

Minutes of 549th SEAC Meeting Dated 15/07/2021

The 549th meeting of SEAC-2 was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 15/07/2021. Following members participated in the online meeting:

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| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2 |
| 2. | Dr. Amrit Lal Haldar, | Member, SEAC-2 (through VC) |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tanzar Ullah Khan, | Member, SEAC-2 (through VC) |
| 5. | Prof. Jaswant Singh, | Member, SEAC-2 |
| 6. | Shri Shiv Om Singh, | Member, SEAC-2 (through VC) |
| 7. | Director, Environment, | Member Secretary, SEAC-2 |

The Chairman welcomed the members to the 549th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. **Group Housing at Plot No.- SC-02/D, Sector- 150, Noida, District- Gautam Buddha Nagar, U.P., M/s Samridhi Infra Square Pvt. Ltd. File No. 3271/Proposal No. SIA/UP/MIS/208780/2021**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The committee discussed the matter and directed the project proponent to submit following information:

1. NOC from Airport Authority of India as per revised proposal.
2. Protection measure against impact of lighting.
3. NOC from competent authority regarding discharge of treated effluent.
4. NOC from Ground Water Authority regarding extraction of ground water.
5. Plan for anti smog guns to reduce dust during construction phase.
6. Detailed plantation plan.
7. In the layout plan of the project, location of proposed STP, solid waste (MSW), collection & disposal points and DG sets should be marked.
8. Plan for disposal of solid waste as per MoEF&CC, GoI & CPCB guidelines.
9. Revised water balance diagram.

The matter shall be discussed after submission of online information on prescribed portal.

2. **Expansion of Group Housing at Khasra No.- 527/4, 528, 549-554, 556-559 Village-Kanawani, Indirapuram, District- Ghazaibad, Shri Vikas Dua, M/s Niho Construction Ltd. File No. 6273/4347/Proposal No. SIA/UP/NCP/207816/2021**

RESOLUTION AGAINST AGENDA NO-02

The project proponent requested to defer the matter in next SEAC meeting. The SEAC discussed the letter and directed to defer the matter as per request made by the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

3. Affordable Housing "Diya Green City" at Khasra No.- 630 & 632, Village- Khera Dehat, Tehsil- Dholana, Hapur., M/s Eureka Builders (P) Ltd. File No. 5752/Proposal No. SIA/UP/NCP/55352/2020

RESOLUTION AGAINST AGENDA NO-03

The project proponent was unable to connect through video conferencing due to technical snag. Therefore, the committee directed to defer the matter.

4. Stone (Khanda, Boulder & Gitti Bailast) Mining at Gata No.120, Khand No.-01, Village-Majhari, Tehsil-Tahrauli, Jhansi, Shri Pravendra Singh, Area -0.809 ha. File No. 6277/Proposal No. SIA/UP/MIN/208244/2021

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Stone (Khanda, Boulder & Gitti Bailast) Mining at Gata No.120, Khand No.-01, Village-Majhari, Tehsil-Tahrauli, Jhansi, U.P. (Leased Area -0.809 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	Proposal No. : SIA/UP/MIN/208244/2021		
2. File no. allotted by SEIAA, UP	6277		
3. Name of Proponent	ShriPravendra Singh S/o ShriVishun Singh		
4. Full correspondence address of proponent and mobile no.	240/4, AoKachaharichauraha, Civil Line, Tehsil & District: Jhansi(U.P)		
5. Name of Project	Building Stone "Khanda, Boulder & Gitti (Ballast)" Mining		
6. Project location (Plot/Khasra/Gate No.)	Gata No – 120, Khand No.- 01		
7. Name of Village	Majhari		
9. Tehsil	Tahrauli		
10. District	Jhansi(U.P)		
11. Name of Minor Mineral	Khanda, Boulder & Gitti (Ballast)		
12. Sanctioned Lease Area (in Ha.)	0.809 Ha		
13. Altitude of the Area	The Highest Point at 210.0 mRL towards NW The Lowest Point at 208.0 mRL towards SE		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°27'22.26"N	78°48'32.41"E
	B	25°27'24.51"N	78°48'34.54"E
	C	25°27'22.13"N	78°48'36.78"E
	D	25°27'20.04"N	78°48'35.11"E
15. Total Geological Reserves	1,88,274 m ³		
16. Total Mineable Reserves	1,15,281 m ³		
17. Total Proposed Production (in five year)	60,675 m ³		
18. Proposed Production/year	12,135 m ³ per annum		
19. Sanctioned Period of Mine lease	20 Years		
20. Production of mine/day	46.67 m ³ /day (130.67T/day) Bulk Density= 2.8		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		
23. No. of Working days	260 Days		
24. Working hours/day	8 hours/day		
25. No. of Workers	28 Manpower		
26. No. of vehicles movement/day	13 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		
27. Type of Land	State Government Land		

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28 Ultimate Depth of Mining	12 m (210mRL – 198mRL) (source: Approved Mining Plan)			
29. Nearest metallised road from site	Nearest Metallised Road is 78 m, NE from the project site			
30. Water Requirement	Source	Purpose	Detail	Avg. Demand/Day
	Portable Tanker	Drinking & others @15lpcd/worker	28 workers x 15 lpcd = 420 lit/day	0.42 KLD
		Plantation @5 Lit/plant	160 Trees x 5 lpcd = 800 Lit/day	0.80 KLD
		Mine operation /others	-	1.0 KLD
		Dust suppression @1 Lit/Sq.m (Twice in a day)	Haul Road Area = (78 m Length x 7m Width = 546 m ²) x 1 lit/sq.m = 546lit x 2 (twice in a day) = 1092 lit/day	1.092 KLD
	Total			3.312 KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till September 29/2021			
32. Any litigation pending against the project or hand in any court	No			
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi. Letter No. 2577/30MMC/2020-21, Date - 31/03/2021			
34. Details of Lease Area in approved DSR	Sr. No. 66 in DSR Letter, Jhansi Letter No. 713 /30 MMC/DSR/2020-21, Dated 31-07-2020			
35. Total Proposed Project Cost	Rs. 61.46 Lakhs			
36. Proposed CER cost	Rs 3.10 Lakhs (5% of the total Project Cost)			
37. Proposed EMP cost	Rs 9.25Lakhs			
38. Length and Width of Haul Road	Haulage Road Length 78 m & Haulage Road Width 7 m			
39. No. of Trees to be Planted	160 Trees			

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to the minutes.

5. Stone (Khanda, Gitti & Boulder) Mining at Gata No.-326, Khand No.-01, Village- Todi, Tehsil-Moth, Jhansi, U.P. Area-0.809 ha. File No. 5906/Proposal No. SIA/UP/MIN/176836/2020

The committee noted that the matter was earlier discussed in 521st SEAC meeting dated 12/01/2021 and directed the project proponent to submit latest approved DSR issued by competent authority. The project proponent through letter dated 09/06/2021 submitted the corrigendum letter issued by District Magistrate, Jhansi vide dated 26/03/2021.

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone, Khandas & Gitti, Boulder Mining at Gata No. 326 (Khand No.-01) Village- Todi, Tehsil- Moth, District- Jhansi, U.P., (Leased Area- 0.809 ha.), Prop:- Smt. SaraswatiDubey.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/176836/2020		
2. File No. allotted by SEIAA, UP	5906		
3. Name of Proponent	Smt. SaraswatiDubey W/o Shri Sanjay Dubey		
4. Full correspondence address of proponent and mobile no.	R/o- 81, Bajrang Colony, Back side of Medical College , Tehsil & District- Jhansi (U.P.)		
5. Name of Project	Building Stone, Khandas&Gitti, Boulder Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 326 (Khand No.-01)		
7. Name of River	NA		
8. Name of Village	Todi		
9. Tehsil	Moth		
10. District	Jhansi (U.P.)		
11. Name of Minor Mineral	Building Stone, Khandas&Gitti, Boulder Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.809 Ha.		
13. Mineable Area (in Ha.)	0.809 Ha.		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 203.80 mRL Minimum mRL 189.10 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°46'13.97"N	78°57'40.38"E
	B	25°46'17.10"N	78°57'43.29"E
	C	25°46'15.50"N	78°57'44.89"E
	D	25°46'12.47"N	78°57'41.94"E
17. Total Geological Reserves	173241 m ³		
18. Total Mineable Reserves in LOI	8090 m ³ per year		
19. Total Proposed Production (in five year)	40450 m ³		
20. Proposed Production/year	8090 m ³ per year		
21. Sanctioned Period of Mine lease	20 Year		
22. Production of mine/day	26.96 m ³ /day		
23. Method of Mining	Open cast, Manual, Semi-Mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 18 workers		
27. No. Of vehicles movement/day	2-3 Vehicles movement/day		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	6 m		

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30. Nearest metalled road from site	SH-45 at about 18.21 kms towards West direction.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.28 KLD
	Suppression of dust	0.96 KLD
	Plantation	13.68 KLD
	Others (if any)	-
	Total	14.92 KLD (15.0 KLD approx.)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P.) Certificate No. NABET/EIA/1619/IA 0019 and Ext. valid up to 02/03/ 2021	
33. Any litigation pending against the project or land in any court	NO	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 949/30MMC/(2020-21) , on Dated 04/09/2020	
35. Details of Lease Area in approved DSR		
36. Proposed CER cost	1,91,750/-	
37. Proposed EMP cost/ Total Project cost	Rs. 40,00,000	
38. Length and breadth of Haul Road	570 m length and 6 m width	
39. No. of Trees to be Planted	50	

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes.

- Durga Industrial Park at Khasra No.- 1/2m, 2 to 24, 25/m, 26 m, 27 m, 28, 29, 30/m, 31/m, 37m, 38m, 39m, 40m, 41 m, Jhandapur, Ghaziabad and Khasra No.-4974/1m, Pasonda Ghaziabad & Khasra No.- 448/m, 450/m, 451, 452/1, 453/1, 454, 455/2m, 455/3m, 457, 458m, 460m, 463m, 465/1m, 466m, 467m, & 468/2m, Jagola, Ghaziabad., Shri Narayan Gupta, M/s Durga Enterprises Pvt. Ltd. File No. 6281/Proposal No. SIA/UP/MIS/61216/2021**

A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

- The environmental clearance is sought for expansion of “Durga Industrial Park” at Khasra No.- 1/2m, 2 to 24, 25/m, 26 m, 27 m, 28, 29, 30/m, 31/m, 37m, 38m, 39m, 40m, 41 m, Jhandapur, Ghaziabad and Khasra No.-4974/1m, Pasonda Ghaziabad & Khasra No.- 448/m, 450/m, 451, 452/1, 453/1, 454, 455/2m, 455/3m, 457, 458m, 460m, 463m, 465/1m, 466m, 467m, & 468/2m, Jagola, Ghaziabad., Shri Narayan Gupta, M/s Durga Enterprises Pvt. Ltd.
- Comparative details of existing and expansion project:

S. No.	Description of Area	Existing as per EC Accorded Area (m ²)	Revised & Expansion Area (m ²)
1.	Plot Area	2,02,259.01	2,50,433.89

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2.	Encroached Area	-	35,058.25
3.	Area in Road Widening	6,373.83	6,373.83
4.	Land Given to UPSEB	-	1,464.00
5.	Additional land Area		42,896.08
6.	Net Plot Area (1-2-3-4)	1,95,885.18	2,07,537.81
7.	Area of Industrial Plots	1,21,182.97	1,28,049.07
8.	Area for Internal Roads	53,182.97	57,413.08
10.	Proposed Plot F.A.R. Area	1,80,261.44	1,89,565.92
	Facilities Area	1502.136	1321.70
	Creche	500.31	290.18
	Canteen	241.82	600.37
	STP Area Phase-I & Phase-II	760	480
12.	Total Built-up Area (7+8)	1,81,763.576	1,90,887.62
13.	Total No. of Industrial Plots	366	434

3. Salient features of the proposed project:

S. NO.	DESCRIPTION	PROPOSED
1.	Total Plot Area	2,50,433.89 m ² (61.88 acres)
2.	Net Plot Area	2, 07,537.81 m ² (51.28 acres)
3.	Built-up Area	1,90,887.62 m ²
4.	Green Area	20,753.96 m ² @15% of net total plot area
5.	Estimated Water Requirement with source Construction Phase Operational Phase	Total Water requirement:- 632 KLD Freshwater= 165 KLD through Municipal Supply Recycled water = 490 KLD (In-House CSTP)
6.	Estimated wastewater generation and treatment	516 KLD (STP with capacity of 620 KLD based on MBBR)
7.	Power Demand and Source Power Back-up	11,520 kVA Paschimanchal Vidyut Vitran Nigam Ltd. 1 no. of D.G Sets capacity of 125 kVA)
8.	Solid Waste Generation	4622 kg/day
9.	Total No. Plots	434 plots
10.	RWH Pits	443 pits
11.	Project Cost	30 Crore
12.	Project Completion Date	December, 2025

4. Population details:

S. No.	Particulars	Existing EC Accorded	Revised & Expansion
1	Total No. of plots	366	434
2	Total population	18,274	19,254

5. Comparative water requirement details:

S.No.	Particulars	Existing EC Accorded	Total
1	Total Water Requirements	600KLD	632 KLD
2	Total Fresh water Requirements	349 KLD	165 KLD
3	Total Wastewater Requirements	452 KLD	516 KLD
4.	STP Capacity	550 KLD	620 KLD

6. Solid waste generation details:

S. No.	Category	Population/Area	Kg per capita per day	Waste Generated (kg/day)
1.	Staff	17329	@0.25 kg/day	4332.25
2.	Visitors	1925	@0.15 kg/day	288.75
Total Domestic Waste Generated				4621 kg/Day
3.	Landscape Waste	5.12	0.2 Kg/acre/day	1.024
Total Solid Waste Generated				4622.024say 4622 Kg/Day

7. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended to issue following terms of reference (TOR) for the preparation of Environment Impact Assessment (EIA) report:

1. Certified point-wise compliance report for the earlier environmental clearance shall be submitted.
2. Detailed revised solid waste plan should be prepared.
3. Detailed revised plan for water recycle/reuse, rain water harvesting and recharge and other conservation measure should be prepared to minimize the use of fresh water.
4. Permission for extraction of ground water should be obtained from competent authority.
5. Detailed plantation plan indicating species and specific site should be submitted.
6. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
7. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
8. Examine baseline environmental quality along with projected incremental load due to the project.
9. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
10. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
11. Submit the details of the trees to be felled for the project.
12. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
13. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
14. Ground water classification as per the Central Ground Water Authority.
15. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
16. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
17. Examine soil characteristics and depth of ground water table for rainwater harvesting.
18. Examine details of solid waste generation treatment and its disposal.
19. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
20. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
21. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. The plan should include the provision of link road from mining area to main road with black topping to prevent air pollution due to dust emission. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
22. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.

23. Examine the details of transport of materials for construction which should include source and availability.
24. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
25. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
26. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
27. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
28. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures
29. There should be provision of temporary shelters for workers with provision of potable drinking water, toilet facility separate for men and women to prevent and stop open defecation at project site.
30. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Townships>".

7. Expansion of Residential Complex "Gulmohur Greens" at Khasra No.-(955 to 960) 1010, 1011, 1015 & (1017 to 1051), Village- Kareda, 95-Katori Mil Loni Road, Mohan Nagar, Ghaziabad., Shri Vijay Jindal, M/s Friends Land Developers. File No. 6283/4213/Proposal No. SIA/UP/NCP/62132/2018

RESOLUTION AGAINST AGENDA NO-07

The project proponent requested to defer the matter in next SEAC meeting. The SEAC discussed the letter and directed to defer the matter as per request made by the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

8. Group Housing at Plot No.-GH-09, Sport City, Techzone-IV, Greater Noida., Shri Sagar Batra, M/s Sai Namoh Construction Pvt. Ltd. File No. 6121/Proposal No. SIA/UP/MIS/192086/2021

RESOLUTION AGAINST AGENDA NO-08

The project proponent requested to defer the matter in next SEAC meeting. The SEAC discussed the letter and directed to defer the matter as per request made by the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

9. Sand Mining at Gata No.-747, Village- Bhoovra Ehatmali, Tehsil- Swar, District-Rampur, U.P., Shri Radhey Shyam, Area: 4.1900 ha. File No. 6289/ 5927/Proposal No. SIA/UP/MIN/62746/2020

RESOLUTION AGAINST AGENDA NO-09

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. The committee discussed the matter and directed the project proponent to submit following information:

1. Proper air pollution control management plan.
2. Detailed plantation plan indicating species and specific site should be submitted.
3. Original photo affidavit regarding salient features of the project.
4. Intimation letter for conducting EIA study.
5. Photographs of sampling and monitoring at site mentioning date, time & geo-coordinates.
6. The project proponent shall submit site map showing mining area, water stream, temporary shelter, provision of potable water, toilet facility, green belt development/plantation area etc
7. Plan for water management which includes source of water and uses of water along with permission from concerning authority for water supply/ water abstraction.

The matter shall be discussed after submission of online information on prescribed portal.

10. Sand/Morrum Mining from Betwa river bed at Gata No.-1064, Khand No.-03, Village-Kahtamirpur, Tehsil-Kalpi-Jalaun, Shri Satya Prakash Gupta., M/s Vaishno Agro Industries, Area-12.145 Ha. File No. 6134/Proposal No. SIA/UP/MIN/60026/2021

RESOLUTION AGAINST AGENDA NO-10

The project proponent did not circulate the documents to the members of SEAC and Directorate. Hence, the committee directed to defer the matter. The matter shall be discussed after submission of online request on prescribed portal.

(Dr. Harikesh Bahadur Singh)
Chairman, SEAC-2

(Dr. Amrit Lal Haldar)
Member, SEAC-2

(Dr. Dineshwar Prasad Singh)
Member, SEAC-2

(Tanzar Ullah Khan)
Member, SEAC-2

(Prof. Jaswant Singh)
Member, SEAC-2

(Shiv Om Singh)
Member, SEAC-2

(Ashish Tiwari)
Member-Secretary, SEAC - 2

General and Specific Conditions for Gitti, Patthar & Boulder Mining Projects:-

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data of pollutants shall be regularly up loaded on the company's website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement for dust suppression on haul roads, mining areas, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to day hours time only.
15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, toilet facility separate for man and women or mobile toilets with safe disposal of human excreta , safe drinking water supply, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board
19. The Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board shall monitor compliance of the stipulated conditions. A complete set a documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing and other documents information should be given to Regional Office of the MoEF, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA,U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

B. Specific Conditions:

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.

6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
10. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
11. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all weather road with black topping and maintained by the project proponent.
17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area ,roads and green belt development etc.
18. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.
24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.

29. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
30. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
31. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
33. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
34. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
35. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.
36. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Suitable measures shall be taken for proper maintenance of vehicles used in quarry operation and in transportation to control the vehicular pollution. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any. The project proponent shall take all suitable measures to prevent pollution of ground water and nearby water bodies in consultation with UP Pollution Control Board. Consent to Establish and

Consent to operate , if applicable should be obtained by project proponent from UP Pollution Control Board prior to start of production from mining.

39. A final mine closure plan/Exit protocol for rehabilitation of mined out land to match its surrounding land use , along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval. The project proponent shall ensure the implementation of approved plan under supervision of the Department of Mines and Geology and the completion and compliance report shall be submitted to the above dept. and UP Pollution Control Board.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
44. The blasting will be done only after getting the permission from the Mining Department.