

Minutes of 468th SEAC Meeting Dated 08/06/2020

The 468th meeting of SEAC was held through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) on 08/06/2020. Following members were participate in the online meeting:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr. Ajoy Kumar Mandal,	Member
7.	Shri Rajive Kumar,	Member
8.	Shri Meraj Uddin,	Member
9.	Prof. S.K. Upadhyay,	Member

The Chairman welcomed the members to the 468th SEAC meeting which was conducted online.
The SEAC unanimously took following decisions on the agenda points discussed:

1. Common Biomedical Waste Management Treatment facility (CBWTF) at Arazi No.- 14, Village-Dakahi, Tehsil-Naugarh, District- Chandauli, U.P. M/s VRBA Bio Waste Solution Pvt. Ltd. File No. 5661/Proposal No. SIA/UP/MIS/52405/2020

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Common Biomedical Waste Management Treatment facility (CBWTF) at Arazi No.- 14, Village-Dakahi, Tehsil-Naugarh, District- Chandauli, U.P. M/s VRBA Bio Waste Solution Pvt. Ltd.
2. Salient features for the project:

Particulars	Details
Company Name	M/s VRBA Biowaste Solution Private Limited
Location	Arazi No. 14, Village- Dakahi Tehsil- Naugarh, District- Chandauli UP-(232111),
Latitude	24° 56.293'N
Longitude	83° 13.897'E
Category of the project	Item : 7 (d) (a) of the Schedule-Gazette Notification, MoEF&CC, Govt of India dated 17th April 2015.
Land Area	1.73 acre
Khasra Number	14
Estimated Project Cost	150 Lacs
Man Power Requirement	Approximate 30 persons during will be engaged
Nearest Highway	SH-97 2.51 Km W
Nearest Railway station	Railway Line is at 16.30 km from Site
Nearest Airport	Varanasi Airport (50.0 KM)
Archaeological important places	None 10 Km

Wild Life Sanctuaries	Chandra Prabha Wildlife Sanctuary 7.0 Km W
Nearest Town/City	Bhabua , 35 km
Hill ranges	None
Seismic Zone	The site is located in the Seismic Zone III, as per the seismic zoning map of India given in BIS code IS: 1893 (Part1)-2002

3. Area details of the project:

S.No	Name	4683.3 m ²
1	Incinerator room	
2	Autoclave room	
3	Shredder Room	
4	Storage water space	
5	Storage waste space	
6 & 7	Vehicle washing	
8	ETP	
9	Treated Waste storage	
10	Chimney	
11	Sharp pit	
12	Required land fill pit	
13	Staff room with toilet	
14	Administrative room with toilet	
15	Security room	
16	Parking	
	Green Belt	2306.7 m ²
	Total Area	6990 m ²

4. Proposed facilities:

- Incinerator Capacity : 300 kg/hr (1)
- Autoclave capacity : 1000 kg per batch (1)
- Shredders of Capacity : 150 kg/hr (2)
- ETP : 12 KLD

5. Total Water requirement will be 10 KLD and met through one bore well for the proposed project.

6. Power Requirement: 32 KW (UPPCL). Back up- DG. Set of 32 KVA capacities as standby.

7. The project proposal falls under category-7(d) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA regarding the project as follows:

1. The EIA report should address regarding the disposal of covid-19 waste as per the latest guidelines.
2. Baseline data of post monsoon period October to December should be submitted.
3. Site photographs with date, time and coordinates.
4. Common biomedical waste inventory should be provided.
5. A letter from CMO regarding requirement of Common Biomedical Waste Treatment Facility at the proposed site.
6. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
7. Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures.
8. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
9. Executive summary of the project – giving a prima facie idea of the objectives of the proposal, use of resources, justification, etc. In addition, it should provide EMP.

10. Land requirement for the facility including its break up for various purposes, its availability and optimization.
11. Details of proposed layout clearly demarcating various activities such as security. Waste Storage Rooms, Waste Treatment Equipment Rooms/Areas, Treated Waste Storage Room, Pollution Control Devices like APCS and ETP, ash storage/disposal area, vehicle washing areas, and others such as admin area, worker's room, health centers, greenbelt, etc.
12. Details on collection and transportation of Bio Medical Waste from health care establishments, No. of vehicles and feature of vehicles, etc.
13. Details of the treatment equipment's capacity and make. Details of the incineration system – a statement on the compliance to the CPCB guidelines for common bio medical waste incinerators in respect of waste feed cutoffs, operating parameters of combustion chambers, flue gas cleaning, ash handling, etc. Details on fuel requirement for incineration. Details on flue gas emissions discharge through stack and proposed pollution control technologies. Details on residue/ash generation and management. Details of waste heat utilization, if any. Details on wastewater management alongwith zero discharge plans as committed by the project proponent.
14. Details of the proposed overall safety and health protection measures and submit specific programme.
15. Details on source of water and power supply.
16. Details of the existing access road(s)/walkways to the designed operations in the site and its layout.
17. Location of the incineration facility and nearest habitats with distances from the facility to be demarcated on a toposheet (1: 50000 scale).
18. Land use map based on satellite imagery including location specific sensitivities such as national parks / wildlife sanctuary, villages, industries, etc.
19. Topography details.
20. Surface water quality of nearby water bodies.
21. Details on proposed groundwater monitoring wells, locations, frequency of monitoring, parameters, etc.
22. Corporate Environmental Responsibility (CER) shall be prepared 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. A copy of resolution as above shall be submitted to the authority alongwith list of beneficiaries with their mobile nos./address.
23. Action plan for the greenbelt development in accordance to CPCB published guidelines.
24. Details on pollution control technologies and online monitoring equipments.
25. Details on monitoring of pollutants at source –performance of the incinerator. Including operating hours, fuel consumption, operating parameters (Combustion chamber – temperature, pressure, Stack temperature, total particulate matter, HCl, NOx as per Bio Medical Waste (Management & Handling) Rules 1998.
26. Stack and fugitive emissions may be monitored for SPM, SO₂ & NOx as per Bio Medical Waste (Management & Handling) Rules 2016.
27. Details of Administrative and technical organizational structure.
28. EMP devised to mitigate the adverse impacts of the project should be provided along with item-wise cost of its implementation (Capital and recurring costs).
29. Details of the emergency preparedness plan and on-site & off-site disaster management plan.
30. Affidavit to be submitted for the actual surveys done with detailed photographs of monitoring etc.
31. NOC from UPPCB shall be taken and submitted to SEAC before submission of EIA report.
32. Examine the details of transportation of Hazardous wastes, and its safety in handling.
33. Examine and submit the details of on line pollutant monitoring.
34. Examine the details of monitoring of Dioxin and Furon.
35. MoU for disposal of ash through the TSDF.
36. MoU for disposal of scrubbing waste water through CETP.
37. Examine and submit details of monitoring of water quality around the landfill site.
38. Examine and submit details of the odour control measures.
39. Examine and submit details of impact on water body and mitigative measures during rainy season.

40. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.
41. Water quality around the landfill site shall be monitored regularly to examine the impact on the ground water.
42. The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
43. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
44. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the SEIAA.
45. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
46. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
47. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

The final EIA report after incorporation of public hearing observations/comments should be submitted to the committee for further consideration of the matter.

2. Proposed Jaypee Greens, Sports City East Part I & II, Sector- 19 & 22, District-Gautam Buddha Nagar, U.P., M/s Jaypee Infratech Limited. File No. 5528/Proposal No. SIA/UP/NCP/50900/2020

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s OCEAO-ENVIRO Management Solutions (India) Private Limited. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Proposed Jaypee Greens, Sports City East Part I & II, Sector- 19 & 22, District-Gautam Buddha Nagar, U.P., M/s Jaypee Infratech Limited.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 3318/SEAC/1097/2011/DDY dated 21/03/2013.
3. Salient features of the project:

S. No.	Description	Details as per Application	Units
AREA DETAILS			
1	Total plot area	212.62	HECTARE
2	Roads	3,63,300	SQMTR
3	Total Built-up Area	39,77,805	SQMTR
4	Green/Landscape	3,51,550	SQMTR
5	Community Facilities	Meditation Centre ,Milk Booth, Religious Building, Community Centres, Auditorium, Planetarium ,PCO, Internet Centre	
POPULATION			
6	Total Population	1,04,625	Nos
WATER & WASTEWATER DETAILS			
7	Total Water Requirement	20,324	KLD
8	Fresh Water Requirement	9,368	KLD
9	Waste Water Generation	12,173	KLD
10	Proposed STP Capacity	14,030 (9200 + 4830)	KLD

11	Treated Water Available for Reuse	10,956	KLD
12	Surplus Treated Water	1055	KLD
13	No. of Rain Water Harvesting Pits Proposed	35 16 in Launched Projects & 19 in road area	Nos
14	Seasonal Ponds	05	Nos
PARKING			
15	Total Parking required as per MoEF norms	7043	ECS
16	Total Parking required as per YEIDA Bye Laws norms	8613	ECS
17	Total Parking Proposed	8621	ECS
18	Total Parking Proposed at Basement area	3159	ECS
19	Total Parking Proposed at Stilt Area	394	ECS
20	Total Parking Proposed at Open Area	5068	ECS
POWER			
21	Total Power Requirement during Operation	115	MVA
22	Power Source	UPPCL	
23	Total DG set proposed	13 No's x 3000 KVA	KVA
SOLID WASTE GENERATION			
24	Total Solid Waste	52,469	Kg/day
25	Biomedical waste (25% of the waste generated from health care units)	975	Kg/day

4. Area details of the project:

S.No.	Particulars	Total Plot Area (ha.)	Total Plot Area (Sqm.)	FAR	Total Floor area (Sqm.)	Total Non FAR (Sqm.)	Total Built up Area (Sqm.)
1	Commercial	13.45	1,34,500	4	5,38,000	NIL	5,38,000
2	Sector Commercial	6.5	65,000	2	1,30,000	NIL	1,30,000
3	Residential						
A	Plotted Development	28.37	2,83,700	1.8	5,10,660	NIL	5,10,660
B	Group Housing (Identified)	26.98	2,69,800	3	8,09,400	242820	10,52,220
C	Residential Group Housing	44.64	4,46,400	3	13,39,200	NIL	13,39,200
4	Sector Institutional						
A	Institutional Facilities	6.56	65,600	1.5	98,400	NIL	98,400
B	Community Facilities	7.44	74,400	1.5	1,11,600	NIL	1,11,600
5	Health Care Facilities						
C	Hospital	5.9	59,000	2.75	1,62,250	NIL	1,62,250
D	Nursing Home Cum Dispensary	1.29	12,900	2.75	35,475	NIL	35,475
6	Green Area	35.16	3,51,550				
7	Roads	36.33	3,63,300				
8	Total	212.62	21,26,150		37,34,985	2,42,820	39,77,805

5. Population details:

S.No.	Particulars	Total Area/ No. of Beds/ No. of persons	Total Population
1	Commercial	538000	5380
2	Residential	93758	93,758
3	Sector Institutional		
a	Institutional Facilities	98400	1437
b	Community Facilities	111750	750
4	Health Care Facilities		
c	Hospital	1500	1500

d	Nursing Home Cum Dispensary	1100	1800
TOTAL POPULATION			1,04,625

6. Water calculation details:

S.No.	Particulars	Occupancy /Area	Fresh Water Demand		Treated Water Demand	
			lpcd	Quantity	lpcd	Quantity
1	Commercial	5380	30	161.4	15	80.7
2	Residential	93758	90	8438.22	45	4219.11
3	Institutional					
a	Institutional Facilities	1436	30	43.08	15	21.54
b	Community Facilities	750	30	22.5	15	11.25
4	Hospitals (1x1000 Beds +1X500 Beds)	1500	300	450	150	225
5	Nursing Home Cum Dispensary (11X100 Beds)	1100	230	253	110	121
6	Horticulture	351550	NIL	NIL	3l/sqm	1054.65
7	HVAC	52220 TR	NIL	NIL	10 lt. /Hr. x 10 Hr.	5222
Total Water Requirement				9368		10,956
The total water requirement for operational phase of the project is 20,324 KLD. Out of which 10,956 KLD will be met by treated water.						

7. Solid waste generation details;

S. No.	Category	Occupancy/Area	Kg per capita per day	Waste generated (kg/day)
1	Commercial	5380	5380 @ 0.25 kg / day	1345
2	Residential	93758	93758 @ 0.5 kg /day	46879
3	Sectoral Institutional			
a	Institutional Facilities	1436	1436 @ 0.15 kg /day	215
b	Community Facilities	750	750 @ 0.15 kg /day	113
4	Health Care Facilities			
c	Hospitals (1x1000 Beds +1x500 Beds)	1500	1500 @ 1.5 kg /day	2250
d	Nursing Home Cum Dispensary (11x100 Beds)	1100	1100 @ 1.5 kg /day	1650
5	Landscape waste (351550 m ²)	351550	86.86 @ 0.2 kg/acres	17.37
6	Total Solid Waste Generated			52,469

8. Total 16 number of Rain Water Harvesting pits are proposed in area for launched/ identified projects for rain water harvesting & 19 number of Rain Water Harvesting pits are proposed for road area. There are 5 seasonal ponds of total volume 34250 m³ provided to harvest the rainwater which will be conserved as water body.

9. Parking details:

S. No.	Particulars		Parking Area (Sq.m)	Area Per ECS (Sq.m)	ECS
1.	Buddh Studios Circuit	Open/ On Ground	22210	1 ECS/25 sqm	888
		Stilt	2961	1 ECS/30 sqm	98
2.	Naturvue Apartments	Open /On Ground	32661	1 ECS/25 sqm	1306
		Stilt	4355	1 ECS/30 sqm	145
3.	Udaan & Boulevard Court	Basement	110555	1 ECS/35 sqm	3159
		Open /On Ground	19742	1 ECS/25 sqm	790
4.	Aman-III Apartments	Open/ On Ground	33968	1 ECS/25 sqm	1359
		Stilt	4529	1 ECS/30 sqm	151
5.	Tanishq Square	Open/ On Ground	18116	1 ECS/25 sqm	725
Total					8621

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

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA regarding the project as follows:

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.
11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
21. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.

27. Explore possibility of generating biogas from biodegradable wastes.
28. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
34. Provide service road for entry and exit to project site.
35. Use of local building materials should be described.
36. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
37. Work out MGLC for the combined capacity of DG sets.
38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
41. Corporate Environmental Responsibility (CER) shall be prepared 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. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
42. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
43. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
45. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
 - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
 - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).

III. “I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost.”

IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.

- b. Another legal affidavit by the consultant stating “(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct”, as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
- c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
- h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

3. Jaypee Greens, Sports City East Part III, Sector- 19 , District-Gautam Buddha Nagar,U.P., M/s Jaypee Infratech Limited. File No. 5529/Proposal No. SIA/UP/NCP/50919/2020

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s OCEAO-ENVIRO Management Solutions (India) Private Limited. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Jaypee Greens, Sports City East Part III, Sector- 19 , District-Gautam Buddha Nagar,U.P., M/s Jaypee Infratech Limited.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 3318/SEAC/1097/2011/DDY dated 21/03/2013.
3. Salient features of the project:

S. No.	Description	Details as per Application	Units
AREA DETAILS			

1	Total plot area	50.73	HECTARE
2	Roads	49646	SQMTR
3	Total Built-up Area	11,12,410	SQMTR
4	Green/Landscape	74277	SQMTR
5	Community Facilities	Meditation Centre ,Milk Booth, Religious Building, Community Centres, Auditorium, Planetarium ,PCO, Internet Centre	
POPULATION			
6	Total Population	37037	Nos
WATER & WASTEWATER DETAILS			
7	Total Water Requirement	6134	KLD
8	Fresh Water Requirement	2828	KLD
9	Waste Water Generation	3673	KLD
10	Proposed STP Capacity	7670	KLD
11	Treated Water Available for Reuse	3306	KLD
12	Surplus Treated Water	223	KLD
13	No. of Rain Water Harvesting Pits Proposed	03	Nos
14	Seasonal Ponds	01	Nos
PARKING			
15	Presently the integrated township is connected with expressway and proposed and existing sector roads. The project is self sustained within itself having all the basic infrastructural facility, hence will not create any load to the existing road and transport networks nearby.		
POWER			
16	Total Power Requirement during Operation	42	MVA
17	Power Source	UPPCL	
18	Total DG set proposed	03 No's x 3000 KVA	KVA
SOLID WASTE GENERATION			
19	Total Solid Waste	16117	Kg/day
20	Biomedical waste (25% of the waste generated from health care units)	225	Kg/day

4. Area details of the project:

S.No.	Particulars	Total Plot Area (ha.)	Total Plot Area (Sqm.)	FAR	Total Floor area (Sqm.)	Total Non FAR (Sqm.)	Total Built up Area (Sqm.)
1	Commercial	3.45	34500	4	138000	Nil	138000
2	Sector Commercial	1.51	15100	2	30200	Nil	30200
3	Residential						
A	Residential Group Housing	28.82	288200	3	864600	Nil	864600
4	Sector Institutional						
B	Institutional Facilities	2.141	21410	1.5	32115	Nil	32115
C	Community Facilities	1.52	15200	1.5	22800	Nil	22800
5	Health Care Facilities						
D	Nursing Home Cum Dispensary	0.898	8980	2.75	24695	Nil	24695
6	Green Area	7.4277	74277				
7	Roads	4.9646	49646				
8	Total	50.73	5,07,313		11,12,410		11,12,410

5. Population details:

S.No.	Particulars	Area/ No. of Beds/ No.of Persons	Total Population
1	Commercial	130000	4333
2	Residential	26612	26,612

3	Sector Institutional		
a	Institutional Facilities	32115	3212
b	Community Facilities	22800	2280
4	Health Care Facilities		
c	Nursing Home Cum Dispensary	600	600
TOTAL			37,037

6. Water calculation details:

S.No.	Particulars	Occupancy/Area	Fresh Water Demand		Treated Water Demand	
			lpcd	Quantity	lpcd	Quantity
1	Commercial	4333	30	129.99	15	64.995
2	Residential	26612	90	2395.08	45	1197.54
3	Institutional					
a	Institutional Facilities	3212	30	96.36	15	48.18
b	Community Facilities	2280	30	68.4	15	34.2
4	Nursing Home Cum Dispensary (6X100 Beds)	600	230	138	110	66
5	Horticulture	74277	NIL	NIL	3l/sqm	222.831
6	HVAC	16720 TR	NIL	NIL	10 lt. /Hr. x 10 Hr.	1672
Total Water Requirement				2827.83		3305.746
The total water requirement for operational phase of the project is 6134 KLD. Out of which 3306 will be met by treated water.						

7. Solid waste generation details:

S. No.	Category	Occupancy/Area	Kg per capita per day	Waste generated (kg/day)
1	Commercial	4333	4333@ 0.25 kg / day	1083
2	Residential	26612	26612 @ 0.5 kg /day	13306
3	Sectoral Institutional			
a	Institutional Facilities	3212	3212 @ 0.15 kg /day	482
b	Community Facilities	2280	2280 @ 0.15 kg /day	342
4	Health Care Facilities			
d	Nursing Home Cum Dispensary (6x100 Beds)	600	600 @ 1.5 kg /day	900
5	Landscape waste (74277 m ²)	74277	18.35 @ 0.2 kg/acres	4
6	Total Solid Waste Generated			16117

8. Total 03 number of Rain Water Harvesting pits is proposed for rain water harvesting. There is 1 seasonal ponds having total volume of 7000 cum provided to harvest the rainwater which will be conserved as water body.

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

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA regarding the project as follows:

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.

5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.
11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
21. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.
27. Explore possibility of generating biogas from biodegradable wastes.
28. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction

- manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
 34. Provide service road for entry and exit to project site.
 35. Use of local building materials should be described.
 36. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
 37. Work out MGLC for the combined capacity of DG sets.
 38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
 39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
 40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
 41. Corporate Environmental Responsibility (CER) shall be prepared 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. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
 42. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
 43. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
 44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
 45. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
 - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
 - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
 - III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
 - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.

- c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
- h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

4. Expansion of IT Park Project at B-6, Sector-132, Noida, District-Gautam Buddha Nagar., M/s Espirit Techno Consultants Pvt. Ltd. File No. 5581/Proposal No. SIA/UP/NCP/52070/2020

RESOLUTION AGAINST AGENDA NO-04

The PP/consultant applied for TOR. The committee discussed the matter and observed that since it is the case of appraisal (8a) the project proponent/consultant should apply a fresh as per OM no. 22-23/2018-IA.III dated 13/03/2020 issued by MoEF&CC, Govt. of India.

5. Sand Mining at (Gata No.-392/1) Near Village- Barua Achatmalisi, Tehsil- Rajapur, Distt- Chitrakoot, M/s Kashi Construction Company.,Area-17.71 Ha. File No. 4912/Proposal No. SIA/UP/MIN/ 37811/2019

The committee noted that the matter was earlier discussed in 411th SEAC meeting dated 12/07/2019 and directed the project proponent to submit factual report from District Magistrate and submit D.S.R. amendment letter and committee in its meeting dated 06/01/2020 noted that action has already been taken by SEIAA in its meeting dated 20/12/2019. The project proponent through letter dated 19/05/2020 has submitted the replies and requested the matter in upcoming SEAC Meeting. Hence, the matter was listed in SEAC meeting dated 08/06/2020.

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Greencindia Consulting Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand Mining at (Gata No.-392/1) Near Village- Barua

Aithmali, Tehsil - Rajapur, District-Chitrakoot, U.P., (Leased Area-17.71 Ha), M/s Kashi Construction Company.

2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/37811/2019		
File No. allotted by SEIAA, UP	4912		
Name of Proponent	ShriAkhilesh Kumar, S/o Harishankar M/s Kashi Construction Company		
Full correspondence address of proponent	R/o-103 BadiHaat, Mahoba, U.P.		
Name of Project	BaruaAehatmali (area 17.71 ha sand/morrum mine) on Yamuna river		
Project location (Plot/Khasra/Gata No.)	Village – BaruaAehatmali, , Gata No. 392/1, Tehsil- Rajapur, District- Chitrakoot of Uttar Pradesh.		
Name of River	Yamuna River		
Name of Village	BaruaAehatmali		
Tehsil	Rajapur		
District	Chitrakoot		
Name of Minor Mineral	Sand/Morrum		
Sanctioned Lease Area (in Ha.)	17.71 Hectares		
Mineable Area (in Ha.)	17.082 Ha.		
Zero level mRL	76mRL		
Max. & Min mRl within lease area	82 - 77 mRL.		
Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°21'23.64"N	81°14'00.48"E
	B'	25°21'24.48"N	81°14'24.30"E
	B	25°21'31.55"N	81°14'03.05"E
	C	25°21'12.30"N	81°14'36.48"E
	D	25°21'09.00"N	81°14'32.52"E
Total Geological Reserves	8,85,500m ³		
Total Mineable Reserves in LOI	4,95,880 m ³		
Total Proposed Production	24,79,400 m ³		
Proposed Production/year (as per LoI)	4,95,880 m ³ /Year		
Sanctioned Period of Mine lease	5 Years		
Production of mine/day	1984m ³ /Day		
Method of Mining	Opencast Semi-mechanized mining		
No. of working days	250 days/ Year		
Working hours/day	12 Hours		
No. Of workers	78		
No. Of vehicles movement/day	220		
Type of Land	Govt. Land		
Ultimate Depth of Mining	Upto 3 metres		
Nearest metalled road from site	1630 m		
Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.78	
	Suppression of dust	7.82	
	Plantation	11.78	
	Others (if any)	0.00	
	Total	20.38	
Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1922/RA 0159 valid till 27/10/2022		
Any litigation pending against the project or land in any court	No		
Details of 500 m Cluster Map & certificate verified by Mining Officer	384/ Khanij/ 2018-19, Dated: 14 th February, 2019		
Details of Lease Area in approved DSR	Table No. – 17, Page No. – 57, Sl. No. – 30 ansShuddhiPatra dated 25.7.2019 issued by D.M. Chitrakoot.		

Length and breadth of Haul Road	Length 1630 m, Width 6.0 m
No of Trees to be planted	736 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. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. 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.
6. There is no litigation pending in any court regarding this project.
7. 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 to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional points:

Additional TORs:

1. The project proponent shall submit verified intermediate geo- coordinate as per shape of the lease map from competent authority.
2. DSR mismatch with LOI. Corrected documents should be submitted.

6. Sand/Morrum Mining Betwa River Bed at Khand No.-22/4, Village-Riruwa Basaria, Tehsil-Sarila, Distt.-Hamirpur., M/s Malhotra Brothers, Area 22.00 Ha. File No. 5668/Proposal No. SIA/UP/MIN/53338/2020

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining at Khand No.'-22/4, Village-Riruwa Basaria, Tehsil- Sarila, District- Hamirpur, U.P. M/s Malhotra Brothers (Leased Area - 22.0 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/53338/2020			
2.	File No. allotted by SEIAA, UP	5668			
3.	Name of Proponent	M/s Malhotra Brothers			
4.	Full correspondence address of proponent and mobile no.	R/o- Main Road, Pipriya, Madhya Pradesh			
5.	Name of Project	Area-22.0Ha For Sand/Morrum Mining at Khand No.'-22/4, Village-Riruwa Basaria, Tehsil- Sarila, District- Hamirpur, U.P. M/s Malhotra Brothers			
6.	Project Location(Plot.Khsra/Gata No.)	Khand No'-22/4			
7.	Name of Village	Riruwa Basaria			
8.	Tehsil	Sarila			
9.	District	Hamirpur			
10.	Name of Minor Mineral	Sand/Morrum			
11.	Name of River	Betwa River			
12.	Sanctioned Lease Area (in Ha.)	22.0 Ha.			
13.	Max. & Min mRL within lease area	114.0 mRL & 103.0 mRL			
		<table border="1"> <tr> <td>POINT</td> <td>LATTITUDE</td> <td>LONGITUDE</td> </tr> </table>	POINT	LATTITUDE	LONGITUDE
POINT	LATTITUDE	LONGITUDE			

			A	25°54'15.85"N	79°44'56.10"E	
			B	25°54'12.50"N	79°44'59.20"E	
			C	25°54'6.22"N	79°45'3.59"E	
			D	25°53'57.17"N	79°45'6.56"E	
			E	25°53'53.85"N	79°44'53.38"E	
			F	25°54'8.12"N	79°44'46.60"E	
			WORKABLE AREA			
			A	25°54'15.85"N	79°44'56.10"E	
			B	25°54'12.50"N	79°44'59.20"E	
			C	25°54'6.22"N	79°45'3.59"E	
			D-1	25°53'58.95"N	79°45'5.97"E	
			D-2	25°53'56.61"N	79°45'4.23"E	
			D-3	25°53'57.89"N	79°45'4.76"E	
			E	25°53'53.85"N	79°44'53.38"E	
			F	25°54'8.12"N	79°44'46.60"E	
			NON- WORKABLE AREA			
			D	25°53'57.17"N	79°45'6.56"E	
			D-1	25°53'58.95"N	79°45'5.97"E	
			D-2	25°53'56.61"N	79°45'4.23"E	
			D-3	25°53'57.89"N	79°45'4.76"E	
14.	Total Geological Reserves	652542m ³ /Annum				
15.	Total Mineable Reserve	378778m ³ /Annum				
16.	Total Proposed Production in LOI	351956m ³ /Annum				
17.	Proposed Production /year		Year	Production		
			1 St	351956m ³ /Annum		
			2 nd	351956m ³ /Annum		
			3 rd	351956m ³ /Annum		
			4 th	351956m ³ /Annum		
			5 th	351956m ³ /Annum		
			Total	1759780 m ³		
18.	Sanctioned Period of Mine lease	5 Years				
19.	Production of mine/day	1564m ³ /Day				
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method				
21.	No. of working days	225 Days				
22.	Working hours/day	8 Hours				
23.	No. of worker	100 Workers				
24.	No. of vehicles movement/day	174Trucks / Day (Depending on market demand)				
25.	Type of Land	Govt. Land				
26.	Ultimate of Depth of Mining	2.00 m				
27.	Nearest metalled road from site	2.50 Km				
28.	Water Requirement	PURPOSE			REQUIREMENT (KLD)	
29.		Drinking			1.00 KLD	
30.		Suppression of dust			12.00 KLD	
31.		Plantation			2.904 KLD	
32.		Others (if any)				
33.		Total			15.90 KLD(16.00 approx KLD)	
34.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.94 Period of Validity- 31-01-2021				
35.	Any litigation pending against the project or land in any court	No				

36.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-21/Khanij-MMC-Tees-Vividh (2019-20) Date-27.04.2020
37.	Details of Lease Area in approved DSR	Yes (Sr, No: 02)
38.	Proposed CER cost	2% of total project cost ie Rs 2,80,000
39.	Proposed EMP cost	22.50 Lakhs
40.	Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road
41.	No. of Trees to be Planted	726 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. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. 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.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following points:

1. Cluster certificate is to be revised.

7. Granite Gitti, Khanda, Boulders & Pahari Red Morrum Mining at Khasra No./Plot No.- 2131/3, Village-Rauli Kalyanpur, Tehsil-Karwi, District- Chitrakoot, U.P., Area -2.6313 ha. File No. 5624/Proposal No. SIA/UP/MIN/40307/2019

RESOLUTION AGAINST AGENDA NO-07

The project proponent did not appear. The committee observed that the PP/consultant has not submitted any document in the official file/circulation. The committee discussed and deliberated that the case will be taken when the complete documents is submitted to the Secretariat.

8. Building Stone,(Khandas & Gitti, Boulder) Mine at Gata No./Araji No./Plot No.- 281, Khand No.- 01, Villlage-Marodakhurd, Tehsil- Moth, District- Jhansi, U.P., M/s Harihar Stone Gramodhyog, Leased Area -0.890 ha. File No. 4734/Proposal No. SIA/UP/MIN/ 33155/2018

The committee noted that the matter was earlier discussed in 397th SEAC meeting dated 16/04/2019 and directed the project proponent to submit following information:

1. Revised cluster certificate.
2. Approved Khasra map/mining plan.
3. Revised CER plan.

The project proponent submitted their replies vide letter dated 30/01/2020. Hence, the matter was listed in SEAC meeting dated 08/06/2020. A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Paramarsh (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone (Building, Gitti-Boulder) mining at Gata No. – 281, Khand No.01, at Village – Madaurakhurd, Tehsil- Moth, District- Jhansi, Uttar Pradesh,

(Leased area 0.890 ha).

2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/33155/2018																					
2.	File No. allotted by SEIAA, UP	4734																					
3.	Name of Proponent	M/s Harihar Stone Gramodhyog																					
4.	Full correspondence address of proponent and mobile no.	Shri Sujeet Bahadur Singh S/o Shri Harihar Singh R/o- Vill- Sersa, Tehsil- Moth, District – District- Jhansi, Uttar Pradesh Mobile no. - 9415112584 E mail ID - hariharstonegramoudhyog@gmail.com																					
5.	Name of Project	Environmental Clearance of mining lease of Building Stone (Building, Gitti-Boulder) mining at Gata No. – 281, Khand No. 01, at Village – Madaurakhurd, Tehsil- Moth, District- Jhansi, Uttar Pradesh of M/s Harihar Stone Gramodhyog																					
6.	Project Location (Plot.Khsra/Gata No.)	Gata No. -281, Khand No. 01																					
7.	Name of River	Building Stone project																					
8.	Name of Village	Madaurakhurd																					
9.	Tehsil	Moth																					
10.	District	Jhansi																					
11.	Name of Minor Mineral	Building Stone (Building, Gitti-Boulder)																					
12.	Sanctioned Lease Area (in Ha.)	0.890 ha.																					
13.	Max. & Min mRL within lease area	Max - 183.20 mRL Min – 174.10 mRL																					
14.	Pillar Coordinates (Verified by DMO)	Geo-Co-ordinates of Total area <table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 47.377' N</td><td>79° 0.994' E</td></tr> <tr> <td>B</td><td>25° 47.397' N</td><td>79° 1.034' E</td></tr> <tr> <td>C</td><td>25° 47.341' N</td><td>79° 1.059' E</td></tr> <tr> <td>D</td><td>25° 47.332' N</td><td>79° 1.036' E</td></tr> <tr> <td>E</td><td>25° 47.330' N</td><td>79° 0.995' E</td></tr> <tr> <td>F</td><td>25° 47.354' N</td><td>79° 1.044' E</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	25° 47.377' N	79° 0.994' E	B	25° 47.397' N	79° 1.034' E	C	25° 47.341' N	79° 1.059' E	D	25° 47.332' N	79° 1.036' E	E	25° 47.330' N	79° 0.995' E	F	25° 47.354' N	79° 1.044' E
Point	Latitude	Longitude																					
A	25° 47.377' N	79° 0.994' E																					
B	25° 47.397' N	79° 1.034' E																					
C	25° 47.341' N	79° 1.059' E																					
D	25° 47.332' N	79° 1.036' E																					
E	25° 47.330' N	79° 0.995' E																					
F	25° 47.354' N	79° 1.044' E																					
15.	Total Geological Reserves	1,66,064 m ³																					
16.	Total Mineable Reserve in LOI	89,832 m ³ /annum																					
17.	Total Proposed Production	44,500 m ³ (5 years)																					
18.	Proposed Production /year	8,900 m ³ /annum																					
19.	Sanctioned Period of Mine lease	20 years																					
20.	Production of mine/day	30 m ³ /day																					
21.	Method of Mining	Opencast semi- mechanized																					
22.	No. of working days	300																					
23.	Working hours/day	8																					
24.	No. of worker	22																					
25.	No. of vehicles movement/day	3																					
26.	Type of Land	Govt./Non Forest Land (riverbed)																					
27.	Ultimate of Depth of Mining	12 m (plan period)																					
28.	Nearest metalled road from site	0.60 km																					
29.	Water Requirement	PURPOSE																					
30.		Drinking - 0.22 KLD																					
31.		Suppression of dust - 7.20 KLD																					
32.		Plantation - 0.25 KLD																					
33.		Others (if any) - 0.00 KLD																					
34.		Total - 7.67 KLD																					
35.	Name of QCI Accredited Consultant with QCI No and	NABET/EIA/1821 RA 0120																					

	period of validity.	Valid till – 01/05/2021
36.	Any litigation pending against the project or land in any court	No
37.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1628/30MMC (2019-20) dated - 03/02/2020
38.	Details of Lease Area in approved DSR	Serial no. 134 Page no. 09
39.	Proposed CER cost	0.55 lacs/annum
40.	Proposed EMP cost	9.38 lacs
41.	Length and breadth of Haul Road	Length – 0.60 km Breadth – 6.00 m
42.	No. of Trees to be Planted	250

- 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.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 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-08

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-2 to these minutes.

9. Building Stone (Gitti- Pathhar, Khandas, Boulder) mine at Gata No./Araji No./ Plot No.- 12, Khand No.-02 at Village- Paraichha, Tehsil-Moth, District- Jhansi, U.P., M/s Harihar Stone Gramodhyog Area- 0.890 Ha. File No. 4771/Proposal No. SIA/UP/ MIN/ 35196/2019

The committee noted that the matter was earlier discussed in 404th SEAC meeting dated 10/06/2019 and directed is as follows:

“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 observed that there is a mismatch between letter of intent (LoI) and District Survey Report (DSR). The committee directed the project proponent to rectify and corrected documents should be submitted for further consideration.”

The project proponent submitted their replies vide letter dated 30/01/2020. Hence, the matter was listed in SEAC meeting dated 08/06/2020. A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Paramarsh (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made informed the committee that:-

- The environmental clearance is sought for Building Stone (Gitti- Pathhar, Khandas, Boulder) mine at Gata No./Araji No./ Plot No.- 12, Khand No.-02 at Village- Paraichha, Tehsil-Moth, District- Jhansi, U.P., (Leased Area- 0.890 Ha), M/s Harihar Stone Gramodhyog.
- Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/35196/2019
2.	File No. allotted by SEIAA, UP	4771
3.	Name of Proponent	M/s Harihar Stone Gramodhyog
4.	Full correspondence address of proponent and mobile no.	Shri Sujeet Bahadur Singh S/o Shri Harihar Singh R/o- Vill- Sersa, Tehsil- Moth, District – District- Jhansi, Uttar Pradesh Mobile no. - 9415112584

		E mail ID - hariharstonegramoudhyog@gmail.com																		
5.	Name of Project	Environmental Clearance of mining lease of Building Stone (Building, Gitti-Boulder) mining at Gata No./Araji No. /Plot no. – 12, Khand No.02, Area - 0.890 ha. (2.25 Acres) at Village – Paraichha, Tehsil- Moth, District- Jhansi, Uttar Pradesh of M/s Harihar Stone Gramodhyog																		
6.	Project Location (Plot.Khsra/Gata No.)	Gata No. -12, Khand No.02																		
7.	Name of River	Building Stone project																		
8.	Name of Village	Paraichha																		
9.	Tehsil	Moth																		
10.	District	Jhansi																		
11.	Name of Minor Mineral	Building Stone (Building, Gitti-Boulder)																		
12.	Sanctioned Lease Area (in Ha.)	0.890 ha.																		
13.	Max. & Min mRL within lease area	Max - 159.20 mRL Min – 150.10 mRL																		
14.	Pillar Coordinates (Verified by DMO)	Geo-Co-ordinates of Total area <table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 45.555' N</td><td>79° 3.141' E</td></tr> <tr> <td>B</td><td>25° 45.576' N</td><td>79° 3.143' E</td></tr> <tr> <td>C</td><td>25° 45.527' N</td><td>79° 3.156' E</td></tr> <tr> <td>D</td><td>25° 45.496' N</td><td>79° 3.179' E</td></tr> <tr> <td>E</td><td>25° 45.484' N</td><td>79° 3.156' E</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	25° 45.555' N	79° 3.141' E	B	25° 45.576' N	79° 3.143' E	C	25° 45.527' N	79° 3.156' E	D	25° 45.496' N	79° 3.179' E	E	25° 45.484' N	79° 3.156' E
Point	Latitude	Longitude																		
A	25° 45.555' N	79° 3.141' E																		
B	25° 45.576' N	79° 3.143' E																		
C	25° 45.527' N	79° 3.156' E																		
D	25° 45.496' N	79° 3.179' E																		
E	25° 45.484' N	79° 3.156' E																		
15.	Total Geological Reserves	1,91,814 m ³																		
16.	Total Mineable Reserve in LOI	94,296 m ³ /annum																		
17.	Total Proposed Production	44,500 m ³ (5 years)																		
18.	Proposed Production /year	8,900 m ³ /annum																		
19.	Sanctioned Period of Mine lease	20 years																		
20.	Production of mine/day	30 m ³ /day																		
21.	Method of Mining	Opencast semi- mechanized																		
22.	No. of working days	300																		
23.	Working hours/day	8																		
24.	No. of worker	22																		
25.	No. of vehicles movement/day	3																		
26.	Type of Land	Govt./Non Forest Land (riverbed)																		
27.	Ultimate of Depth of Mining	18 m (plan period)																		
28.	Nearest metalled road from site	0.49 km																		
29.	Water Requirement	PURPOSE																		
		Drinking - 0.22 KLD																		
		Suppression of dust - 5.88 KLD																		
		Plantation - 0.20 KLD																		
		Others (if any) - 0.00 KLD																		
		Total - 6.30 KLD																		
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	NABET/EIA/1821 RA 0120 Valid till – 01/05/2021																		
31.	Any litigation pending against the project or land in any court	No																		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1627/30MMC (2019-20) dated - 03/02/2020																		
33.	Details of Lease Area in approved DSR	Serial no. 154 Page no. 11																		
34.	Proposed CER cost	0.55 lacs/annum																		
35.	Proposed EMP cost	8.44 lacs																		
36.	Length and breadth of Haul Road	Length – 0.49km Breadth – 6.00 m																		
37.	No. of Trees to be Planted	200																		

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. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. 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.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-09

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-2 to these minutes.

10. Building Stone, (Khandas, Gitti & Boulder) Mining at Gata No.-19, Khanda No.- 06, Village- Gani, Mahoba, Shri Santosh Kumar Gupta Area-1.619 ha. File No. 5117/Proposal No. SIA/UP/MIN/ 43580/2019

RESOLUTION AGAINST AGENDA NO-10

The project proponent/consultant did not provide required documents through e-mail for the members of the committee. Therefore, it is not possible to consider the case in the meeting. Hence, the committee directed to defer the matter from the agenda. The matter will be discussed only after submission of online request on prescribed portal.

11. Building Stone, (Khandas, Gitti & Boulder) Mining at Gata No.-93, Khanda No.- 1, Village- Bari, District- Mahoba. Shri Arvind Kumar, (Area-1.012 ha). File No. 5118/Proposal No. SIA/UP/MIN/ 43575/2019

RESOLUTION AGAINST AGENDA NO-11

The project proponent/consultant did not provide required documents through e-mail for the members of the committee. Therefore, it is not possible to consider the case in the meeting. Hence, the committee directed to defer the matter from the agenda. The matter will be discussed only after submission of online request on prescribed portal.

12. Building Stone (Khandas, Gitti & Boulder) Mining at Gata No.- 967, Khanda No.- 03, at Village- Karbai, , District- Mahoba U.P., Area -2.024 ha. File No. 5152/Proposal No. SIA/UP/MIN/ 45344/2019

RESOLUTION AGAINST AGENDA NO-12

The project proponent requested to defer the matter. The committee discussed the matter and directed to defer the matter from the agenda 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 portal.

13. River Bed Sand/Morrum Mining at Gata No.-05Aa, Village- Bandhauli, Tehsil-Urai, Distt.-Jalaun,U.P., M/s A.S.V.P. Construction, Area 36.437 Ha. File No. 5664/Proposal No. SIA/UP/MIN/53248/2020

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining at Khand No. 05A Gata No'-2256 & 2557 Village- Bandhauli, Tehsil- Urai, District- Jalaun, U.P. ASVP Construction (Leased Area - 36.437 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/53248/2020			
2.	File No. allotted by SEIAA, UP	5664			
3.	Name of Proponent	ASVP Construction			
4.	Full correspondence address of proponent and mobile no.	R/o- Majhara, Gonda, U.P			
5.	Name of Project	Area-36.437 Ha For Sand/Morrum Mining at Khand No.'-05/A Gata No'-2556 & 2557 Village- Bandhauli, Tehsil- Urai, District- Jalaun, U.P. ASVP Construction			
6.	Project Location (Plot.Khsra/Gata No.)	Khand No'-05A Gata No'-2556 & 2557			
7.	Name of Village	Bandhauli			
8.	Tehsil	Urai			
9.	District	Jalaun			
10.	Name of Minor Mineral	Sand/Morrum			
11.	Name of River	Betwa River			
12.	Sanctioned Lease Area (in Ha.)	36.437 Ha.			
13.	Max. & Min mRL within lease area	116.50 mRL & 111.50 mRL			
14.	Pillar Coordinates (Verified by DMO)		POINT	LATTITUDE	LONGITUDE
			A	25°51'12.02"N	79°29'16.50"E
			B	25°50'57.51"N	79°28'58.48"E
			C	25°50'41.49"N	79°29'0.97"E
			D	25°50'45.54"N	79°29'20.35"E
15.	Total Geological Reserves	10,93,110m ³ /Annum			
16.	Total Mineable Reserve	6,06,639m ³ /Annum			
17.	Total Proposed Production in LOI	5,45,400m ³ /Annum			
18.	Proposed Production /year		Year	Production	
			1 St	545400m ³ /Annum	
			2 nd	545400m ³ /Annum	
			3 rd	545400m ³ /Annum	
			4 th	545400m ³ /Annum	
			5 th	545400m ³ /Annum	
			Total	2727000 m ³	
19.	Sanctioned Period of Mine lease	5 Years			
20.	Production of mine/day	2424m ³ /Day			
21.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method			
22.	No. of working days	225 Days			
23.	Working hours/day	8 Hours			
24.	No. of worker	100 Worker			
25.	No. of vehicles movement/day	269Trucks / Day (Depending on market demand)			
26.	Type of Land	Govt. Land			

27.	Ultimate of Depth of Mining	1.75 m	
28.	Nearest metalled road from site	2.00 Km	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	1.00 KLD
		Suppression of dust	12.00 KLD
		Plantation	4.80 KLD
		Others (if any)	
		Total	17.80 KLD(18.00 approx KLD)
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.94 Period of Validity- 31-01-2021	
31.	Any litigation pending against the project or land in any court	No	
32.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-978/Khanij-MMC-Tees Date-13.03.2020	
33.	Details of Lease Area in approved DSR	Yes (Page No'-54 ,Sr No'-33) Shuddhi Patra	
34.	Proposed CER cost	2% of total project cost ie Rs 3,44,000	
35.	Proposed EMP cost	29.0 Lakhs	
36.	Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road	
37.	No. of Trees to be Planted	1202 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. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. 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.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1.

Additional agenda item:

14. Modification of Shipra Commercial Complex at Plot No.- 10/3, Vaibhav Khand, Indrapuram, District- Ghaziabad, U.P., M/s Shipra Estate Ltd. File No. 5680/Proposal No. SIA/UP/MIS/155459/2020

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Grass Roots Research & Creation India (P) Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Modification of Shipra Commercial Complex at Plot No.- 10/3, Vaibhav Khand, Indrapuram, District- Ghaziabad, U.P., M/s Shipra Estate Ltd.
2. Earlier, M/s Shipra Estate Ltd has obtained EC for Residential Project at Plot No-10, Vaibhav Khand, Indrapuram, Ghaziabad from SEIAA, U.P (Letter no. Ref. No. 1960/Parya/SEAC/1327/2013/DD(Sh) dated 12.10.2013) for Plot area 60,144.46 m² (14.86 acres) and Built-up area 3,20,574.47 m²
3. Salient features of the project:

DESCRIPTION	DETAILS
Plot Area	17,994.44 m ² (4.44 acres)
Built-Up Area	41,500.496 m ²
Population	7214 persons

Fresh Water Requirement	172 KLD
Solid Waste	1,186 kg/day
Electrical load	1930 kVA; Source: Paschim Vidyut Vitran Nigam Limited (PVVNL)
DG set	3 DG sets of total capacity (1 X 380 + 2 X 1250 KVA) with 2,880 KVA
RWH structures	6 Pits
Parking Required:	198 ECS (as per Bye laws)
Parking Proposed:	256 ECS

4. Area details of the project:

S. No.	Particulars	Area (in m ²) (After Modification)
1.	Total Plot area	17,994.44
3.	Permissible Ground Coverage	7,318.501
4.	Proposed Ground Coverage	7,198.16
5.	Permissible FAR	15,863.946
6.	Proposed FAR	15,863.946
7.	Total NON-FAR Area	25,636.55
	Basement Area	13002.51
	Store & Service Area (Lower ground floor)	11499.31
	Staircase area (Ground floor)	515.21
	Staircase area (First Floor)	558.06
	Mumty, Machine Room & Water tank	61.46
8.	Total Built up area (6+7)	41,500.496
9.	Proposed Landscape Area (As per master plan dated 31/07/2013)	4,678.55
10.	Maximum height of the building (m)	17.5

5. Comparative details of water and wastewater generated:

S. No.	Description	Value as per earlier EC (KLD)	After Post Modification (KLD)
1.	Total Water Requirement	751	422
2.	Total Domestic Water Requirement	726.04	263
3.	Fresh Water Requirement	473	172
4.	Total Wastewater Generated	632	229
5.	STP Capacity	750 KL	270 KL

6. Water calculation details:

S. No.	Description	Occupancy	Rate of water demand (lpcd)		Total Water Requirement (KLD)		
	Domestic Water		Fresh	Flushing	Fresh	Flushing	Total
A.	Retail Shops						
	Staff	468	25	20	11.7	9.36	21.06
	Visitors	4218	5	10	21.09	42.18	63.27
B.	Restaurant /outdoor seating						
	Staff	253	25	20	6.32	5.06	11.38
	Visitors	2275	55	15	125.12	34.12	159.24
C.	Water Requirement for Filter Back Wash				8		8
					172.23 say 172 KLD	90.72 say 91 KLD	262.95 say 263 KLD
Total Domestic Water Demand = 263 KLD							
D.	Horticulture	4,678.55	4 l/sqm		18.71 say 19 KLD		
E.	HVAC	140 KLD					
Total Water Requirement (A+B+C+D+E) = 422 KLD							

7. Solid waste generation details:

S. No.	Description	Occupancy	Waste Generated (kg/capita/day)	Waste Generated (kg/day)
1.	Domestic Solid Waste			

	Staff	721	0.25	180.25
	Visitors	6493	0.15	973.95
2.	Horticultural Waste (1.15 acre)		@ 0.2 kg/acre/day	0.23
3.	STP Sludge		Sludge generated x 0 .35 x B.O.D difference/1000	31.25
Total Solid Waste Generation= 1,185.68 kg/day say 1,186 kg/day				

8. Total green area measures 4,678.55 m².

9. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. 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.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. 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.

15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) shall be prepared 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. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.

33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

15. Bhawani Bux Ordinary Sand Mining in Yamuna River at Gata No.-2 Mi, , in Village-Mandanpur, Tehsil- Etmadpur, District-Agra, U.P., (Leased Area :7.28 Ha) File No. 4264/Proposal No. SIA/UP/MIN/ 74773/2018

The committee noted that the matter was earlier discussed in 339th SEAC meeting dated 18/05/2018 and recommended grant the environmental clearance for the revised production capacity i.e. 64,500 m³/year. The matter discussed by the SEIAA in its 213th SEIAA meeting dated 01/06/2018 and decided is as follows:

“The SEIAA gone through the recommendation of SEAC to grant Environment clearance with general & specific conditions. SEIAA also gone through the file and documents and found that in LOI dated 25-01-2018 the mineable reserve has been mentioned as 145600 m³/year whereas in the minutes of SEAC total mineable reserve according to LOI has been mentioned as 64500 m³/year under the project details. In Form-1 mineable reserve has been mentioned as 145600m³ while in the revised Form-1 submitted by project proponent mineable reserve has been mentioned as 64500m³ which is said to be as per LOI. No revised LOI has been submitted. Hence, SEIAA is of the opinion that the project proponent should clarify the matter and submit revised LOI/necessary documents from the competent authority in this regard.”

The project proponent submitted their replies vide letter dated 18/06/2018 and taken by the SEIAA in its meeting dated 23/06/2018 and directed is as follows:

“The SEIAA noted that the above project was taken in its meeting dated 01/6/2018 wherein it had asked the project proponent to submit revised LOI/necessary documents from the competent authority in this regard. The project proponent has submitted the reply vide letter dated 18-06-2018 in which it is mentioned that “As per approved mining plan the ultimate depth was 2.1 m however, the water level was observed to be met at 1 m. Therefore, the SEAC recommended revising the quantity as per the available depth i.e. 1m. ”The SEIAA is of the opinion that as per the minutes of joint meeting of SEIAA and SEAC dated 07-06-2018 a sub-committee comprising of 2-3 member of SEAC, concerned RO, UP Pollution Control Board and District mining officer may be constituted to inspect the site and to give its recommendation as early as possible.”

The SEIAA again discussed the matter in its 278th meeting dated 07/05/2019 and directed to refer the case to SEAC for necessary action. The matter was listed in 408th SEAC meeting dated 02/07/2019 and decided that site visit/spot verification shall be undertaken by Dr. R.P.S. Sangu, Member, SEAC, Dr. Pramod Kumar Mishra and District Mining Officer, Agra within 15 days and the site inspection report shall be submitted to SEAC.

The project proponent submitted a letter dated 26/05/2020 through which they have informed that the site visit has not undertaken by the SEAC till date. The project proponent requested to grant the environmental clearance as soon as possible.

The committee discussed the project proponent letter dated 26/05/2020 in its meeting dated 08/06/2020 and decided that the site visit cannot possible in the present time due to covid-19. The committee recommended to grant the environmental clearance alongwith general and specific conditions stipulated by the SEAC in its 339th SEAC meeting dated 18/05/2020.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajiv kumar)
Member

(Dr. Sarita Sinha)
Member

(Prof. S.K. Upadhyay,)
Member

(Dr. (Prof.) S. N. Singh)
Chairman

Terms of Reference for the Mining Project

- 1) Latest Site Pit photographs (May-June, 2020) should be submitted with date and time.
- 2) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 3) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 4) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 5) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 6) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 7) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 8) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 9) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 10) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 11) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 12) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 13) A Certificate from the Competent Authority in the State Forest Department should be provided,

confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

- 14) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 15) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 16) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 17) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 18) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 19) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 20) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 21) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 22) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be

shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

- 23) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 24) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 25) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 26) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 27) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 28) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 29) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in

truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 45) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.

- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

Annexure-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 required 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 for criteria pollutants shall be regularly up loaded on the company's website and also displayed at 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 on haul roads, 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, mobile toilets, 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.
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 of 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. 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.
4. The Environmental clearance will be co-terminus with the mining lease period.
5. Explosive cannot be stored on the site.
6. 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.
7. 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.
8. 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.
9. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
10. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
11. 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.

12. 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.
13. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
14. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
15. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
16. Rain water harvesting shall be undertaken to recharge the ground water source.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
 28. 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.
 29. 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.
 30. 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.
 31. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
 32. 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.
 33. 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.
 34. 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.
 35. 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. 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.
 36. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
 37. A final mine closure plan, 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.
 38. Project Proponent shall explore the possibility of using solar energy where ever possible.
 39. Commitment towards CER has to be followed strictly.
 40. 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.
 41. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
 42. The blasting will be done only after getting the permission from the Mining Department.