

### **Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020**

The 510<sup>th</sup> meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19) on 10/12/2020. Following members were participated in the online meeting:

- |    |                           |          |
|----|---------------------------|----------|
| 1. | Dr. 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   |

The Chairman welcomed the members to the 510<sup>th</sup> SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. **Building Stone (Sand Stone) at Araj No.-778, at Village- Hinauti, Tehsil- Sadar, District- Mirzapur, U.P. Shri Lavkush Chandra Das., ,Leased Area -1.50 ha. File No. 5115/Proposal No. SIA/UP/MIN/ 44556/2019**

#### **RESOLUTION AGAINST AGENDA NO-01**

The committee discussed the matter and observed that the reply of query raised in 495<sup>th</sup> SEAC meeting dated 30/09/2020 submitted by the project proponent is not satisfactory. Hence, the committee directed the project proponent to submit complete information regarding the project. The matter will be discussed only after submission of complete information by the project proponent.

2. **Building Stone (Sand Stone) Mining at Araj No.-547 at Village- Bhojpur Pahari, Tehsil- Sadar, District- Mirzapur, U.P., Leased Area -0.607 ha. File No. 5758/Proposal No. SIA/UP/MIN/ 133541/2019**

#### **RESOLUTION AGAINST AGENDA NO-02**

The committee discussed the matter and observed that the reply of query raised in 484<sup>th</sup> SEAC meeting dated 17/08/2020 submitted by the project proponent is not satisfactory. Hence, the committee directed the project proponent to submit complete information regarding the project. The matter will be discussed only after submission of complete information by the project proponent.

**3. Sand/Morrum Mining at Khasra No.- 177, 178 Mi, 176, 160, 159 A, 162, 161, 158, 157 Mi, 156, 155, 163 Mi, 154, 148, 146, 147, 145, 144, 143, 138, 142, 141, 139 Mi, 140 Mi, 129,, Village- GadhiwaMajhigawan, Tehsil- Khaga, Fatehpur, U.P., Area: 34.00 ha. File No. 4235/Proposal No. SIA/UP/MIN/25595/2018**

The committee noted that the matter was earlier discussed in 498<sup>th</sup> SEAC meeting dated 06/10/2020 and directed as follows:

“The project proponent submitted their replies through letter dated 24/09/2020. The matter was again listed in 498<sup>th</sup> SEAC meeting dated 06-10-2020 and SEAC noted that a letter dated 23.09.2020 of District Magistrate, Fatehpur has been submitted by project proponent through which they have informed the correctness of gata no 159 but project proponent has not submitted any clarification regarding the wrong gata nos. 127, 128, 130, 126, 125, 123, 124, 122, 121, 108 which are mentioned in Form-2 of online application under location of project. SEAC discussed the matter and directed the project proponent to submit clarification regarding the wrong gata nos. mentioned in application (Form-2).”

The project proponent submitted their replies vide letter dated 26/11/2020. Hence, the matter was listed in 510<sup>th</sup> SEAC meeting dated 10/12/2020. A presentation was made by the project proponent 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 Gadhiwamajhigawan Sand/Morrum Mining project on river bed of Yamuna at Village- Gadhiwamajhigawan, Tehsil-Khaga, District-Fatehpur, Uttar Pradesh, (Leased Area 34.0 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 335/parya/SEAC/4235/2017 dated 20/08/2018.
3. The public hearing was organized on 16/10/2019. Final EIA report submitted by the project proponent on 08/01/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/25595/2018		
2. File No. allotted by SEIAA, UP	4235		
3. Name of Proponent	Shri Daljeet Singh (Authorized Signatory- Arun Kumar Mishra)		
4. Full correspondence address of proponent and mobile no.	R/o-Amlikaur, Kaalu Kuwan, City, District-Banda (U.P.)		
5. Name of Project	Gadhiwamajhigawan Sand/Morrum Mining project on river bed of Yamuna		
6. Project location (Plot/Khasra/Gata No.)	Gata no. 177, 178 Mi, 176, 160, 159, 162, 161, 158, 157 Mi, 156, 155, 163 Mi, 154, 148, 146, 147, 145, 144, 143, 138, 142, 141, 139 Mi, 140 Mi, 129		
7. Name of River	Yamuna River		
8. Name of Village	Gadhiwamajhigawan		
9. Tehsil	Khaga		
10. District	District Fatehpur, Uttar Pradesh		
11. Name of Minor Mineral	Sand/Morrum Mining		
12. Sanctioned Lease Area (in Ha. )	34.0 ha		
13. Max. & Min mrl within lease area	88.0 mRL & 83.0 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude N	Longitude E

## Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020

	A	25° 38.307'	80° 57.014'
	B	25° 37.8136'	80° 57.0468'
	C	25° 37.714'	80° 56.784'
	D	25° 38.290'	80° 56.931'
15. Total Geological Reserves	932950m <sup>3</sup>		
16. Total Mineable Reserves in LOI	5,10,000 m <sup>3</sup> /annum		
17. Total Proposed Production (in five year)	2550000m <sup>3</sup>		
18. Proposed Production/year	5,10,000 m <sup>3</sup> /annum 9,18,000 TPA		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	3672 TPD		
21. Method of Mining	Opencast OTFM		
22. No. of working days	250		
23. Working hours/day	8		
24. No. Of workers	83		
25. No. Of vehicles movement/day	184		
26. Type of Land	Govt Land		
27. Ultimate Depth of Mining	3 m		
28. Nearest metalled road from site	SH-71		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.0 KLD	
	Suppression of dust	7.0 KLD	
	Plantation	1.0 KLD	
	Others (if any)		
	Total	9.0 KLD	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution validity=10-12-2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 507/30-khanij (2018-19) dated 25-04-2018		
33. Details of Lease Area in approved DSR	Page No.34, Table No. 7		
34. Proposed CSR cost	RS-5,50,000/-		
35. Proposed EMP cost	Capital Rs-10,00,000/- recurring cost- Rs 6,00,000/-		
36. Length and breadth of Haul Road	1150m, 6 m		
37. No. of Trees to be Planted	1100 plants		

5. 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.
6. 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.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

### RESOLUTION AGAINST AGENDA NO-03

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 & 2 to these minutes regarding mining project.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.

2. 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.
3. Environment management in according to environmental status and impact of the project.
4. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. 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.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

4. **Building Stone (Khanda, Gitti, Boulder ) Mining at Gata No.-442 Ga, Khand No.- 02, at Village- Dongri, Tehsil-Sadar, District -Jhansi, U.P. ShriVinay Kumar., area-1.618 ha. File No. 5984/Proposal No. SIA/UP/MIN/181359/2020**

**RESOLUTION AGAINST AGENDA NO-04**

The committee discussed the matter and observed that the project proponent has not submitted the approved District Survey Report of District, Jhansi. Hence, the committee directed to defer the matter. The matter will be discussed only after submission of online information on prescribed portal.

5. **Building Stone (Khanda, Gitti, Boulder )Mining at Gata No.-105, Khand No.- 01, at Village- Athodna, Tehsil-Sadar, District -Jhansi, U.P. ShriVinay Kumar area-2.023 ha. File No. 5985/Proposal No. SIA/UP/MIN/181166/2020**

**RESOLUTION AGAINST AGENDA NO-05**

The committee discussed the matter and observed that the project proponent has not submitted the approved District Survey Report of District, Jhansi. Hence, the committee directed to defer the matter. The matter will be discussed only after submission of online information on prescribed portal.

6. **Building Stone (Khanda, Gitti, Boulder) Mining at Gata No.-06, Khand No.- 01, at Village- PunawaliKalan, Tehsil & District -Jhansi, U.P. Shri Raj Kumar Parecha., area-2.428 ha. File No. 5986/Proposal No. SIA/UP/MIN/183925/2020**

**RESOLUTION AGAINST AGENDA NO-06**

The committee discussed the matter and observed that the project proponent has not submitted the approved District Survey Report of District, Jhansi. Hence, the committee directed to defer the matter. The matter will be discussed only after submission of online information on prescribed portal.

7. **Sand Mining from Ganghra river at Gata No.- 648, Village- Malauli, Tehsil- Gola, District- Gorakhpur, U.P., Shri Sanjay Kumar Maddeshiya., Area -5.0 ha. File No. 5990/Proposal No. SIA/UP/MIN/185038/2020**

A presentation was made by the project proponent 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 sand mining from river bed of Ghaghra, at Khand No. 2/3, Village – Malauli, Tehsil – Gola, District- Gorakhpur, Uttar Pradesh, (Leased Area - 5.0 ha. (12.35).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 185038/2020
2.	File No. allotted by SEIAA, UP	5990
3.	Name of Proponent	Shri Sanjay Kumar Madheshiya
4.	Full correspondence address of proponent and mobile no.	R/o: Bulhawa, Post- Chhitauni, Tehsil- Khadda, Distt- Kushinagar, Uttar Pradesh
		Mobile no. – 9984144088
		E mail ID - madheshiyasanjay85@gmail.com
5.	Name of Project	Environmental clearance for ordinary sand mining

**Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020**

		from river bed of Ghaghra, at Khand No. 2/3, Area - 5.0 ha. (12.35) at Village – Malauli, Tehsil – Gola, District- Gorakhpur, Uttar Pradesh of Shri Sanjay Kumar Madheshiya		
6.	Project Location (Plot. Khasra/Gata No.)	Khand No.- 2/3		
7.	Name of River	Ghaghra		
8.	Name of Village	Malauli		
9.	Tehsil	Gola		
10.	District	Gorakhpur		
11.	Name of Minor Mineral	Ordinary sand		
12.	Sanctioned Lease Area (in Ha.)	5.0 ha.		
13.	Max. & Min mRL within lease area	Highest mRL is 75.00 Lowest mRL is 71.00 Zero mRL - 70		
14.	Pillar Coordinates (Verified by DMO)	Geo-Co-ordinates of Lease Area		
		Point	Latitude N	Longitude E
		A	26° 23' 03.20''	83° 15' 05.00''
		B	26° 22' 59.80''	83° 15' 01.00''
		C	26° 22' 56.40''	83° 15' 12.00''
		D	26° 22' 58.95''	83° 15' 15.41''
15.	Total Geological Reserves	50,032 m <sup>3</sup>		
16.	Total Mineable Reserve in LOI	25,000 m <sup>3</sup> /annum		
17.	Total Proposed Production	1,25,000 m <sup>3</sup> (5 years)		
18.	Proposed Production /year	25,000 m <sup>3</sup> /annum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	93 m <sup>3</sup> /day		
21.	Method of Mining	Opencast semi- mechanized		
22.	No. of working days	270		
23.	Working hours/day	8		
24.	No. of worker	13		
25.	No. of vehicles movement/day	8		
26.	Type of Land	Govt./Non Forest Land (riverbed)		
27.	Ultimate of Depth of Mining	3 m		
28.	Nearest metalled road from site	0.31 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.13 KLD	
		Suppression of dust	- 3.72 KLD	
		Plantation	- 0.14 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 4.00 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh servicing Environment and Development 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 – 462 dated - 29/10/2020		
33.	Details of Lease Area in approved DSR	Serial no. 32 Page no. 16		
34.	Proposed CER cost	1.40 lacs/annum		
35.	Proposed EMP cost	6.92 lacs		
36.	Length and breadth of Haul Road	Length – 0.31 km Breadth – 6.00 m		

37.	No. of Trees to be Planted	144
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3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-07**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1&2 to these minutes regarding mining project.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
2. 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.
3. Environment management in according to environmental status and impact of the project.
4. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakka motorable haul road to be maintained by the project proponent.
7. 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.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.

22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**8. Sand Mining from Rapti River Bed at Gata No./Khand No.- 03,at Village- Indravar, Tehsil- Campierganj, District- Gorakhpur, U.P., ShriManoj Singh., Area -5.0 ha. File No. 5999/Proposal No. SIA/UP/MIN/184874/2020**

A presentation was made by the project proponent 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 ordinary sand mining from river bed of Rapti at Gata/Khand No. 3 at Village – Indravar, Tehsil – Campierganj, District- Gorakhpur, Uttar Pradesh, (Leased Area - 5.0 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 184874/2020
2.	File No. allotted by SEIAA, UP	5999
3.	Name of Proponent	ShriManoj Singh
4.	Full correspondence address of proponent and mobile no.	R/o: 289 Shakti Nagar Colony, Basaratpur, Tehsil- Sadar, Distt- Gorakhpur-273003. Mobile no. – 8726988888 E mail ID - manojgsandgkp@gmail.com
5.	Name of Project	Environmental clearance for ordinary sand mining from river bed of Rapti at Gata/Khand No. 3, Area - 5.0 ha. (12.35) at Village – Indravar, Tehsil – Campierganj, District- Gorakhpur, Uttar Pradesh of ShriManoj Singh
6.	Project Location (Plot. Khasra/Gata No.)	Khand No.- 3
7.	Name of River	Rapti
8.	Name of Village	Indravar
9.	Tehsil	Campierganj
10.	District	Gorakhpur
11.	Name of Minor Mineral	Ordinary sand
12.	Sanctioned Lease Area (in Ha.)	5.0 ha.



**Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020**

13.	Max. & Min mRL within lease area	Highest mRL is 76.00 Lowest mRL is 74.00 Zero mRL - 72																														
14.	Pillar Coordinates (Verified by DMO)	Geo-Co-ordinates of Lease Area <table><tr><td>Point</td><td>Latitude N</td><td colspan="2">Longitude E</td></tr><tr><td>A</td><td>27° 04'09.77"N</td><td colspan="2">83°10'46.93"E</td></tr><tr><td>B</td><td>27° 04'10.20"N</td><td colspan="2">83°10'49.21"E</td></tr><tr><td>B'</td><td>27° 04'36.10"N</td><td colspan="2">83°10'44.45"E</td></tr><tr><td>C</td><td>27° 04'40.52"N</td><td colspan="2">83°10'32.33"E</td></tr><tr><td>D</td><td>27° 04'38.54"N</td><td colspan="2">83°10'30.03"E</td></tr><tr><td>D'</td><td>27° 04'35.17"N</td><td colspan="2">83°10'46.93"E</td></tr></table>			Point	Latitude N	Longitude E		A	27° 04'09.77"N	83°10'46.93"E		B	27° 04'10.20"N	83°10'49.21"E		B'	27° 04'36.10"N	83°10'44.45"E		C	27° 04'40.52"N	83°10'32.33"E		D	27° 04'38.54"N	83°10'30.03"E		D'	27° 04'35.17"N	83°10'46.93"E	
Point	Latitude N	Longitude E																														
A	27° 04'09.77"N	83°10'46.93"E																														
B	27° 04'10.20"N	83°10'49.21"E																														
B'	27° 04'36.10"N	83°10'44.45"E																														
C	27° 04'40.52"N	83°10'32.33"E																														
D	27° 04'38.54"N	83°10'30.03"E																														
D'	27° 04'35.17"N	83°10'46.93"E																														
15.	Total Geological Reserves	50,036 m <sup>3</sup>																														
16.	Total Mineable Reserve in LOI	25,000 m <sup>3</sup> /annum																														
17.	Total Proposed Production	1,25,000 m <sup>3</sup> (5 years)																														
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25.	No. of vehicles movement/day	8																														
26.	Type of Land	Govt./Non Forest Land (riverbed)																														
27.	Ultimate of Depth of Mining	2.5 m																														
28.	Nearest metalled road from site	0.90 km																														
29.	Water Requirement	PURPOSE <table><tr><td>Drinking</td><td>- 0.13 KLD</td></tr><tr><td>Suppression of dust</td><td>- 10.08 KLD</td></tr><tr><td>Plantation</td><td>- 0.385 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>- 11.32 KLD</td></tr></table>			Drinking	- 0.13 KLD	Suppression of dust	- 10.08 KLD	Plantation	- 0.385 KLD	Others (if any)	- 0.00 KLD	Total	- 11.32 KLD																		
Drinking	- 0.13 KLD																															
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Plantation	- 0.385 KLD																															
Others (if any)	- 0.00 KLD																															
Total	- 11.32 KLD																															
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and Development 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 – 416/Khanij-2020 dated - 21/09/2020																														
33.	Details of Lease Area in approved DSR	Serial no. 38 Page no. 16																														
34.	Proposed CER cost	1.40 lacs/annum																														
35.	Proposed EMP cost	12.90 lacs																														
36.	Length and breadth of Haul Road	Length – 0.90 km Breadth – 6.00 m																														
37.	No. of Trees to be Planted	385																														

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-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-1&2 to these minutes regarding mining project.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
2. 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.
3. Environment management in according to environmental status and impact of the project.
4. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. 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.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.

23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**9. Soil Excavation at Gata No.-291, 292, Kha, 307, 309, 273, 243, 274, Village-BahadurPur Rajput, Tehsil- Bilari, District- Moradabad, U.P. ShriKailash Singh, area-1.3470 ha. File No. 5952/Proposal No. SIA/UP/MIN/179740/2020**

**RESOLUTION AGAINST AGENDA NO-09**

The committee discussed the matter and observed that the land document submitted by the project proponent the Gata no. 274 has been transferred to Irrigation Department as per Khasra/Khatauni. A clarification in this regard should be submitted. The matter will be discussed only after submission of online information on prescribed portal.

**10. Earth Mining at Gata No.-735, 732 Kha, 734 Kha, 732 Ka, 734 Ka, 699, Village- Neri, Tehsil & District- Sitapur, U.P., Shri Sanjay Singh., Area: 0.801ha). File No. 5955/Proposal No. SIA/UP/MIN/180075/2020**

**RESOLUTION AGAINST AGENDA NO-10**

The project proponent/consultant vide letter dated 10/12/2020 have requested to defer the matter from the agenda. The committee discussed and directed to defer the matter from the agenda as per request made by the project proponent. The matter will be discussed only after request received from the project proponent.

**11. Earth Mining at Gata No.-7, 373, 374, 585, 587, 588, 589, 620, 692, 693, 706, 808, 809, 812, 463, 464, 467, 468, 469, 501, 683, 60, 481, 204, 338 ka , 279, 281 ka, 341, Village- Khapura, Tehsil & District- Sitapur, U.P., Smt. GeetaShukla., M/s Ramraj Construction Area: 4.085ha. File No. 5957/Proposal No. SIA/UP/MIN/180170/2020**

**RESOLUTION AGAINST AGENDA NO-11**

The project proponent/consultant vide letter dated 10/12/2020 have requested to defer the matter from the agenda. The committee discussed and directed to defer the matter from the agenda as per request made by the project proponent. The matter will be discussed only after request received from the project proponent.

**12. Earth Mining at Gata No.-125 mi, 1238 mi, , Village-DhanaiKhera, Tehsil & District-Sitapur., Smt. GeetaShukla, M/s Ramraj Construction, Area: 1.295 ha. File No. 5959/Proposal No. SIA/UP/MIN/180164/2020**

**RESOLUTION AGAINST AGENDA NO-12**

The project proponent/consultant vide letter dated 10/12/2020 have requested to defer the matter from the agenda. The committee discussed and directed to defer the matter from the agenda as per request made by the project proponent. The matter will be discussed only after request received from the project proponent.

**13. Earth Mining at Khasra No.-116,38Ma,601,63M,65Ma, Village-Sakeri, Budhana, Muzaffarnagar., ShriTejveer Singh, M/s RCC Developers Ltd., Area: 4.955 ha. File No. 5960/Proposal No. SIA/UP/MIN/132113/2019**

**RESOLUTION AGAINST AGENDA NO-13**

The project proponent did not circulate the documents to the members of SEAC on time. Hence, the committee directed to defer the matter. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

**14. Soil Mining from Khasra/Gata No.-486 Kha& 486 Gha, at Village-Chilvara (Khairabad), Tehsil & District- Sitapur., Shri Ashfaq Ahmad, Area: 4.028 Ha). File No. 5961/Proposal No. SIA/UP/MIN/180651/2020**

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

1. The environmental clearance is sought for Soil Mining at Araj/Gata no.-486kha& 486Gha, Village-Chilvara (Khairabad), Tehsil-Sitapur, District-Sitapur, U.P., (Leased Area-4.028 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/180651/2020				
2.	File No. allotted by SEIAA, UP	5961				
3.	Name of Proponent	Ashfaq Ahmad				
4.	Full correspondence address of proponent and mobile no.	Ashfaq Ahmad				
		R/o village- Bhooda, Tehsil & District- Bareilly, U.P.				
		Mobile no.- E-mail Id- ashfaqahmad5418@gmail.com				
5.	Name of Project	Soil Mining Village –Chilvara(Khairabad), Tehsil-Sitapur, District–Sitapur, Uttar Pradesh				
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –486kha & 486Gha,Village –Chilvara(Khairabad), Tehsil-Sitapur, District–Sitapur, Uttar Pradesh				
7.	Name of River	NA				
8.	Name of Village	Chilvara (Khairabad)				
9.	Tehsil	Sitapur				
10.	District	Sitapur				
11.	Name of Minor Mineral	Soil Mining				
12.	Sanctioned Lease Area (in Ha.)	4.028 ha.				
13.	Max. & Min mRL within lease area	133.0mRL				
14.	Pillar Coordinates (Verified by DMO)	Gata no	points	Latitude	longitude	

**Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020**

		486kha 486gha	A	27°29'4.17"N	80°40'48.16"E	
			B	27°29'5.72"N	80°40'50.43"E	
			C	27°29'4.26"N	80°40'51.96"E	
			D	27°29'2.68"N	80°40'49.75"E	
			E	27°29'2.68"N	80°40'49.75"E	
			F	27°29'4.26"N	80°40'51.96"E	
			G	27°29'2.89"N	80°40'53.02"E	
			H	27°29'1.02"N	80°40'52.19"E	
15.	Total Geological Reserves	83370 m <sup>3</sup>				
16.	Total Mineable Reserve (as per Approved Mine Plan)	76129 m <sup>3</sup>				
17.	Total Proposed Production	76129 m <sup>3</sup>				
18.	Proposed Production in 6 months	76129 m <sup>3</sup>				
19.	Sanctioned Period of Mine lease	06 months				
20.	Production of mine/day	423 m <sup>3</sup> /day				
21.	Method of Mining	Opencast, Semi-Mechanized				
22.	No. of working days	180				
23.	Working hours/day	8				
24.	No. of worker	20				
25.	No. of vehicles movement/day	47				
26.	Type of Land	Revenue land				
27.	Ultimate of Depth of Mining	2.1m				
28.	Nearest metalled road from site	700m				
29.	Water Requirement	PURPOSE			REQUIREMENT (KLD)	
		Drinking			2.8 KLD	
		Suppression of dust			0.6 KLD	
		Plantation			0.5 KLD	
		Others (if any)			-	
		Total			3.9 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 78, VALID TILL 03/04/2021				
31.	Any litigation pending against the project or land in any court	No				
32.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 3333/khanan/sitapur/2020-21				
33.	Details of Lease Area in approved DSR	4.028 ha.				
34.	Proposed CER cost	Rs. 20000				
35.	Proposed EMP cost	Total project cost-10 lakh				
36.	Length and breadth of Haul Road	700m & 6m				
37.	No. of Trees to be Planted	50				

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

**RESOLUTION AGAINST AGENDA NO-14**

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-4 to these minutes regarding Soil Earth mining project.

**15. Earth Mining at Khasra No.-56, 166, Village-Bharadwaj Colony, Tehsil- Shorampur, Bulandshahar., M/s Atlas Construction Pvt. Ltd., Area: 0.5137 ha. File No. 5962/Proposal No. SIA/UP/MIN/147417/2020**

**RESOLUTION AGAINST AGENDA NO-15**

The project proponent did not circulate the documents to the members of SEAC on time. Hence, the committee directed to defer the matter. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

**16. Building Stone (Khanda, Boulder, Ballast & Gitti) Mining at Gata No.-2/4, Khand No.-06, at Village- Jujhar, Tehsil-Sadar, District -Mahoba, U.P. Shri Mamta Trivedi ., area- 1.619 ha. File No. 5969/Proposal No. SIA/UP/MIN/58021/2020**

A presentation was made by the project proponent 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 Building Stone (Khanda, Boulder, Ballast, Gitti) Mining at Gata No.-2/4 Khand No.- 6, Village- Jujhar Tehsil- Sadar, District- Mahoba U.P., (Leased Area – 1.619 Ha)
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/58021/2020															
2.	File No. allotted by SEIAA, UP	5969															
3.	Name of Proponent	Smt Mamta Trivedi W/o Shri Manoj Kumar Trivedi															
4.	Full correspondence address of proponent and mobile no.	R/o- Amrit Colony, Gandhi Nagar, District-Mahoba, U.P															
5.	Name of Project	Area – 1.619 Ha for Building Stone (Khanda, Boulder, Ballast, Gitti Mining at Gata No.-2/4 Khand No.- 6, Village- Jujhar Tehsil- Sadar, District- Mahoba U.P. Smt Mamta Trivedi W/o Shri Manoj Kumar Trivedi															
6.	Project Location (Plot. Khasra/Gata No.)	Gata No.-2/4 Khand No.- 6															
7.	Name of Village	Jujhar															
8.	Tehsil	Sadar															
9.	District	Mahoba															
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Ballast, Gitti) Mining															
11.	Sanctioned Lease Area (in Ha.)	1.619 Ha.															
12.	Max. & Min mRL within lease area	197.0 mRL & 177.0 mRL															
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°24'19.968"N</td><td>79°55'16.907"E</td></tr> <tr> <td>B</td><td>25°24'17.111"N</td><td>79°55'19.741"E</td></tr> <tr> <td>C</td><td>25°24'14.019"N</td><td>79°55'16.761"E</td></tr> <tr> <td>D</td><td>25°24'16.855"N</td><td>79°55'13.111"E</td></tr> </tbody> </table>	Pillar	Latitude	Longitude	A	25°24'19.968"N	79°55'16.907"E	B	25°24'17.111"N	79°55'19.741"E	C	25°24'14.019"N	79°55'16.761"E	D	25°24'16.855"N	79°55'13.111"E
Pillar	Latitude	Longitude															
A	25°24'19.968"N	79°55'16.907"E															
B	25°24'17.111"N	79°55'19.741"E															
C	25°24'14.019"N	79°55'16.761"E															
D	25°24'16.855"N	79°55'13.111"E															
14.	Total Geological Reserves	812906 m <sup>3</sup> /Annum															
15.	Total Mineable Reserve in L.O.I	64,760 m <sup>3</sup> /Annum															
16.	Total Proposed Production in LOI	64,760 m <sup>3</sup> /Annum															
17.	Total Proposed Production in 10 year	64,760*10 = 647600															
18.	Sanctioned Period of Mine lease	10 Years															
19.	Production of mine/day	216 m <sup>3</sup> /Day															
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method															
21.	No. of working days	300 Days															

22.	Working hours/day	8 Hours	
23.	No. of worker	30 Workers	
24.	No. of vehicles movement/day	24 Trucks/Day	
25.	Type of Land	(Govt. Land)	
26.	Ultimate of Depth of Mining	6.0 m	
27.	Nearest metalled road from site	2.30 Km	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.30
		Suppression of dust	6.00
		Plantation	0.32
		Others (if any)	
		Total	6.62 KLD
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 31-01-2021	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No 4983/MMC30/2020-21 Date-28.08.2020	
32.	Details of Lease Area in approved DSR	Yes (Page No: 87, &Sr, No: 111)	
33.	Proposed CER cost	1.5 Lac	
34.	Proposed EMP cost	13.63 Lac	
35.	Length and breadth of Haul Road	500mtr Length & 6m width haulage road	
36.	No. of Trees to be Planted	80Trees	

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

**RESOLUTION AGAINST AGENDA NO-16**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

1. Composite map should be provided at the time of EIA presentation.

**17. Building Stone(Khanda, Boulder, Bailast&Gitti)Mining at Gata No.-2/4, Khand No.-03, at Village- Jujhar, Sadar, Mahoba. ShriLaxmi Prasad, area-4.048 ha. File No. 5970/Proposal No. SIA/UP/MIN/58025/2020**

A presentation was made by the project proponent 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 Building Stone (Khanda, Boulder, Ballast, Gitti) Mining at Gata No.-2/4 Khand No.- 3, Village- Jujhar Tehsil- Sadar ,District- Mahoba U.P., (Leased Area – 4.048 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/58025/2020
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**Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020**

2.	File No. allotted by SEIAA, UP	5970		
3.	Name of Proponent	ShriLaxmi Prasad S/o Late ShriChunna Prasad		
4.	Full correspondence address of proponent and mobile no.	R/o- Shashtri Nagar, Atarra, District-Banda,U.P		
5.	Name of Project	Area – 4.048 Ha forBuilding Stone Khanda, Boulder, Ballast, Gitti) Mining at Gata No.-2/4 Khand No.- 3, Village- Jujhar Tehsil- Sadar ,District- Mahoba U.P. ShriLaxmi Prasad S/o Late ShriChunna Prasad		
6.	Project Location(Plot.Khsra/Gata No.)	Gata No.-2/4 Khand No.- 3		
7.	Name of Village	Jujhar		
8.	Tehsil	Sadar		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone(Khanda,Boulder,Ballast,Gitti) Mining		
11.	Sanctioned Lease Area (in Ha.)	4.048 Ha.		
12.	Max. & Min mRL within lease area	197.0 mRL& 177.0mRL		
13.	Pillar Coordinates (Verified by DMO)	Point	Lattitude	Longitude
		A	25°24'13.769"N	79°55'16.519"E
		B	25°24'23.072"N	79°55'25.489"E
		C	25°24'20.388"N	79°55'27.853"E
		D	25°24'12.082"N	79°55'19.816"E
		E	25°24'12.033"N	79°55'18.997"E
		F	25°24'10.842"N	79°55'18.515"E
		G	25°24'11.179"N	79°55'17.489"E
14.	Total Geological Reserves	2137068 m <sup>3</sup> /Annum		
15.	Total Mineable Reserve in L.O.I	1,61,920m <sup>3</sup> /Annum		
16.	Total Proposed Production in LOI	1,61,920m <sup>3</sup> /Annum		
17.	Total Proposed Production in 10 year	161,920*10 =1619200 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Production of mine/day	540 m <sup>3</sup> /Day		
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method		
21.	No. of working days	300 Days		
22.	Working hours/day	8 Hours		
23.	No. of worker	38 Workers		
24.	No. of vehicles movement/day	60Trucks/Day		
25.	Type of Land	(Govt. Land)		
26.	Ultimate of Depth of Mining	6.0 m		
27.	Nearest metalled road from site	1.60 Km		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.38	
		Suppression of dust	6.00	
		Plantation	0.80	
		Others (if any)		
		Total	7.18 KLD	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 31-01-2021		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No5010/M.M.C-30/2020-21 Date-10.09.2020		
32.	Details of Lease Area in approved DSR	Yes (Page No: 88, &Sr, No: 123)		



33.	Proposed CER cost	1.61Lac
34.	Proposed EMP cost	15.10 Lac
35.	Length and breadth of Haul Road	500mtr Length & 6m width haulage road
36.	No. of Trees to be Planted	200Trees

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

**RESOLUTION AGAINST AGENDA NO-17**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

- Corrected composite map should be provided at the time of EIA presentation.

**18. Building Stone (Khanda, Boulder, Gitti -Ballast) Mining at Khand No.-05 at Village-Sirbo, Tehsil-Garautha, Jhansi. ShriPradeepDevnath ,area-1.618 ha. File No. 5975/Proposal No. SIA/UP/MIN/58170/2020**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

- The environmental clearance is sought for Building Stone (Khanda, Boulder, Ballast, Gitti) Mining at Khand No.- 5, Village- SirboTehsil- Garautha ,District- Jhansi , U.P., (Leased Area – 1.618 Ha)
- Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/58170/2020												
2.	File No. allotted by SEIAA, UP	5975												
3.	Name of Proponent	ShriPradeepDevnath S/o ShriRadhaMadhavDevnath												
4.	Full correspondence address of proponent and mobile no.	R/o- 180 PAC , NaktiyaRange, Bhrtaul, Thana Cantt, Bareilly,U.P												
5.	Name of Project	Area – 1.618 Ha forforBuilding Stone (Khanda,Boulder,Ballast,Gitti) Mining at Khand No.- 5 Gata No.- 515, Village- SirboTehsil- Garautha ,District- Jhansi , U.P. ShriPradeepDevnath S/o ShriRadhaMadhavDevnath												
6.	Project Location(Plot.Khsra/Gata No.)	Khand No.- 5 Gata No.-515												
7.	Name of Village	Sirbo												
8.	Tehsil	Garautha												
9.	District	Jhansi												
10.	Name of Minor Mineral	Building Stone(Khanda,Boulder,Ballast,Gitti) Mining												
11.	Sanctioned Lease Area (in Ha.)	1.618 Ha.												
12.	Max. & Min mRL within lease area	222.0 mRL& 199.0mRL												
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Lattitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°34'04.90"N</td><td>79°13'22.88"E</td></tr> <tr> <td>B</td><td>25°34'07.32"N</td><td>79°13'26.39"E</td></tr> <tr> <td>C</td><td>25°34'10.71"N</td><td>79°13'23.73"E</td></tr> </tbody> </table>	Point	Lattitude	Longitude	A	25°34'04.90"N	79°13'22.88"E	B	25°34'07.32"N	79°13'26.39"E	C	25°34'10.71"N	79°13'23.73"E
Point	Lattitude	Longitude												
A	25°34'04.90"N	79°13'22.88"E												
B	25°34'07.32"N	79°13'26.39"E												
C	25°34'10.71"N	79°13'23.73"E												

**Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020**

		D	25°34'08.17"N	79°13'19.90"E	
14.	Total Geological Reserves	915399m <sup>3</sup> /Annum			
15.	Total Mineable Reserve in L.O.I	40,150m <sup>3</sup> /Annum			
16.	Total Proposed Production in LOI	40,150 m <sup>3</sup> /Annum			
17.	Total Proposed Production in 20 year	40150*20 =8,03,000m <sup>3</sup>			
18.	Sanctioned Period of Mine lease	20 Years			
19.	Production of mine/day	135 m <sup>3</sup> /Day			
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method			
21.	No. of working days	300 Days			
22.	Working hours/day	8 Hours			
23.	No. of worker	24 Workers			
24.	No. of vehicles movement/day	15Trucks/Day			
25.	Type of Land	(Govt. Land)			
26.	Ultimate of Depth of Mining	6.0 m			
27.	Nearest metalled road from site	1.30 Km			
28.	Water Requirement	PURPOSE		REQUIREMENT (KLD)	
		Drinking		0.24	
		Suppression of dust		6.24	
		Plantation		0.16	
		Others (if any)			
		Total		6.64 KLD	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 31-01-2021			
30.	Any litigation pending against the project or land in any court	No			
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No1018/30- M.M.C/2020-21 Date-11.09.2020			
32.	Details of Lease Area in approved DSR	Yes (Sr, No: 20)			
33.	Proposed CER cost	1.23Lac			
34.	Proposed EMP cost	13.00 Lac			
35.	Length and breadth of Haul Road	520 m Length & 6m width haulage road			
36.	No. of Trees to be Planted	40Trees			

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

**RESOLUTION AGAINST AGENDA NO-18**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3.**

**19. Building Stone (Khanda, Boulder, Gitti -Ballast) Mining at Gata No.- 22, Khand No.- 09, at Village- Dunara, Tehsil-Sadar, District -Jhansi, U.P., Smt. Shikha Sharma, M/s Jageshwar Contractor., area-1.052 ha. File no. 5976/Proposal No. SIA/UP/MIN/58200/2020**

A presentation was made by the project proponent 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 Building Stone (Khanda, Boulder, Ballast, Gitti Mining at Khand No.-09, Plot No'-22 Village- Dunara Tehsil- Sadar ,District- Jhansi , U.P. M/sJageshwar Contractor Proponent, (Leased Area – 1.052 Ha)
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/58200/2020		
2.	File No. allotted by SEIAA, UP	5976		
3.	Name of Proponent	Smt.Shikha Sharma D/oShri Dinesh Chandra Sharma		
4.	Full correspondence address of proponent and mobile no.	R/O Near BDA Colony, Indrapuram, Patel Vihar Colony, Bareilly, U.P.		
5.	Name of Project	Area – 1.052 Ha Building Stone (Khanda, Boulder, Ballast, Gitti Mining at Khand No.-09, Plot No'-22 Village- Dunara Tehsil- Sadar ,District- Jhansi , U.P. M/s Jageshwar Contractor Proponent Smt.Shikha Sharma D/oShri Dinesh Chandra Sharma		
6.	Project Location(Plot.Khsra/Gata No.)	Khand No.-09, Plot No'-22		
7.	Name of Village	Dunara		
8.	Tehsil	Sadar		
9.	District	Jhansi		
10.	Name of Minor Mineral	Building Stone(Khanda, Boulder, Ballast, Gitti) Mining		
11.	Sanctioned Lease Area (in Ha.)	1.052 Ha.		
12.	Max. & Min mRL within lease area	224.0 mRL& 203.0 mRL		
13.	Pillar Coordinates (Verified by DMO)	Point	Lattitude	Longitude
		A	25°27'34.22"N	78°41'37.97"E
		B	25°27'33.34"N	78°41'40.35"E
		C	25°27'30.34"N	78°41'41.27"E
		D	25°27'30.47"N	78°41'37.40"E
14.	Total Geological Reserves	469394 m <sup>3</sup> /Annum		
15.	Total Mineable Reserve in L.O.I	21,040 m <sup>3</sup> /Annum		
16.	Total Proposed Production in LOI	21,040 m <sup>3</sup> /Annum		
17.	Total Proposed Production in 20 year	21,040 *20 =4,20,800m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	20 Years		
19.	Production of mine/day	70 m <sup>3</sup> /Day		
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method		
21.	No. of working days	300 Days		
22.	Working hours/day	8 Hours		
23.	No. of worker	24 Workers		
24.	No. of vehicles movement/day	8 Trucks/Day		
25.	Type of Land	(Govt. Land)		
26.	Ultimate of Depth of Mining	6.0 m		
27.	Nearest metalled road from site	1.20 Km		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.24	
		Suppression of dust	6.96	
		Plantation	0.104	

		Others (if any)	
		Total	7.304 KLD(Approx 7.0 KLD)
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 31-01-2021	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No1017/30- M.M.C/2020-21 Date-11.09.2020	
32.	Details of Lease Area in approved DSR	Yes (Sr, No: 10)	
33.	Proposed CER cost	1.23Lac	
34.	Proposed EMP cost	12.84 Lac	
35.	Length and breadth of Haul Road	580 m Length & 6m width haulage road	
36.	No. of Trees to be Planted	26Trees	

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

**RESOLUTION AGAINST AGENDA NO-19**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3.

**20. Building Stone (Sand Stone) Mine at Gata No./Araji No.-399 at Village-Jigna, Tehsil-Chunar, District- Mirzapur, U.P., ShriJaiPrakash Singh, Area -1.01 ha. File No. 5979/Proposal No. SIA/UP/MIN/57502/2020**

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

1. The environmental clearance is sought for Building Stone(Sandstone) Mining at Araji/Gata no.-399, Village-Jigna, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.01 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57502/2020
2.	File No. allotted by SEIAA, UP	5979
3.	Name of Proponent	Jai Prakash Singh
4.	Full correspondence address of proponent and mobile no.	Jai Prakash SinghR/o village- Kanhaipur, Ahraura, Tehsil-Chunar, Mirzapur.
		Mobile no.-
		E-mail Id- jaiprakashsingh5418@gmail.com
5.	Name of Project	Building Stone(Sandstone) Mining Village –Jigna, Tehsil-Chunar, District–Mirzapur, UP
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –399,Village –Jigna, Tehsil-Chunar, District–Mirzapur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Jigna

**Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020**

9.	Tehsil	Chunar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone(Sandstone) Mining		
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.		
13.	Max. & Min mRL within lease area	Highest mRL is 123.0 & Lowest Is 111.0mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	25° 02'33.1"N	83° 03'18.8"E
		B	25° 02'31.2"N	83° 03'18.7"E
		C	25° 02'32.1"N	83° 03'13.6"E
		D	25° 02'34.4"N	83° 03'14.0"E
15.	Total Geological Reserves	328650 m <sup>3</sup>		
16.	Total Mineable Reserve (as per Approved Mine Plan)	203868 m <sup>3</sup>		
17.	Total Proposed Production	10100 m <sup>3</sup> /year		
18.	Proposed Production /year	10100 m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	1.01 ha.		
20.	Production of mine/day	34 m <sup>3</sup> /day		
21.	Method of Mining	Opencast, Semi-Mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	21		
25.	No. of vehicles movement/day	3		
26.	Type of Land	Revenue land		
27.	Ultimate of Depth of Mining	30m		
28.	Nearest metalled road from site	480m		
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		1.92 KLD
		Suppression of dust		0.63 KLD
		Plantation		0.5 KLD
		Others (if any)		-
		Total		3.05 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 78, VALID TILL 03/04/2021		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 959/khanij/2020		
33.	Details of Lease Area in approved DSR	1.01 ha.		
34.	Proposed CER cost	1.40 lakh		
35.	Proposed EMP cost	Total project cost-70 lakh		
36.	Length and breadth of Haul Road	480m & 6m		
37.	No. of Trees to be Planted	200		

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

**RESOLUTION AGAINST AGENDA NO-20**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

1. Revised cluster certificate.
2. Composite map should be provided at the time of EIA presentation.

**21. Building Stone (Khanda, Boulder, Bailast&Gitti )Mining at Gata No.-1097, Khand No.- 09, at Village- Utivan, Tehsil-Sadar, District-Mahoba, U.P., ShriDevendra Kumar Gupta., area-0.809 ha. File No. 5982/Proposal No. SIA/UP/MIN/58260/2020**

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Bailast&Gitti )Mining at Gata No.-1097, Khand No.- 09, at Village- Utivan, Tehsil-Sadar, District-Mahoba, U.P.,(Leased area-0.809 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/58260/2020		
2. File No. allotted by SEIAA, UP	5982		
3. Name of Proponent	ShriDevendra Kumar Gupta S/o ShriChhotelal Gupta		
4. Full correspondence address of proponent and mobile no.	R/o- Rajendra Nagar, Kabrain Tehsil & District-Mahoba (U.P.)		
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti)		
6. Project location (Plot/Khasra/Gata No.)	Gata No 1097 (Khand No.- 09),		
7. Name of River	NA		
8. Name of Village	Utivan		
9. Tehsil	Sadar		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti)		
12. Sanctioned Lease Area (in Ha.)	0.809 Ha.		
13. Mineable Area (in Ha.)	0.809 Ha.		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 206mRL Minimum mRL 161.0 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°24'26.690"N	79°56'13.743"E
	B	25°24'26.571"N	79°56'14.966"E
	C	25°24'18.963"N	79°56'14.664"E
	D	25°24'19.556"N	79°56'13.247"E
17. Total Geological Reserves	270368 m <sup>3</sup>		
18. Sanction Quantity as per LOI	32360 m <sup>3</sup> per year as per LOI		
19. Total Proposed Production (in five year)	161800 m <sup>3</sup> in 5 years		
20. Proposed Production/year	32360 m <sup>3</sup> per year		
21. Sanctioned Period of Mine lease	10 Year		
22. Production of mine/day	107.87 m <sup>3</sup> /day		
23. Method of Mining	Open cast, Manual, semi-mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		

**Minutes of 510<sup>th</sup> SEAC Meeting Dated 10/12/2020**

26. No. Of workers	28	
27. No. Of vehicles movement/day	10-12 Vehicles movement/day	
28. Type of Land	Building Stone(Khanda, Boulder, Bailast&Gitti) Mining	
29. Ultimate Depth of Mining	12.0 m	
30. Nearest metalled road from site	NH-76 at 5.91 kms towards South-East direction.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.38 KLD
	Suppression of dust	6.77 KLD
	Plantation	0.39 KLD
	Others (if any)	-
	Total	7.66 KLD (8.0 KLD approx.)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1619/IA 0019 Ext. letter No- QCI/NABET /ENV/ACO/20/1549 and valid up to 2 March, 2021	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 4988 /एम०एम०सी०-30/2020-21 Dated 28/08/2020	
35. Details of Lease Area in approved DSR		
36. Proposed EMP cost	Rs 4,50,000/-	
37. Proposed Total Project cost	Rs. 90,00,000/-	
38. Length and breadth of Haul Road	191 m length and 6.0 m width	
39. No. of Trees to be Planted	65	

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

**RESOLUTION AGAINST AGENDA NO-21**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

1. Revised mineable area (safety margin) as per guidelines.

**22. Capacity Expansion of Sand Stone (Gitte- Pathhar, Khandas, Boulder) mine at Khasra No./Plot No. 2098, Khand No.-51A, Area- 2.631 Ha at Village- Bhatauti, Tehsil- Meja, District- Prayagraj, U.P., M/s NitinNishad/90873 File No. 4949/Proposal No. SIA/UP/MIN/185487/2020**

The committee noted that the terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 430/parya/SEAC/4949/2019 dated 27/11/2019. The project proponent through letter dated 23/11/2020 requested to make the correction in gata no. mentioned in terms of reference letter dated 27/11/2019.

The SEAC reviewed the case and found that the gata no. “15A” mentioned in terms of reference letter dated 27/11/2020 is a typographical error. The corrected details of the project as follows:

Items in TOR	Details mentioned in TOR letter	Corrected Details of the project
Subject of Issued TOR	Terms of reference for Capacity Expansion of Sand Stone (Gitte-Pathhar, Khandas, Boulder) mine at Khasra No./Plot No.-2098, Khand No.-15A at Village-Bhatauti, Tehsil- Meja, District- Prayagraj, U.P., M/s NitinNishad.	Terms of reference for Capacity Expansion of Sand Stone (Gitte-Pathhar, Khandas, Boulder) mine at Khasra No./Plot No.-2098, Khand No.-51A at Village-Bhatauti, Tehsil- Meja, District- Prayagraj, U.P., M/s NitinNishad.
Serial no. 1 of issued TOR	The environmental clearance is sought for Capacity Expansion of Sand Stone (Gitte-Pathhar, Khandas, Boulder) mine at Khasra No./Plot No.-2098, Khand No.-15A at Village-Bhatauti, Tehsil- Meja, District- Prayagraj, U.P., M/s NitinNishad.	The environmental clearance is sought for Capacity Expansion of Sand Stone (Gitte-Pathhar, Khandas, Boulder) mine at Khasra No./Plot No.-2098, Khand No.-51A at Village-Bhatauti, Tehsil- Meja, District- Prayagraj, U.P., M/s NitinNishad.

All the contents mentioned in the terms of reference letter no. 430/parya/SEAC/4949/2019 dated 27/11/2019 shall remain same.

**23. Building Stone (Khanda, Boulder & (Gitti) Bailast) Mining at Gata No.- 19, Khand No.-03, Village- Dunara, Tehsil & District-Mahoba, U.P., Area -2.226 ha. File No. 5793/Proposal No. SIA/UP/MIN/ 55952/2020**

The committee noted that the terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 500/parya/SEAC/5793/2019 dated 04/11/2020. The project proponent through letter dated 09/12/2020 informed that due to typographical error the project details mentioned in TOR letter dated 04/11/2020 is some other project. Hence, they have requested to make the correction in terms of reference letter dated 04/11/2020.

The SEAC reviewed the case and found that the project details mentioned in terms of reference letter dated 04/11/2020 is a typographical error. The corrected details of the project as follows:

Items in TOR	Details mentioned in TOR letter	Corrected Details of the project
Subject of Issued TOR	Terms of reference for “Building Stone (Khanda, Boulder, Bailast (Gitti))” Project at Gata No.-19, Khand No.-3, Village- Ganj, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 2.226 ha.).	Terms of reference for Sand/Morrum Mining from Yamuna Riverbed at Gata No.-303mi, 313mi, 290mi, 301mi, 303, 304mi, 314mi, 297mi, 298mi, 302mi, 311mi, 312mi, 313, 314, Khand No.-02, Village- Panchayara, Loni, Ghaziabad., Area: 12.512 ha.



Serial no. 1 of issued TOR	The environmental clearance is sought for “Building Stone (Khanda, Boulder, Bailast (Gitti))” Project at Gata No.-19, Khand No.-3, Village-Ganj, Tehsil- Mahoba, District-Mahoba, U.P., (Leased Area- 2.226 ha.).	The environmental clearance is sought for Sand/Morrum Mining from Yamuna Riverbed at Gata No.-303mi, 313mi, 290mi, 301mi, 303, 304mi, 314mi, 297mi, 298mi, 302mi, 311mi, 312mi, 313, 314, Khand No.-02, Village-Panchayara, Loni, Ghaziabad., Area: 12.512 ha.
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All the contents mentioned in the terms of reference letter no. 500/parya/SEAC/5793/2019 dated 04/11/2020 shall remain same.

**(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**

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

**Annexure-1**

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM  
MINING PROPOSALS**

**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 change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
23. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
24. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
25. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
26. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
27. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
28. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
29. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
30. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
31. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
32. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
33. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
34. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

35. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
36. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
37. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
38. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
39. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
40. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
41. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
42. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
43. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
44. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
45. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
46. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
47. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Annexure-2**

**Specific Conditions for Sand Moram Mining :-**

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. 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.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
20. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. 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.
21. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
22. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
23. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
24. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
25. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
26. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
27. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
28. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
29. The project authorities 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 Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
30. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
31. 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.
32. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
33. Waste water from potable use be collected and reused for sprinkling.
34. During the school opening and closing time vehicle movement will be restricted.
35. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

**Terms of Reference for the Mining Project**

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

- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) 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).
- 21) 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.

- 22) 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 PM<sub>10</sub>, particularly for free silica, should be given.
- 23) 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.
- 24) 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.
- 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 26) 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.
- 27) 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.
- 28) 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.
- 29) 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.
- 30) 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.
- 31) 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.

- 32) 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.
- 33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 34) 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.
- 35) 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.
- 36) 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.
- 37) 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.
- 38) 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.
- 39) 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.
- 40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 43) 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.
- 44) 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-4**

**General and Specific Conditions for Brick/Soil Earth Mining Projects:-**

**General condition:**

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. 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.

**Specific Conditions:**

1. Environment management should be in accordance with the present environment status of the project.
2. The Environmental clearance will be co-terminus with the agreement/lease.
3. Approach kachcha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be levelled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.

16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.
20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
21. Solid waste material viz gutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
24. 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.
25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.