested by forest officials	Plantation will be done inside the lease area in 7.5 m safety zone boundary & Outside Lease area at Khasra No 2190/1170 in village Devriya.
2023-24	0.08	80	0.15	150				
	Replacement of Non-Survival Species @ 20 % i.e. 16 Nos. (year 2022-23)		Replacement of Non-Survival Species @ 20 % i.e. 30 Nos. (year 2022-23)					
2024-25	Replacement of Non-Survival Species @ 20 % i.e. 16 Nos. (year 2022-23)		Replacement of Non-Survival Species @ 20 % i.e. 30 Nos. (year 2022-23)					
2025-26	Maintenance/Watering/Manuring							
2026-27								
<b>Total</b>	<b>Plantation at safety zone</b>		<b>Outside the lease area</b>		<b>3,95,600/-</b>	<b>3,22,000/-</b>		
	<b>0.16</b>	<b>160</b>	<b>0.30</b>	<b>300</b>				
Additional Plantation at the Periphery of the connecting unpaved road nearby mine site. (100 Tress)					<b>86,000/-</b>	<b>70,000/-</b>		
<b>Total Cost</b>					<b>4,81,600/-</b> (Say 4,82,000)	<b>3,92,000/-</b>		

Total 33% of the lease area (i.e. 0.46 ha) will be developed as greenbelt out of which 0.16 ha will be planted inside at 7.5 meter safety zone of lease area & 0.30 ha) will be developed as greenbelt outside the lease area at Khasra No 2190/1170 in village Devriya. The outside Plantation NOC has been issued by Tehsildar Talera Vide letter dated 15.12.2022.

- ✿ Total 460 Nos. plants will be planted at inside & outside the lease
- ✿ Total 160 Plants will be planted at inside the lease area & remaining 300 plants will be at outside the lease area at Khasra No 2190/1170 in village Devriya.
- ✿ 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 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*

<i>condition which is fit for growth of fodder, flora, fauna etc. as per MoEF&amp;CC O.M. dated 16.01.20</i>				
13	Budgetary Breakup for Labour			
	<b>Sr. No.</b>	<b>Description</b>	<b>Capital Cost (in Rs.)</b>	<b>Recurring Cost (in Rs./Yr.)</b>
	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	-	15000
	5	Medical facility for labors	-	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. 12000 Ear plugs @50 Rs (2 times in month) – Rs. 12000 Helmets @ 450 Rs (1 time in year) – Rs. 4500	--	47500
	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>1,14,500/-</b>
14	Present Status		New Mining Project	

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

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for EC of Masonry Stone Mining Project, Ref. No.- 20211000043197, Area- 1.3727 Ha, Production Capacity- 1,58,550 TPA (ROM) {Saleable Masonry Stone- 150622 TPA, Waste- 7928 TPA}, Khasra No. 2085/1170, 2076/1167, Near Village – Devriya, Tehsil– Talera, District– Bundi, Rajasthan (**Proposal No- 277505**). The project is covered under B2 category.

The SME, Kota vide order dated 09.12.2021 has issued LoI to the PP for mining of Masonry Stone. The mining plan has been approved by the SME, Kota vide letter dated 25.05.2022. ME, Bundi in his certificate dated 08.06.2022 has stated that the mining lease does not fall in Aravali hills.

DCF, Bundi in his certificate dated 22.03.2022 has stated there is no Wildlife Sanctuary/National Park/ CTH within 10 km periphery of the mine and only National Chambal Gharial Sanctuary exists within 10 km from applied area in his office jurisdiction.

DCF (WL), MHTR, Kota in his certificate dated 29.03.2022 has stated that Mukundra Hills Tiger Reserve is at a distance of 8.86 km from the applied area. The boundary is located at a distance of 7.45 kms which is located in the sensitive Zone of National Chambal Gharial Sanctuary in his office jurisdiction, for which wildlife clearance is required from the competent level. The PP has submitted copy of application submitted to NBWL dated 13.12.2022.

The SEAC also went through para 4 (i)/ (ii)/ (iii) and (iv) of the OM dated 08.08.2019 of the MoEF & CC which requires that the Expert Appraisal Committee would examine the proposal from environmental angle including impact of developmental activity/ project on the Wildlife and its habitat, if any, and recommend appropriate protection and conservation measures and that these recommendations shall be explicitly mentioned in the EC letter. Since the project falls within a distance of 10 Km from the boundary of National Park/ Wildlife Sanctuary and outside notified ESZ, the following specific conditions shall also be applicable in terms of OM dated 08.08.2019 of the MoEF & CC:

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.

The ME, Bundi in his certificate dated 22.12.2022 has stated that there is no cluster formation.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Gaurav Kumar Pareta S/o Shri Shyam Sunder Pareta, for Masonry Stone Mining Project, Ref. No.- 20211000043197, Area- 1.3727 Ha, Production Capacity- 1,58,550 TPA (ROM) {Saleable Masonry  
Abstract of 5A.42<sup>nd</sup> meeting held on 21-23 Dec, 2022

Stone- 150622 TPA, Waste- 7928 TPA}, Khasra No. 2085/1170, 2076/1167, Near Village – Devriya, Tehsil– Talera, District– Bundi, Rajasthan (**Proposal No- 277505**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. The PP shall also abide by the special conditions as mentioned in OM dated 08.08.2019 and as noted in the above mentioned observations in addition to the condition that the EC shall be affective only after the PP obtains prior clearance from Standing Committee of National Board for Wildlife.

**Project Name:-** “EC for Masonry Stone Mining Project, Ref. No.- 20211000043197, Area– 1.3727 Ha, Production Capacity- 1,58,550 TPA (ROM) {Saleable Masonry Stone- 150622 TPA, Waste- 7928 TPA}, Khasra No. 2085/1170, 2076/1167, Near Village – Devriya, Tehsil– Talera, District– Bundi, Rajasthan (**Proposal No- 277505**). **Project Proponent Name-** Shri Gaurav Kumar Pareta S/o Shri Shyam Sunder Pareta,Address-223, Main Bazar, Ganeshganj, District-Kota,Rajasthan,Email-gauravpareta97@gmail.com.

**Agenda no. 16.File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. B2(21963)/ 2022-23**

**Project Name:-** EC for Quartz & Feldspar Mining Project, M.L. No.- 17/2019, Area – 1.00 Hectare, Production Capacity- 59800 TPA (ROM) {Salable Mineral- 41860 TPA (Quartz- 25116 & Feldspar-16744 ) & Waste- 17940 TPA}, Khasra No.- 1658/4275, 1660, 1655, 1659, 1668, Address: Village- Bagsuri, Tehsil– Nasirabad, District – Ajmer (Rajasthan).(Proposal No-270151)

**Project Proponent Name-** Shri Banveer Singh S/o Late Shri Devendra Singh & Partners- Shri Niranjn Singh S/o Late Shri Devendra Singh, Smt. Nirmala Kanwar D/o late Shri Devendra Singh), Address- Bagsuri, Tehsil -Nasirabad, District- Ajmer, Rajasthan,Email- banveerb2@yahoo.com

**Consultant Name:-** M/s Atmos Sustainable Solutions Pvt. Ltd.  
Address- A-73, 3rd Floor, Sector 65, Noida, UP  
[Email-vibranttechnolab@gmail.com](mailto:Email-vibranttechnolab@gmail.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- Bagsuri, Tehsil– Nasirabad, District – Ajmer (Rajasthan)
3.	Project Details M.L. No. /Production capacity	Quartz & Felspar (Minor Mineral) Mining Project M.L. No.- 17/2019 & Khasra No.- 1658/4275, 1660, 1655, 1659, 1668 over an area – 1.00 Hectare with proposed Production capacity - 59,800 TPA (ROM) {Salable Mineral 41,860 TPA { Quartz- 25116 & Felspar-16744} & Waste- 17,940 TPA}located Near Village- Bagsuri, Tehsil– Nasirabad, District – Ajmer (Rajasthan) by Shri Banveer Singh & Partners.
4.	Project Cost :	Rs 75.0 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	Information about Aravalli Certificate	ME/J/Composite/Machi/Aravali.M-277 dated: 30.05.2022.
9.	Application No.& Date & documents submitted	Online Submitted to SEIAA, Proposal no :- SIA/RJ/MIN/270151/2022 dated- 28.04.2022.
9	Date of Air/Water/Noise Monitoring	Environment Monitoring was carried out by NABL approved laboratory.
10	Information about Topo-sheet map	45J/12

**Environment Sensitivity:-**

1	Nearest Village	The nearest village is Bagsuri at a distance of about 0.60 km in W direction from the mine site
2	Nearest Railway Station	Saradhna at a distance of about 15.0 Km in SE direction from the mine site.
3	Nearest Airport	Kishangarh Airport at a distance of about 42.0 Km in NE direction from the mine site.
4	Nearest National / State Highway	<ul style="list-style-type: none"> <li>✚ MDR-79 at a distance of 0.80 Km in NW direction from the mine site..</li> <li>✚ MDR-39 at a distance of 6.0 Km in N direction from the mine site.</li> <li>✚ NH-48 at a distance of 6.60 Km in SE direction from the mine site.</li> <li>✚ SH-26 at a distance of 10.45 Km in NE direction from the mine site</li> <li>✚ MDR-57 at a distance of 10.70 Km in SE direction from</li> </ul>

		<p>the mine site.</p> <ul style="list-style-type: none"> <li>✚ NH-58 at a distance of 14.70 Km in NW direction from the mine site</li> </ul>
5	Archaeological Important Place	No any Archaeological Important Place is found within 15 Km radius of the mine site.
6	National Park, Wild Life Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/ Elephant Reserve, Reserve / Protected Forest within 10 km radius of study area.	<p><b>Pf/RF</b></p> <ul style="list-style-type: none"> <li>✚ Banewda P.F at a distance of 5.63 Km in NW direction from the mine site</li> <li>✚ Rajgarh P.F at a distance of 9.10 Km in NW direction from the mine site</li> <li>✚ Kaklana P.F at a distance of 9.15 Km in NW direction form the mine site</li> <li>✚ Leedi P.F at a distance of 8.0 Km in W direction from the mine site.</li> <li>✚ Dulatkhedda P.F at a distance of 13.11 Km in W direction from the mine site.</li> <li>✚ Raajoshi Khaaspura P.F at a distance of 13.30 Km in N direction from the mine site.</li> <li>✚ Raatakot P.F at a distance of 14.80 Km in S direction from the mine site.</li> <li>✚ Kiraap P.F at a distance of 11.95 Km in SW direction from the mine site.</li> </ul> <p><b><i>No any Ecological Sensitive Park, National Park or Wildlife sanctuary Conservation Reserve etc are exist within 15 km radius of mining lease area.</i></b></p>
7	Nearest River / water body	<ul style="list-style-type: none"> <li>✚ Pakka Talav at a distance of 4.0 Km in NE direction from the mine site.</li> <li>✚ Nearan Nadi at a distance of 4.75 Km in S direction from the mine site.</li> <li>✚ Chat Talav at a distance of 7.80 Km in NE direction from the mine site.</li> <li>✚ Dai Nadi at a distance of 8.55 Km in NE direction from the mine site.</li> <li>✚ Parundiya Talav at a distance of 9.50 Km NW direction from the mine site.</li> <li>✚ Pichhaura Talav at a distance of 9.55 Km in NW direction from the mine site.</li> </ul>
8	Inter-State Boundary	No any Interstate Boundary exist within 15 Km radius of the project
9	Seismic Zone	Zone - II

## 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	-	45,000/-
3	Pollution Monitoring of Ambient Air, Noise, Water & Soil Quality	-	25,000/-
4	Plantation/Green Belt & maintenance	3,70,000/-	3,00,000/-
5	Wire fence around mining pits	80,000/-	5000/-
6	Occupational health check-up in a year	-	15,000/-
7	Provision of PPES (helmet shoes gloves goggles etc.)	-	47,000/-
8	Emergency rescue fire fighting equipments and first aid	50,000/-	5,000/-
9	Rainwater harvesting in nearby Govt. School/PHC Centre & Gram Panchayat	2,00,000/-	30,000/-
10	Construction of Garland drains, retaining wall & Settling tank	1,50,000/-	10,000/-
<b>TOTAL</b>		<b>8, 50,000/-</b>	<b>5,22,000/-</b>

## 12 Green Belt/ Plantation

Year	Plantation on safety zone (7.5 Meter in the lease area)		Cost of sapling along with maintenance		Name of species	Places of plantation
	Area (Ha.)	No. of Trees	Capital cost in Rs.	Recurring cost in Rs./yr.		
2022-23	0.165	165	(Plant Cost-300/-) 1,18,800/- (Tree Guard Cost-500/-) 1,65,000/-	Maintenance/Watering/Manuring Cost- 2,31,000/- (Rs. 700/-per plant)	Neem, Karanj, Siris Amatlas, Khirni, & other native species suggested by forest officials	Plantation will be done inside the lease area in 7.5 m safety zone boundary
2023-24	0.165	165				
2024-25	Replacement of Non- Survival Species @ 20 % i.e. 33 Nos. (year 2022-23)					
2025-26	Replacement of Non- Survival Species @ 20 % i.e. 33 Nos. (year 2023-24)					
2026-27	Maintenance/Watering/Manuring					
Total	Plantation at safety zone 0.33      330					
Additional Plantation at the Periphery of the connecting unpaved road nearby mine site. (100 Tress)			86,000/-	70,000/-		
Total			3,69,800/- (say 3,70,000/-)	3,01,000/- (say 3,00,000/-)		

Total 33% of the lease area (0.33 ha.) will be developed as greenbelt at inside the safety zone of the lease area.

🌱 Total 330 Plants will be planted at inside the lease area at safety zone.



- ✿ 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 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

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	-	10000
5	Medical facility for labors	-	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. 12000 Ear plugs @50 Rs (2 times in month) – Rs. 12000 Helmets @ 450 Rs (1 time in year) – Rs. 4500	--	47500
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>1,14,500/-</b>

14 Present Status

New Mining Project

### Observations of the committee:-

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for EC of Quartz & Feldspar Mining Project, M.L. No.- 17/2019, Area – 1.00 Hectare, Production Capacity- 59800 TPA (ROM) {Salable Mineral- 41860 TPA (Quartz- 25116 & Feldspar-16744 ) & Waste- 17940 TPA}, Khasra No.- 1658/4275, 1660,

Abstract of 5A.42<sup>nd</sup> meeting held on 21-23 Dec, 2022

1655, 1659, 1668, Address: Village- Bagsuri, Tehsil- Nasirabad, District – Ajmer (Rajasthan) **(Proposal No-270151)**. The project is covered under B2 category.

The LOI was sanctioned in favour of Shri Devendra Singh S/o Shri Jaswant Singh vide letter dated 07.07.2020 by ADM Jaipur. Due to death of Devendra Singh, the LOI was transferred in favour of Sh. Banveer Singh S/o Late Shri Devendra Singh & Partners: Shri Niranjn Singh S/o late Shri Devendra Singh, Smt. Nirmala Kanwar D/o Late Shri Devendra Singh vide letter dated 06.12.2021. The lease was sanctioned in favour of Banveer Singh S/o Late Shri Devendra Singh & Partners: Shri Niranjn Singh S/o late Shri Devendra Singh, Smt.Nirmala Kanwar D/o Late Shri Devendra Singh vide order dated 17.11.2022 by ADM, Jaipur for the area of 1.00 hectare for 50 years from date of registration. The lease was executed on 29.11.2022.

The mining plan has been approved by the SME, Ajmer vide letter dated 10.12.2020. ME, Ajmer in his certificate dated 30.05.2022 has stated that the mining lease does not fall in Aravali hills.

DCF, Ajmer in his certificate dated 24.03.2022 has stated there is no Wildlife Sanctuary/National Park within 10 km periphery of the mine. The PP in Form-1 has stated that the Banewda PF is at distance of 5.63 Km from the applied lease area.

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 within 10 Km from the project site.

The ME, Ajmer in his certificate dated 19.12.2022 has that the total area of all the mining leases in the cluster having area of 1.00 hectare.

### **Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Banveer Singh S/o Late Shri Devendra Singh & Partners- Shri Niranjn Singh S/o late Shri Devendra Singh, Smt. Nirmala Kanwar D/o Late Shri Devendra Singh), for Quartz & Feldspar Mining Project, M.L. No.- 17/2019, Area – 1.00 Hectare, Production Capacity- 59800 TPA (ROM) {Salable Mineral- 41860 TPA (Quartz- 25116 & Feldspar-16744 ) & Waste- 17940 TPA}, Khasra No.- 1658/4275, 1660, 1655, 1659, 1668, Address: Village- Bagsuri, Tehsil- Nasirabad, District – Ajmer (Rajasthan) **(Proposal No-270151)**, with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure ‘A’. **Project Name:-** “EC for Quartz & Feldspar Mining Project, M.L. No.- 17/2019, Area – 1.00 Hectare, Production Capacity- 59800 TPA (ROM) {Salable Mineral- 41860 TPA (Quartz- 25116 & Feldspar-16744 ) & Waste- 17940 TPA}, Khasra No.- 1658/4275, 1660, 1655, 1659, 1668, Address: Village- Bagsuri, Tehsil- Nasirabad, District – Ajmer (Rajasthan).**(Proposal No-270151)**. **Project Proponent Name-** Shri Banveer Singh S/o Late Shri Devendra Singh & Partners- Shri Niranjn Singh S/o late Shri Devendra Singh, Smt. Nirmala Kanwar D/o Late Shri Devendra Singh), Address- Bagsuri, Tehsil -Nasirabad, District- Ajmer, Rajasthan,Email- [banveerb2@yahoo.com](mailto:banveerb2@yahoo.com).

**Agenda no. 17. File no. F1 (4)/SEIAA/SEAC-Raj/Seett/Project / Cat. B2(21962)/ 2022-23**

**Project Name:-** Environmental clearance for expansion in production capacity of Rhyolite (Chips & Powder) Mining Project Production capacity- 56625 TPA (ROM) to 60140 Ton (ROM) {Rhyolite-42098T & Reject/Waste-18042T} and inclusion of mineral Rhyolite (Masonry) in existing project, M.L. No- 562/2009, Area:- 1.0 hect., Khasra No.- 430, 4432, Address: Village-Bakaliya, Tehsil-Bilara, District-Jodhpur, Rajasthan (**Proposal No- 284727**).

**Project Proponent Name-**Shri Surendra Singh Kachhawah S/o Shri Bhagwan Singh Kachhawah, Address- Cholawato ka bera, Pipar City, District- Jodhpur, Rajasthan, Email [kachhawahsurendrasingh@gmail.com](mailto:kachhawahsurendrasingh@gmail.com).

**Consultant Name:-** Vardan Environet, Add: Plot No- 82-A,Sector-5, IMT,Manesar,Gurgaon-122003(Haryana).Email:- [jaipur@vardan.co.in](mailto:jaipur@vardan.co.in).

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

1.	Category / Item no.(in Schedule):	B2, 1(a)
2.	Location of Project	Near village–Bakaliya, Tehsil– Bilara& District– Jodhpur(Rajasthan)
3.	Project Details M.L. No. /Production capacity	Rhyolite (Chips & Powder) Inclusion With Rhyolite (Masonry) Mining Project M. L. No.- 562/2009, Area- 1.00 Ha.(Pvt. Land), Khasra no. 430 & 432 Production capacity – 56,625 Ton (ROM) to 60,140 Ton (ROM){Rhyolite- 42,098 Reject/Waste-18,042 Ton}, Near village –Bakaliya, Tehsil– Bilara& District– Jodhpur(Rajasthan) (Mention in Form-1, pg. no. 1)
4.	Project Cost	Rs25.0Lakhs (also mention page no. 1,PPTwhere above details available in submitted document )
5.	Water Requirement & Source	3.0 KLD (Tanker Water Supply from nearby village) (Mention in Volume III Form-1 (Pg. 4) and PFR (Pg. 7) )
6.	Fuel & Energy	100Litres/day HSD fuel will be required for mine machineries. (Mention in Form-1, page 5)
7.	Application No.& Date & documents submitted	SIA/RJ/MIN/284727/2022 Dated 14/09/2022 (Mention in Volume II )
8.	Information about Aravalli Certificate	ME/Jodh/Minor/ML/562/2009/1399dated 04/08/2022
9.	Date of Air/Water/Noise Monitoring	One day monitoring will be carried out by NABL approved laboratory. Air and Noise: 30/06/2022 - 01/07/2022 Water and Soil: 30/06/2022

		(Given in Volume II )	
10.	Information about 500 mts composite map	Date 04/08/2022 and dispatch no. ME/Jodh/Minor/ML/562/2009/1400 for cluster certificate and composite map of 500 mts Area falling within 500 mts 1.00ha. (In Volume II and in PPT )	
11.	Environment Management Plan		
		<i>Description</i>	<i>Annual Recurring Cost Rs./Ann m (Lac.)</i>
			<i>a p p i t a l C o s t i n R s . ( L a c . )</i>
	1	Water sprinkle facility on haul roads to prevent dust suppression.	5,000/-
	2	Maintenance of approach road	10,000/-
	3	Pollution Monitoring of Ambient Air, Noise, Water & Soil Quality	15,000/-
	4	Plantation/Green Belt & maintenance	15,000/-
	5	Wire fence around mining pits	15,000/-
	6	Occupational health check-up in a year	5,000/-
	7	Provision of PPES (helmet shoes gloves goggles etc.)	20,000/-
	8	Emergency rescue fire fighting equipments and first aid	5,000/-
	9	Caution board (will illustrate lease detail and name of the PHC and contact no. of doctor)	2,000/-
	10	Solar pole with LED light @ 8000/- Per Light	8,000/-
		<b>Total</b>	<b>1,25,000/-</b>
12.	CSR /ESR Activates		
	<b>S. No.</b>	<b>Planned Activities under ESR as per specific needs</b>	<b>Proposed Budget</b>

		(Lakhs/Year)
1.	<b>Community Education Facilities</b> <ul style="list-style-type: none"> <li>• Augmentation of furniture, blackboard, etc in village schools</li> <li>• Award scholarship to meritorious students</li> <li>• Distribution of educational books, stationary, uniforms and aids etc.</li> </ul>	0.10
2.	<b>Community Health Improvement</b> <ul style="list-style-type: none"> <li>• Disinfection facilities for dug wells and other potable water sources.</li> <li>• Periodically medical checkup camps, blood donation camps.</li> <li>• Eye checkup camps</li> <li>• Health awareness camps for child and mother care, health and hygiene practices.</li> </ul>	0.10
3.	<b>Community Welfare Activities</b> <ul style="list-style-type: none"> <li>• Worship places development &amp; beautification</li> <li>• Distribution of seeds &amp; saplings</li> <li>• Promotion &amp; support to various Govt. Schemes.</li> </ul>	0.20
4.	<b>Infrastructural Development</b> <ul style="list-style-type: none"> <li>• Installation/ Repair of Hand Pumps/ Bore wells</li> <li>• Grampanchayat dug-well de-siltation and deepening</li> <li>• Construction and maintenance of village roads adjacent to project site</li> </ul>	0.10
5.	<b>Community Water Conservation</b> <ul style="list-style-type: none"> <li>• Funds for Rain water harvesting ponds in nearest village</li> <li>• Water conservation awareness programs</li> </ul>	0.10
6.	<b>Community Capacity Building</b> <ul style="list-style-type: none"> <li>• Imparting vocational training for technical skills, self-employment training for women as stitching, embroidery, tailoring, handicrafts</li> </ul>	0.15
<b>Total</b>		<b>0.75</b>

**13. Green Belt/ Plantation**

Year	Plantation on safety zone (7.5 Meter) & backfilled area		Cost of sapling along with maintenance @ Rs.1500/Plant inclusive watering and Maintenance		Name of species	Places of plantation
	Area (Ha.)	No. of Trees	Capital cost	Recurring cost		
Existing	0.08	96	-	-	Neem, Sheesham, Gulmohar, Jamun, Amla other native species & suggested by forest officials	Plantation on safety zone (7.5 Meter) & backfilled area
First	0.125	150	3,60,000/-	Plant Purchase Cost- 1,50,000/-		
Second	0.125	150		Tree Guard Cost- 1,50,000/-		
	Maintenance/ Watering/Manuring @ Rs.200/Plant		Maintenance/Watering/Manuring Cost- 60,000/-			
Third	Replacement of Non-Survival Species @ 20 % i.e. 30 Nos. @ 500		15,000/-			
Fourth	Replacement of Non-		15,000/-			

	Survival Species @ 20 % i.e. 30 Nos. @ 500			
	Maintenance/Waterin g/Manuring @ Rs.200/Plant	-	12,000/-	
Fifth	Maintenance/Waterin g/Manuring @ Rs.100/Plant	-	30,000/-	
<b>Total</b>	<b>0.33</b>	<b>396</b>	<b>3,60,000/-</b>	<b>72,000/-</b>

*\*33% of the lease area (i.e. 0.33 ha.) will be developed as greenbelt inside the lease area at safety zone (7.5m) i.e 0.33 ha and will be developed on backfilled area. 396 trees will be planted per hectare all around mining lease which will be safety zone of 7.5 m periphery and some backfilled area as per area topography & Native Species will be planted. Plantation would be carried out in three rows at as greenbelt:*

*1st Row- Neem, Shishum&Jamun (132 saplings)*

*2nd Row- Neem, Peepal (132 saplings)*

*3rd Row-Siris, Palash (132 saplings).*

**14. Budgetary Breakup for Labour**

Sr. NO.	Particulates	Capital Cost (in Rs.)	Recurring Cost (in Rs.)
1.	Rest Shelter	20,000	5,000
2.	Drinking water facility	--	5,000
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 sewerage tank & soakpit-30000 Labour cost-6000 Maintains cost-3000 Standard size-7x5 Foot}	58,000	2,000
4.	Fuel for cooking	-	20,000
5.	Medical facility for labors	-	5,000
6.	PPE's like ear plugs, 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 1,500/- Ear plugs @50 Rs (2 times in month )- Rs 1,500/- Helmets @450 Rs (1time in year)- Rs 6,750/-	-	38,250
7.	Periodical health check-up once in year @1500	-	22,500
8.	Fire Safety	-	5,000
9.	Medical facility for labours (Health insurance)	-	30,000
<b>Total</b>		<b>78,000</b>	<b>1,32,750</b>

15.	Present Status	Existing Mining lease
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### **Observations of the committee:-**

The SEAC-1 Considered/examined the project proposal in its meeting **5A.42<sup>nd</sup>** held on **21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

The PP has submitted application for Environmental clearance of expansion in production capacity of Rhyolite (Chips & Powder) Mining Project Production capacity- 56625 TPA (ROM) to 60140 Ton (ROM) {Rhyolite- 42098T & Reject/Waste- 18042T} and inclusion of mineral Rhyolite (Masonry) in existing project, M.L. No- 562/2009, Area:- 1.0 hect., Khasra No.- 430, 4432, Address: Village-Bakaliya, Tehsil- Bilara, District-Jodhpur, Rajasthan (**Proposal No- 284727**). The project is covered under B2 category.

This is an existing mining lease. The mining lease was granted for mineral Rhyolite (Masonry) in favour of Shri Surendra Singh Kachhawah S/o Shri Bhagwan Singh Kachhawah vide order dated 18.01.2012. The lease deed was registered on dated 05.01.2018 and registered on 26.02.2018 for a period 30 years. The lease period was auto extended for 50 years i.e. valid from 05.01.2018 to 04.01.2068.

The project being one of minor mineral with respect to Rhyolite (Chips & Powder) having lease area of 1.00 hectare, came under the purview of the EIA notification dated 09.09.2013 of the MoEF & CC. According to the certificate dated 16.08.2022 of ME, Jodhpur production of mineral Rhyolite in the year 27.02.2018 to 31.03.2018 was nil and thereafter in subsequent year's production was not increased from the permitted quantity mentioned in earlier EC dated 16.06.2016. 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.

The Environmental Clearance was granted in favour of Shri Surendra Singh Kachhawah for mineral Rhyolite, M.L. No- 562/2009, Area:- 1.0 hect., having production capacity of 56,625 TPA, Rajasthan by DEIAA Rajasthan vide order dated 16.06.2016.

The PP has submitted compliance report, vide letter dated 12.12.2022 of the IRO, Jaipur certifying compliance of conditions of the earlier EC issued vide letter dated 16.06.2016.

The SME, Udaipur vide order dated 05.11.2020 has issued LoI to the PP for mining of inclusion of Rhyolite (Masonry). Subsequently, LOI was extended for further 6 months vide letter dated 28.07.2022 by SME, Udaipur. The mining plan has been approved by the SME, Jodhpur vide letter dated 12.04.2021. ME, Jodhpur in his certificate dated 04.08.2022 has stated that the mining lease does not fall in Aravali hills.

DCF (WL), Jodhpur in his certificate dated 03.04.2022 has stated that there is no Wildlife Sanctuary/National Park/CTH within 10 km periphery of the mine. DFO, Jodhpur vide certificate dated 15.12.2010 states that the applicable area situated in non forest land is at a distance of 200 meters approx. from the forest area .

The ME, Jodhpur in his certificate dated 04.08.2022 has stated that as per the MoEF & CC notification, dated 01.07.2016 that there is no Cluster formation.

**Resolution:**

The SEAC 1 upon appraisal of the project in the light of information contained in Form-1, Form-2, Pre-feasibility report and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for grant of EC to Shri Surendra singh Kachhawah S/o Shri Bhagwan Singh Kachhawah for expansion in production capacity of Rhyolite (Chips & Powder) Mining Project Production capacity- 56625 TPA (ROM) to 60140 Ton (ROM) {Rhyolite-42098T & Reject/Waste-18042T} and inclusion of mineral Rhyolite (Masonry) in existing project, M.L. No- 562/2009, Area:- 1.0 hect., Khasra No.- 430, 4432, Address: Village-Bakaliya, Tehsil- Bilara, District-Jodhpur, Rajasthan (**Proposal No- 284727**), with the stipulation that the PP shall abide by the annual production schedule specified in mining plan and that any deviation there in will render the PP liable for legal action in accordance with Environment and Mining Laws, with the specific and general conditions annexed at Annexure 'A'. **Project Name:-** "Environmental clearance for expansion in production capacity of Rhyolite (Chips & Powder) Mining Project Production capacity- 56625 TPA (ROM) to 60140 Ton (ROM) {Rhyolite-42098T & Reject/Waste-18042T} and inclusion of mineral Rhyolite (Masonry) in existing project, M.L. No- 562/2009, Area:- 1.0 hect., Khasra No.- 430, 4432, Address: Village-Bakaliya, Tehsil- Bilara, District-Jodhpur, Rajasthan (**Proposal No- 284727**). **Project Proponent Name-** Shri Surendra singh Kachhawah S/o Shri Bhagwan Singh Kachhawah, Address- Cholawato ka bera, PiparCity, District- Jodhpur, Rajasthan, [Email-kachhawahsurendrasingh@gmail.com](mailto:kachhawahsurendrasingh@gmail.com).

**Agenda no. 18. File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 8a(21971)/ 2021-22**

**Project Name-** Environmental Clearance for proposed commercial complex project "Pink City Walk" having total plot area 17,471.85 sq.mt with proposed built up area 1,12,217.69 sq.mt coming up at Plot no. BC- 09 & BC- 10, Scheme Central Spine, Mahal Road, Jagatpura, Jaipur (Raj.) (**Proposal No- 284063**).



**Name of Proponent:-** Shiv Sital Builders Private Limited, Shri Ajay Gupta (Authorized Signatory), Address-102,Golden fortune Appartment, Opp. Jda, Babu Nagar, Jaipur,Rajasthan,Email-ajay@manglamgroup.com.

**Name of Consultant: -** Enkay Enviro Services PVT.LTD.Jaipur Add.- Corporate Officer Add.- 92 Heera nagar A ,Nearshalimar Bagh, Ajmer Road, Jaipur(Raj.) Email.- [info@enkayenviro.com](mailto:info@enkayenviro.com).

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

The SEAC-1 considered/examined the project proposal in its meeting **5A.42<sup>nd</sup> held on 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> December 2022** in the presence of PP and his Consultant.

Earlier ToR was granted to “Shiv Sital Builders Pvt. Ltd.” by SEIAA vide letter dated 07.06.2022 to carry out EIA/EMP studies along with base line studies and prepare Remediation Plan, Natural Resource Augment Plan and Community Resource Augmentation Plan as per the provisions of the EIA notification 2006, with respect to construction carried out in violation of the EIA Notification, 2006.

The PP has submitted application for EC of proposed commercial complex project "Pink City Walk" having total plot area 17,471.85 sq.mt with proposed built up area 1,12,217.69 sq.mt coming up at Plot no. BC- 09 & BC- 10, Scheme Central Spine, Mahal Road, Jagatpura, Jaipur (Raj.) (**Proposal No- 284063**). The cost of proposed project is 197 Cr.

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 JDA vide order dated 24.09.2013 allotted the plot to M/s Shiv Shakti Builders Pvt. Ltd. Jaipur for an area of 8916.999 Sq.mt for commercial purpose. Later, JDA vide order dated 26.06.2014 allotted to M/s Shiv Shakti Builders Pvt. Ltd. Jaipur for an area of 8554.86 Sq.mt for commercial purpose. The amalgamation of both the plots was allotted by JDA for 17471.85 Sq.mt vide letter dated 01.09.2021.

The total water requirement for project is 605 KLD {Fresh water: 212 KLD; Recycled water: 393 KLD}. The source of water is ground water. The PP, informed that application for fresh water requirement is submitted to PHED on dated 07.04.2022.

DCF, Jaipur in his certificate dated 13.04.2022 has stated that the distance of project area from the boundary of Jamwaramgarh WLS & ESZ of Jamwaramgarh WLS is 21.94 km & 21.32 km, respectively. DCF (WL) Zoo, Jaipur in his certificate dated 10.01.2022 has stated that the distance of mining lease from the boundary of Nahargarh WLS & ESZ of Nahargarh WLS is 14.80 km & 14.70 km, respectively.

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

1.	Category/ Item no. (in Schedule):	Category “8 (a)” Construction activity has been undertaken at the site.
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2.	Location of Project	Plot no. BC-09 & BC-10, Jagatpura, Scheme- Central Spine, Mahal Road, Jaipur.																																															
3.	Project Details	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="background-color: #d9ead3;">SURFACE LAND USE BREAK UP</td> </tr> <tr> <td colspan="2">A. TOTAL PLOT AREA: 17471.85 Sq.m.</td> </tr> <tr> <td colspan="2">B. GROSS BUILT UP AREA: 1,12,217.69 Sq.m.</td> </tr> <tr> <td style="width: 50%;">Standards</td> <td>Proposed</td> </tr> <tr> <td colspan="2" style="background-color: #d9ead3;">C. GROUND COVERAGE</td> </tr> <tr> <td>8735.92 (50%)</td> <td>8718.20 Sq. m. (49.90%)</td> </tr> <tr> <td colspan="2" style="background-color: #d9ead3;">D. LANDSCAPE AREA</td> </tr> <tr> <td>--</td> <td>1748.35 Sq.m. (10.0%)</td> </tr> <tr> <td colspan="2" style="background-color: #d9ead3;">E. OPEN PARKING AREA</td> </tr> <tr> <td>1 ECU/75 sq.m- Commercial</td> <td rowspan="2">3225.0 Sq.m (18.45%)</td> </tr> <tr> <td>1 ECU/115 sq.m- Residential</td> </tr> <tr> <td colspan="2" style="background-color: #d9ead3;">F. PAVED AREA</td> </tr> <tr> <td>--</td> <td>3,780.30 Sq.m (21.65 %)</td> </tr> </table> <p>The proposed project has a total plot area of 17,471.85 Sq.m with proposed Gross Built up area 1,12,217.69Sq.m. Project details: No. of Block: 1 2B+LGF+GF+9 Floors 2B: Lower &amp; Upper</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S. No.</th> <th>Floor</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>LGF</td> <td>1 Hyper + 75 Showroom + 89 Shops + 222 Mini Shops + 7 Kiosk &amp; STP, Under Ground Water Tank, Atrium</td> </tr> <tr> <td>2.</td> <td>GF</td> <td>7 Restaurant+ 1 Studio Block Lobby + 1 Office Block Lobby + 48 Showroom+ 2 anchor</td> </tr> <tr> <td>3.</td> <td>1st Floor</td> <td>51 Showrooms, 2 Anchors, 3 Kiosk</td> </tr> <tr> <td>4.</td> <td>2nd Floor</td> <td>8 Stores 3 Fine Dine</td> </tr> <tr> <td>5.</td> <td>3rd Floor</td> <td>Theatre (6 screens) 1 -168 seats 2-144 seats 3-189 seats 4-290 seats 5-291 seats 6-55 seats Gaming Zone, Bar/ Lounge/ Club, Food court</td> </tr> <tr> <td>6.</td> <td>4th Floor</td> <td>Theatre (6 screens) 1 -168 seats 2-144 seats 3-189 seats 4-290 seats 5-291 seats</td> </tr> </tbody> </table>		SURFACE LAND USE BREAK UP		A. TOTAL PLOT AREA: 17471.85 Sq.m.		B. GROSS BUILT UP AREA: 1,12,217.69 Sq.m.		Standards	Proposed	C. GROUND COVERAGE		8735.92 (50%)	8718.20 Sq. m. (49.90%)	D. LANDSCAPE AREA		--	1748.35 Sq.m. (10.0%)	E. OPEN PARKING AREA		1 ECU/75 sq.m- Commercial	3225.0 Sq.m (18.45%)	1 ECU/115 sq.m- Residential	F. PAVED AREA		--	3,780.30 Sq.m (21.65 %)	S. No.	Floor	Description	1.	LGF	1 Hyper + 75 Showroom + 89 Shops + 222 Mini Shops + 7 Kiosk & STP, Under Ground Water Tank, Atrium	2.	GF	7 Restaurant+ 1 Studio Block Lobby + 1 Office Block Lobby + 48 Showroom+ 2 anchor	3.	1st Floor	51 Showrooms, 2 Anchors, 3 Kiosk	4.	2nd Floor	8 Stores 3 Fine Dine	5.	3rd Floor	Theatre (6 screens) 1 -168 seats 2-144 seats 3-189 seats 4-290 seats 5-291 seats 6-55 seats Gaming Zone, Bar/ Lounge/ Club, Food court	6.	4th Floor	Theatre (6 screens) 1 -168 seats 2-144 seats 3-189 seats 4-290 seats 5-291 seats
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7.	5th Floor	Club House, Swimming Pool (2101.13 Sq.m), 22 Office, 19 Studio, Kitchen, Restaurant, Pre-function, Bar, Ball room Theatre (6 screens) 1 -168 seats 2-144 seats 3-189 seats 4-290 seats 5-291 seats 6-55 seats
8.	6th Floor	2 Refuse area (1906.74 Sq.m each), 55 Office, 35 Studio
9.	7th Floor	56 Offices, 36 Studios

BUILT UP CALCULATION SHEET

MASTER TABLE								
S R .	FLOOR	GROSS BUILT UP AREA	FIRE-ESCAP E	PROJECTION & CHAJJA & ELE.	SERV ICES	BUILT UP AREA	LI FT	B.A.R.
1	LOWER BASMENT	12083.65	0	0	0	12083.65	96.61	80.08
2	UPPER BASMENT	13127.66	0	0	0	13127.66	96.61	80.08
3	LOWER GROUND	12258.01	216.31	0	745.89	11295.81	96.61	11199.2
4	GROUND	9547.74	150.85	311.69	24.01	9061.19	96.61	8964.58
5	FIRST	9844.57	190.86	0	0	9653.71	96.61	9557.1
6	SECOND	9155.71	159.36	0	0	8996.35	96.61	8899.74
7	THIRD	4721.57	159.34	0	0	4562.23	96.61	4465.62
8	FOURTH	7857.17	159.34	11.03	0	7686.8	96.61	7590.19
9	FIFTH	8055.15	159.34	56.58	223.87	7615.36	90.56	7524.8
10	SIXTH	6160	159.34	80.04	88.75	5920.62	60.38	5860.24
11	SEVENTH	6056.49	159.34	80.04	0	5082.54	60.38	5022.16
1	EIGHTH	6056.49	159.3	80.04	0	5082.54	60.3	5022.1

		2			4			8	6																									
		1 3	NINTH	6056.49	159.3 4	80.04	0	5082.54	60 .3 8 5022.1 6																									
		1 4	TERRAC E	1236.99	0	0	0	478.99	0 0																									
		<b>TOTAL</b>		<b>112217.69</b>	<b>1832. 76</b>	<b>699.46</b>	<b>1082 .52</b>	<b>105729. 99</b>	<b>11 05 73733. 19</b>																									
4.	Project Cost:	Total: 197 Cr.																																
5.	Details of construction takes place at site	Construction activity to the tune of 11,612.0 sq.m. has been undertaken at the site																																
6.	Water Requirement per day & Source	<p>Total Fresh water requirement :</p> <p>In the operation phase, the daily water demand will be about 605 KLD (212 KLD fresh water demand, and 393 KLD recycled water)</p> <p>CGWA Application is under process for the same.</p>																																
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8.	Application No. & Date & documents submitted :- Management Plan with budgetary provision	Online submission Proposal no.: SIA/RJ/MIS/71119/2022 Date: 18.07.2022 <table border="1" data-bbox="384 230 1382 389"> <tr> <td>Online application for TOR has been submitted on Parivesh Portal in 8(a), B2 category. Proposal no.: SIA/RJ/MIS/71119/2022</td> <td>13.01.2022</td> </tr> <tr> <td>EDS reply submitted on</td> <td>26.09.2022</td> </tr> </table> Recurring Cost: 27.1 Lacs <table border="1" data-bbox="368 472 1417 1055"> <thead> <tr> <th>S. No.</th> <th>Description of Item</th> <th>Capital Cost (In Lacs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>D.G Sets with Acoustic enclosures &amp; adequate Stack attached</td> <td>25</td> </tr> <tr> <td>2</td> <td>STP</td> <td>30</td> </tr> <tr> <td>3</td> <td>Rain Water harvesting</td> <td>15</td> </tr> <tr> <td>4</td> <td>Pollution Monitoring</td> <td>1</td> </tr> <tr> <td>5</td> <td>Solid waste management</td> <td>3</td> </tr> <tr> <td>6</td> <td>Fire Fighting &amp; Emergency handling</td> <td>175</td> </tr> <tr> <td>7</td> <td>Green Belt</td> <td>5.77</td> </tr> <tr> <td>8</td> <td>Training in the area of environment &amp; occupational health</td> <td>4.73</td> </tr> <tr> <td>9</td> <td>Social Responsibility</td> <td>35</td> </tr> <tr> <td colspan="2">Total</td> <td>294.5</td> </tr> </tbody> </table>	Online application for TOR has been submitted on Parivesh Portal in 8(a), B2 category. Proposal no.: SIA/RJ/MIS/71119/2022	13.01.2022	EDS reply submitted on	26.09.2022	S. No.	Description of Item	Capital Cost (In Lacs)	1	D.G Sets with Acoustic enclosures & adequate Stack attached	25	2	STP	30	3	Rain Water harvesting	15	4	Pollution Monitoring	1	5	Solid waste management	3	6	Fire Fighting & Emergency handling	175	7	Green Belt	5.77	8	Training in the area of environment & occupational health	4.73	9	Social Responsibility	35	Total		294.5
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10	Green Belt/ Plantation area and 25 % of total area in sq. mts.	1748.35 sq.m.( 10.0%) Total Number of Trees 70 nos.(Type of Species-Gulmohar, Ashok,Shisham, Neem & Arjun) and rest (23.0%) as vertical plantation  Plants suitable for vertical garden: <table border="1" data-bbox="368 1503 1406 2074"> <thead> <tr> <th>Types of Species</th> <th>Indoor Green walls/ For shaded areas</th> <th>For Outdoors/Exterior Green walls</th> </tr> </thead> <tbody> <tr> <td>Herbaceous perennials</td> <td>Pepromia, Syngoniums, Philodendron, Epipremnum, Pepromia, Begonia, Anthuriums, Chlorophytum, Pilea, Rheo discolor, Fittonia, Spathiphyllum, Schefflera</td> <td>Asparagus spp., Pilea microphylla, Alternanthera, Mentha spp.</td> </tr> <tr> <td>Succulents</td> <td>Rheo discolor, Zebrinapendula, Setcreaseapurpurea</td> <td>Jade plant, Sedums, Portulaca</td> </tr> <tr> <td>Shrubs</td> <td>Schefflera, Ficus spp.</td> <td>Dusty miller, Cuphea</td> </tr> </tbody> </table>	Types of Species	Indoor Green walls/ For shaded areas	For Outdoors/Exterior Green walls	Herbaceous perennials	Pepromia, Syngoniums, Philodendron, Epipremnum, Pepromia, Begonia, Anthuriums, Chlorophytum, Pilea, Rheo discolor, Fittonia, Spathiphyllum, Schefflera	Asparagus spp., Pilea microphylla, Alternanthera, Mentha spp.	Succulents	Rheo discolor, Zebrinapendula, Setcreaseapurpurea	Jade plant, Sedums, Portulaca	Shrubs	Schefflera, Ficus spp.	Dusty miller, Cuphea																									
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		Ground covers	-	Baby's tear, Callisa repens
		Grass like foliage forms	-	Ophiophogon (Monkey grass) , Dianella tasmanica(Flex Lilly)
		Ferns	Nephrolepis	-
		Source:- <a href="https://agritech.tnau.ac.in/horticulture/horti_Landscaping_vertical%20gardenin g.html">https://agritech.tnau.ac.in/horticulture/horti_Landscaping_vertical%20gardenin g.html</a>		
11	Budgetary Breakup for Labour	15.00 Lacs		
12	Solid Waste	3.0 Lacs		
<p>CONSTRUCTION PHASE</p> <p>Soil: Excavated soil: 14,158Cu.m (Stored at earmarked places)</p> <p>Solid waste: Construction waste: 5611 MT (Approx.); Recyclable waste: Sold to the vendors for recycling; Inert waste (Brick, masonry, concrete, etc.): Used for road making &amp; land filling within the project site.</p> <p>Construction workers Solid waste: Biodegradable (20 kg/day) Will be sent to JMC disposal sites.</p> <p>Effluent: Modular STP will be provided.</p> <p>POST CONSTRUCTION PHASE</p> <p>Total Solid Waste: The estimated quantity of the same will be approx. 3688.17 kg/day (Fixed Population: 1815 kg/day &amp; Floating Population 1873.17 kg/day). Colour coded bins will be provided. Bio-degradable and Non Biodegradable waste will be sent to JMC disposal Sites. Paper and other recyclable waste will be sent to the vendors for recycling.</p>				
13.	Present status	Construction activity has been undertaken at the project site to the tune of 11612 sq. m built up area as per the Architect Certificate dated 21.12.2022		

The PP in his application has mentioned that the project does not involve clearance under the Wildlife (Protection) Act, 1972 and Forest (Conservation) Act, 1980. There is no critically polluted area in 15 Km radius of the project. No litigation is pending against the project and/ or land in which the project is proposed to be setup. The PP and the consultant have submitted affidavits, stating that the no activity relating to the proposed project has been undertaken at the site in violation of the EIA Notification dated 14.09.2006 and amendments made thereafter.

The PP in the report regarding damage assessment and Remediation Plan stated that the total budget for Remediation Plan, Natural Resource Augmentation Plan is Rs. 29.7 Lacs, Community Resource Augmentation Plan is Rs. 12.0 Lacs, and penalty is Rs. 19.25 Lacs {Total cost towards NRA, CRA, along with penalty is 60.95 Lacs}. The PP has submitted the proposal to BG of amount Rs. 41.7 Lacs against the NRA & CRA and Rs. 19.25 Lacs against the penalty to be deposited with the RSPCB, as per the Provisions of the EIA Notification, 2006 and OM dated 28.07.2022 of the MoEF & CC. Penalty provision for violation cases as per OM dated 7th, July. 2021 for new projects, where operations has not commenced as on date= 1% of the total project cost incurred up to the date of filling application along with EIA/EMP. The amount incurred till the dated of filling EC application is 19.25 Cr and 1% of

the same will be 19.25 Lacs. As the violation declaration is done suo-moto. The Committee agreed on it and percentage rate will be halved, which will be 19.25 Lacs/2= 9.625 Lacs.

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.

**Resolution:**

The Committee, after consideration of the information contained in the Form-1, Form-1 A, Approved plan, EIA/EMP reports and other documents and having regard to the submissions made during presentation and subsequent submissions, resolved to recommend to SEIAA for the grant of EC to Shiv Sital Builders Private Limited for proposed commercial complex project "Pink City Walk" having total plot area 17,471.85 sq.mt with proposed built up area 1,12,217.69 sq.mt coming up at Plot no. BC- 09 & BC- 10, Scheme Central Spine, Mahal Road, Jagatpura, Jaipur (Raj.) (**Proposal No- 284063**). Further it is also resolved that the amount of Rs. 41.7 Lacs with reference to Remediation Plan and Natural & Community Resource Augmentation Plan should be deposited to RSPCB in the form of Bank Guarantee, in addition to this penalty of Rs 9.625 Lacs will also be deposited with the RSPCB, as per the Provisions of the EIA Notification, 2006 and OM dated 28.07.2022 of the MoEF & CC. The PP shall also abide by the special conditions as mentioned in OM dated 08.08.2019 and as noted in the above mentioned observations, subject to the conditions mentioned herein below:

The Committee 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.

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

1. The PP shall allocate and spend an amount of Rs 41.7 Lacs towards Remediation Plan, Environmental Upgradation Plan and Natural & Community Resource Augmentation Plan within a span of two years, as per the details given below:

**Remediation Plan and Natural & Community Resource Augmentation**

**Plan:**

Entire project had been enveloped and masked due to limitation of historic evidence of contamination. Also, all the mitigation measures pertaining to environmental components are already implemented at the project site. Baseline monitoring status indicates that all the parameters are within prescribed limits. Thus as per the OM of SOP issued by MOEF&CC vide OM: 22-21/2020-IA.III dated 7<sup>th</sup> July 2021.

<b>NATURAL RESOURCE AGUMENTATION PLAN BUDGET</b>			
Resources	Year: 22-23 Rupees, lacs	Year: 23-24 Rupees, lacs	Remark
Green cover & Noise attenuation	5.35	5.35	The site will be enveloped from all side to contain the emissions
Water Conservation	1.00	1.00	

Energy Conservation	3.50	3.50	& noise. Treated w/w from the nearest project will be transported vide tankers on daily basis and used for construction. Energy conservation measures: Training workers at site, avoiding idling of vehicles, Proper wiring, efficient & optimum use of machines The awareness budget is over and above the contractual agreement
Soil conservation	3.00	3.00	
Air Environment	2.00	2.00	
Total	14.85	14.85	

<b>COMMUNITY RESOURCE AGUMENTATION PLAN BUDGET</b>			
Resources	21-22 Rupees, lacs	22-23 Rupees, lacs	Remark
Waste reduction & awareness	1.5	1.5	Segregation & proper disposal, Training of workers, mock drills, Effective green cover on approach road. Modular STP at site of construction. The awareness budget is over and above the contractual agreement
Occupational Health & safety	1.5	1.5	
Plantation awareness	2.0	2.0	
Sanitation & traffic rules & regulation; Awareness	1.0	1.0	
Total	6.00	6.00	

<b>A. Natural Resources Augmentation Plan</b>	29.7 lacs
<b>B. Community Resources Augmentation Plan</b>	12.0 lacs
Penalty provision for violation cases as per OM dated 7 <sup>th</sup> July 2021 for new projects, where operations has not commenced as on date=1%of the total project cost incurred up to the date of filling application along with EIA/EMP	
<b>C. The amount incurred till the dated of filling EC application is 19.25 Cr and 1% of the same will be</b>	19.25 Lacs.
Thus, the total cost towards NRA & CRA plans along with penalty is	29.7+12.0 = 41.7 Lacs
<b>D. As the clause 12.2 dated 7.7.2021, violation declaration is</b>	19.25/2= 9.625 lacs.



done <i>suo-moto</i> , the percentage rate will be halved, which will be	
<b>Project Proponent will give a bank guarantee (A+B)</b>	<b>41.7 Lacs</b>
<b>Penalty provision for violation declaration (<i>suo-moto</i>) (D)</b>	<b>9.625 lacs.</b>

2. The above plans shall be completed in three years whereas the Bank Guarantee shall be for five years.
3. The Bank Guarantee of Rs. 41.7 Lacs (29.7 + 12) is to be deposited by the PP towards Remediation plan, Environmental up gradation plan and Natural & Community Resources Augmentation Plan should be deposited to RSPCB in the form of BG, in addition to this penalty of Rs 9.625 Lacs will also be deposited with the RSPCB. The Bank Guarantee shall be released by the RSPCB after successful implementation of the Remediation plan and Community Resources Augmentation Plan and after recommendation by the Regional Office of the Ministry, Expert Appraisal Committee or State Level Expert Appraisal Committee and approval of the regulatory authority.

### **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 firefighting equipment etc as per National Building Code including protection measures from lightning 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 neighboring 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.

**Additional Agenda 01:File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 8a(21671)/ 2021-22**

**Project Name-** Environment Clearance for Proposed Residential Group Housing Project “Ashiana Ekansh”, having Total Plot Area 34,816.61 Sq.m and Gross Built Up Area is 110828.59 Sq.m, coming up at khasra no. 1790, 1791/1, 1791/2, 1792, 1793/1, 1793/2, 1794 & 1795, Village- Bhankrota, Tehsil- Sanganer, District- Jaipur, Rajasthan (**Proposal No- 275641**).

**Name of Proponent:-** ASHIANA HOUSING LIMITED, (Pro.) Sh. SHYAMAL KUMAR PALIT/  
Sh. Sanjeev Rawat, Address-  
304, Southern Park, Saket, District Center, Saket, New Delhi, Email-  
ec.ashiana.ekansh@ashianahousing.com.

**Consultant:-** Enkay Enviro Services PVT. LTD. Jaipur Add.- Corporate Officer, Add.- 92 Heera nagar A , Near Shalimar Bagh, Ajmer Road, Jaipur(Raj.), Email.- [info@enkayenviro.com](mailto:info@enkayenviro.com).

**Brief background details of the project:**

The SEAC-1 considered/examined the project proposal in its meeting 5A.28th held on 19<sup>th</sup> to 21<sup>st</sup> September, 2022 in the presence of PP and his Consultant.

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.

JDA Jaipur issued the lease deed on 11.09.2008 for land 35006.52 Sq.mt after surrendering the land for 200 ft wide road and facility area for Khasra no. 1790, 1791/1, 1793/1, 1793/2, 1794 and 1795 in favour of Sh. Pramod Kumar Agarwal, Yogendra Gar, Ritu Garg, Late Ram Kishor Garg and Late Lalita Garg. JDA Jaipur issued the revised lease deed of above Khasra Nos. including Khasra No. 1792 on 16 Aug, 2021 after surrendering the area for 200 ft wide road, 5% facility area and additional area for 80 ft wide road. The net plot area after surrendering this land comes to 34816.61 sq.mt. The land was subsequently purchased by Evergreen Buildfarms Pvt. Ltd on 28.10.2021. The proposal is now been proposed for execution under development agreement between Evergreen Buildfarms Pvt. Ltd and Ashiana Housing Limited vide registered development agreement dated 01.11.2021.

The PP has submitted application for EC for Proposed Residential Group Housing Project “Ashiana Ekansh”, having Total Plot Area 34,816.61 Sq.m and Gross Built Up Area is 110828.59 Sq.m, coming up at khasra no. 1790, 1791/1, 1793/1, 1793/2, 1794 & 1795, Village- Bhankrota, Tehsil- Sanganer, District- Jaipur, Rajasthan (**Proposal No- 275641**). The cost of proposed project is 282.14 Cr. The PP has submitted proposal only on the basis of conceptual plan instead of approved plan. If there is any deviation from conceptual plans then PP needs to submit fresh proposal for EC.

The total water requirement for project is 605 KLD {Fresh water: 334 KLD; Recycled water: 271 KLD}. The PP, informed that source of fresh water will be Ground water and application dated 21.05.2022 for the same has been submitted to CGWA. The PP has taken NOC from AAI on 15.06.2022.

DCF (WL), Jaipur in his certificate dated 13.06.2022 has stated that Jamwaramgarh wild life sanctuary is at 33.91 km and ESZ is 32.72 km from the project site. According to DCF, WL, Zoo Jaipur in his certificate dated 26.5.2022 has stated that the project site is at distance of 12.95 km from Nahargarh wildlife sanctuary and distance from Eco Sensitive Zone is 11.39 km from project site. The certificates submitted by the PP does not mentions the exact information regarding existence or otherwise of NP/WLS within 10 Km periphery from the project site.

No litigation is pending against the project and/or land in which the project is proposed to be setup. The PP and the consultant have submitted affidavits stating that no activity relating to the proposed project has been undertaken at the site in violation of the EIA Notification dated 14.09.2006 and amendments made thereafter.

Therefore, the Committee asked PP to submit the required documents within a period of 45 days failing which the project shall be recommended to SEIAA for closure and delistment:

1. DCF, Jaipur certificate regarding existence or otherwise of NP/WLS within 10 Km periphery from the project site.
2. Undertaking that if PP makes any deviation from conceptual plan then he will apply afresh for EC accordingly.

The PP, in response to the query made by SEAC vide letter dated 19.10.2022 has submitted reply vide letter dated 01.11.2022, 08.11.2022 & 09.11.2022 received on 01.11.2022, 16.11.2022 & 10.11.2022. The SEAC in its 5A.33<sup>rd</sup> meeting held on 15-17 Nov, 2022 of SEAC, went through the reply.

The PP, in compliance of the query has submitted DCF, WL, Zoo, Jaipur dated 22.09.2022, which states that the Nahargarh WLS is at a distance of 12.95 Km and its ESZ is 11.39 Kms. The PP has also submitted letter of DCF, WL, Zoo Jaipur dated 07.11.2022. The certificate states that the Khasra no. in earlier certificate issued by DCF, WL, Zoo, Jaipur are mentioned as 1790, 1791/1, 1791/2, 1792, 1793/1, 1794, 1795 which must be read as 1790, 1791/1, 1791/2, 1792, 1793/1, 1793/2, 1794, 1795. The reply is accompanied with an undertaking submitted by the PP regarding the conceptual plan; where in it is stated that no upward changes shall be made in the conceptual plan by the PP and that if there are any changes in conceptual plan then PP will come back for revision and apply for fresh EC as per new revised plans.

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

S. No.	Category / Item no.(in Schedule):	Cat.8(a)B2	
1.	Location of Project	Khasra No. - 1790, 1791/1, 1791/2, 1792, 1793/1, 1793/2, 1794 & 1795 Village - Bhankrotakalan, Tehsil - Sanganer, District - Jaipur, State - Rajasthan.	
2.	Project Details	<b>S. No.</b>	<b>Particulars</b>
		1	Total plot area
		2	Built-up Area
		3	BAR
		4	Ground Coverage
		5	Proposed Green Area
		6	No. of Floor
		7	No of Block
		8	Total No. of Units
		<b>Details</b>	
			34816.61 Sq.m
			110828.59 Sq. m
			82015.29 Sq. m.
			6715.88 Sq.m.
			Open Green area- 4302.77 Sq.m. (12.36%) Podium- 9313.87 Sq.m. (26.75%)
			S+14
			10
			560

Built-up Area Details	<b>S.No.</b>	<b>Particulars</b>	<b>Details (Sq.m)</b>			
	1	Residential Tower (10* No. S+14)	94451.31			
	2	Club	2000.32			
	3	Commercial BUA	1297.52			
	4	Podium	11245.44			
	5	Services (DG, Gas Bank, RMU, ESS, WTP etc.)	1834			
	<b>Total</b>		<b>110828.59 Sq.m.</b>			
*9residentialtowersaspertheJDAnomenclatureastwotowers(TowerNo.4&5)areclubbedandshownasTower4 inJDA,JaipurPlans.						
Units Details	<b>S.No.</b>	<b>Particulars</b>	<b>Details</b>			
	1.	2 BHK	168			
	2.	3 BHK	280			
	3.	4 BHK	112			
<b>Total</b>		<b>560</b>				
Parking Details	<b>ParkingDetails</b>		<b>Car (No)</b>	<b>Scooter(No.)</b>	<b>Total (No.)</b>	<b>Total (ECU)</b>
	OpenParking		241	127	368	283
	Stilt/ PodiumParking		639	36	675	651
	<b>Total</b>		<b>880</b>	<b>163</b>	<b>1043</b>	<b>934</b>
	<b>Total Car Parking No. – 880</b>					
<b>Total Two-wheeler Parking No. - 163</b>						
<b>Total ECU – 934</b>						
3.	Project Cost:	282.14 Cr.				
4.	Water Requirement & Source	<p><b>Requirement:</b> In the operation phase, the daily water demand will be about 605 KLD (334 KLD freshwater demand, and 271 KLD recycled water).</p> <p><b>Source:</b> Ground Water will be extracted after relevant permission from CGWA. (CGWA application was applied on 21.05.2022)</p>				
5.	Fuel And Energy	<p><b>Energy:</b> In addition to the conventional sources of energy, feasibility of non-conventional energy sources has also been planned for the project. The solar energy will be used for the purpose. Source of the supply: The incoming power supply shall be made available by the JVVNL and own substation. Since it is a Residential group housing project, DG power backup source (risk of blackout or unacceptable voltage variation) is proposed.</p> <p><b>Fuel:</b> HSD (sulphur content: 0.05%)</p> <p><b>Power Details:</b> Connected load: 3533 kW Maximum Demand: 3461 kW Transformer - 02 no. (2250 kVA)</p> <p><b>DG Set Details:</b> Total 04 no. of D.G sets of cumulative capacity 1230 kVA 01 x 160 kVA, 01 x 250kVA, 01 x 320 kVA,</p>				

		01 x 500 kVA Stack height: 4.47 m above the terrace height.		
6.	Application  No. & Date of documents submitted	Online submission Proposal no.: SIA/RJ/MIS/275641/2022 Date: 31.05.2022		
7.	Information about Aravali Certificate	Not applicable		
8.	Date of Air/Water/ Noise Monitoring	30.04.2022		
9.	RWH Structure	09 Nos. of RWH Structure Dimension-3.0 m x 3.0 m x 3.0 m (Cap. Of 27 Cu.m each)		
10	STP Details	Capacity: 500 KLD Technology: MBBR technology Location: Underground Domestic Waste water generated- 430 KLD		
11	Environment Management Plan	Capital Cost: Rs. 406.50 Lacs Recurring Cost: Rs. 28.10Lacs		
		<b>S.No.</b>	<b>Description of Item</b>	<b>Capital Cost (InLacs)</b>
		1.	Acoustic enclosures & Stack attached to D.G Sets	44
		2.	STP(1x500 KLD)	80
		3.	Rain Water harvesting (09 No.)	22.50
		4.	Solid waste management	30
		5.	Fire Fighting & Emergency handling	140
		6.	Green belt/Landscaping	30
		7.	Towards community development	20.0
		8.	Solar provision	40.0
		<b>Total</b>		<b>406.50</b>
				<b>406.50</b>
12.	CER Details	The same is included in Towards Community Development in EMP budget.		
13.	Green Belt/ Plantation	Total 1430 Numbers of trees will be planted in total landscape area of 13616.64 Sq.m (39.11%)		
14.	Budgetary Breakup for Labour	Rs. 14.00 Lacs		
		<b>S. N o.</b>	<b>Particulars</b>	<b>Provisions</b>
		1.	Shelter, Fuel for cooking & basic facilities	A provision of temporary housing facility etc for construction workers will be provided.
		2.	Drinking water	Clean drinking water will be sufficiently made available at suitable points.
		3.	Sanitation facility- conservancy with soak pit	There will be upto 100 (peak-construction) workers hence conservancy facility with portable STP will be duly provided as per norms.
		4.	Health Facility & Arrangements	A first aid room with equipped First-aid boxes and cupboards will be accessible during the hours of working in the construction and operation phase.
		5.	Safeguards	All protective and safety gears will be provided. Helmets, face masks, Heavy duty gloves
				6.0
				2.0
				1.0
				1.5
				1.0

			es, and goggles will be provided to the workers.		
		6.	Medical Examination	An initial examination of every person employed in the construction activity (peak construction 100 workers) will be done. The periodic medical examination will be arranged over various phases of construction. A regular health test and analysis will be done.	1.0
		7.	Education for their children - Creche recreation	Teacher at will be provided for teaching children of construction workers. As and when the employment of female building workers exceeds more than 30, there will be provision of a suitable room/rooms for the use of children (Creche).	1.5
		<b>Total</b>			<b>15.00 Lacs</b>
<b>15</b>	<b>Present Status</b>	It is a new project. No construction activity has been done.			

The SEAC-1, after consideration of the information contained in the Form-1, Form-1 A, conceptual plan, EIA/EMP reports and other documents and having regard to the submissions made during presentation, resolved to recommend to SEIAA for the grant of EC to Ashiana Housing Limited For Residential Group Housing Project "Ashiana Ekansh", having Total Plot Area 34,816.61 Sq.m and Gross Built Up Area is 110828.59 Sq.m, coming up at khasra no. 1790, 1791/1, 1791/2, 1792, 1793/1, 1793/2, 1794 & 1795, Village- Bhankrota, Tehsil- Sanganer, District- Jaipur, Rajasthan (**Proposal No- 275641**), subject to the following specific and general conditions.

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

The SEIAA in its 5.56th meeting held on 27.12.2022 considered the above mentioned recommendations, made by the SEAC, for grant of EC to the PP and after detailed discussion decided to refer back the case to the SEAC to ensure that there is no deviation of conceptual plans from the approved building plans. SEIAA in its letter dated 04.01.2023 has mentioned that the authority has discussed the representation given by the PP. It is mentioned in the letter that the PP has submitted a certificate from the architect that the conceptual plan submitted for grant of EC are in accordance with the building plans approved by JDA which have also been submitted.

The clarification has been submitted in writing, so the authority decided that there is no need of re-examination by SEAC to seeking confirmation on the same point. Therefore, SEIAA has directed to forward this proposal online from SEAC to SEIAA for grant of EC online on the Parivesh Portal.

Owing to the above facts, SEAC again considered the project in its 5A.42<sup>nd</sup> meeting held on 21-23 Dec, 2022 of SEAC. The SEAC, therefore, took decision to reiterate its earlier recommendation.

#### **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 firefighting 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 neighboring 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, 2016. 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 o 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.

**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. Consequent upon the Notification of Rajasthan Minor Mineral Concession (Second Amendment), Rules, 2022, the Mining Department will ensure that before commencement of mining operations (at the time of issuing Ravana), if the mining lease forms a cluster of more than 5.0 ha., in accordance with EIA notifications dated 15.01.2016 and 01.07.2016, then mining operations will be commenced only after EIA/EMP study and public hearing for the entire cluster. The EC issued under category 'B2' will stand revoked and Mining Department will further ensure that fresh EC under 'B1' category be obtained by such mining lease holder (s).
- xvii. The Mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to the mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

- xviii. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
- xix. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/MoEF & CC as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to include additional environmental protection measures required, if any.
- xx. The EC is liable to be rejected/ revoked, in case it is found that the PP has deliberately concealed and/or furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.
- xxi. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF & CC, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be extended full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
- xxii. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- xxiii. The above condition shall be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006, along with their amendments and rules.
- xxiv. The PP shall obtain prior clearance from forestry and wildlife aspects including clearance from Standing Committee of National Board of Wild Life (if applicable). It is further categorically stated that grant of EC does not necessary imply that Forestry and Wildlife clearance shall be granted to the project by the concerned authorities. Proposals for forestry and wildlife clearance will be considered by the concerned authorities on its merits and decision taken accordingly. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wildlife aspects shall be entirely at the cost and risk of the PP and MOEF & CC/SEIAA/ SEAC/ DOE shall not be responsible in this regard in any manner.
- xxv. The SEIAA, Rajasthan may revoke or suspend the Environmental Clearance, if implementation of any of the above conditions is not satisfactory.
- xxvi. The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 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. PM10, PM2.5, NO2; CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I. dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen

etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.

- ii. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF & CC/ Central Pollution Control Board.

### **3. Water quality monitoring and preservation:**

- i. In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEF & CC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
- ii. Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug well located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
- iii. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
- iv. The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of

gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEF & CC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six –monthly basis.

- v. Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Dissolved Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No.I-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
- vi. Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEF & CC annually.
- vii. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
- viii. The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF & CC and State Pollution Control Board.

#### **4. Noise and vibration monitoring and prevention:**

- i. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
- ii. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations.

Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.

- iii. The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs/ muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.
- iv. The ambient noise level should 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.