

Minutes of 545th SEAC Meeting Dated 08/06/2021

The 545th meeting of SEAC was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 08/06/2021. Following members participated in the online meeting:

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|----|---------------------------|-------------|
| 1. | Dr. Sarita Sinha, | Chairperson |
| 2. | Dr. Virendra Misra, | Member |
| 3. | Dr. Pramod Kumar Mishra, | Member |
| 4. | Dr. Ranjeet Kumar Dalela, | Member |
| 5. | Dr. Ajoy Kumar Mandal, | Member |
| 6. | Mr. Meraj Uddin, | Member |
| 7. | Shri Rajive Kumar, | Member |

The Chairman welcomed the members to the 545th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

- 1. Sand/Morrum Mining along Sone River bed in Gata No./Arazi No.-21 mi, Khand No.-01, Village-Bhagwa, Tehsil-Obra, Sonbhadra., Shri RameshwarPratap, M/s Veera Construction, Area-14.98 Ha. File No. 6262/Proposal No. SIA/UP/MIN/61527/2021**

RESOLUTION AGAINST AGENDA NO-01

The committee noted that the matter has already been discussed by the SEAC in its 540th SEAC meeting dated 16/04/2021 and recommended to issue terms of reference (TOR) for the above project proposal. Hence, no action is required.

- 2. Sand/Morrum Mining from Sone River bed at Gata No.-221 Cha, Village- Sasnai, Tehsil-Obra, District-Sonbhadra, Shri Vinay Kumar Chaturvedi, M/s A.V. Mining Company, Area-18.215 Ha. File No. 6263/Proposal No. SIA/UP/MIN/62361/2021**

RESOLUTION AGAINST AGENDA NO-02

The committee noted that the matter has already been discussed by the SEAC in its 540th SEAC meeting dated 16/04/2021 and recommended to issue terms of reference (TOR) for the above project proposal. Hence, no action is required.

- 3. Stone (Sand Stone Mining) Mine at Khasra/ Gata No.-1006, Village- Saria, Chunar, Mirzapur., Shri Promod Kumar Singh, Area-2.02 Ha. File No. 6264/Proposal No. SIA/UP/MIN/61515/2021**

RESOLUTION AGAINST AGENDA NO-03

The committee noted that the matter has already been discussed by the SEAC in its 540th SEAC meeting dated 16/04/2021 and recommended to issue terms of reference (TOR) for the above project proposal. Hence, no action is required.

4. Stone (Khanda, Gitti, Boulder) Mining at Arazi No./Plot No./Gata No.- 1251 Mi, Khand No.-05, Village- Kohdar, Tehsil-Meja, Prayagraj, U.P., Smt. Hemandas Gawri., Area - 8.097 ha. File No. 6272/Proposal No. SIA/UP/MIN/62454/2021

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

1. The environmental clearance is sought for uilding Stone (Khanda, Boulder, Gitty) Sandstone mine at Araji No. /Plot No. Gata No- 1251, Khand No.-05, Village – Kohdar, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, Leased Area 8.097 ha (20.0 Acres) M/s J.H. Traders.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/62454/2021																					
2.	File No. allotted by SEIAA, UP	6272																					
3.	Name of Proponent	M/s J.H. Traders Shri Hemandas Gawri (Prop)																					
4.	Full correspondence address of proponent and mobile no.	M/s J.H. Traders Shri Hemandas Gawri (Prop) Shri Chanchal Das Gawri R/o- 21A, Lukarganj (Near Police Chowki) Tehsil- Sadar, District – Prayagraj U.P. Mobile no. – 9628559000 E mail ID - gawrihenandas@gmail.com																					
5.	Name of Project	Regarding Terms of References (ToR) for Environment Clearance of Proposed Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Araji No. /Plot No. Gata No- 1251, Khand No.-05, Area 8.097 ha (20.0 Acres) at Village – Kohdar, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s J.H. Traders																					
6.	Project Location (Plot. Khasra/Gata No.)	<i>Gata No- 1251, Khand No.-05</i>																					
7.	Name of River	Tons River – 2.00 Km (N)																					
8.	Name of Village	Village – Kohdar,																					
9.	Tehsil	Meja																					
10.	District	Prayagraj																					
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Gitti)																					
12.	Sanctioned Lease Area (in Ha.)	8.097 ha																					
13.	Max. & Min mRL within lease area	Highest mRL 115.20 m Lowest mRL 91.10																					
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 08'05.38"N</td><td>81° 59' 22.15"E</td></tr> <tr> <td>B</td><td>25° 07'53.52"N</td><td>81° 59' 28.26"E</td></tr> <tr> <td>C</td><td>25° 07'51.67"N</td><td>81° 59' 25.42"E</td></tr> <tr> <td>D</td><td>25° 07'57.04"N</td><td>81° 59' 18.19"E</td></tr> <tr> <td>E</td><td>25° 07'52.27"N</td><td>81° 59' 14.82"E</td></tr> <tr> <td>F</td><td>25° 07'54.43"N</td><td>81° 59' 11.68"E</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	25° 08'05.38"N	81° 59' 22.15"E	B	25° 07'53.52"N	81° 59' 28.26"E	C	25° 07'51.67"N	81° 59' 25.42"E	D	25° 07'57.04"N	81° 59' 18.19"E	E	25° 07'52.27"N	81° 59' 14.82"E	F	25° 07'54.43"N	81° 59' 11.68"E
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B	25° 07'53.52"N	81° 59' 28.26"E																					
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E	25° 07'52.27"N	81° 59' 14.82"E																					
F	25° 07'54.43"N	81° 59' 11.68"E																					
15.	Total Geological Reserves	18,55,539 m ³ / 51,95,509 Tonnes																					
16.	Total Mineable Reserve	12,41,736 m ³ / 34,76,680 Tonnes																					
17.	Total Proposed Production	4,04,850 m ³ (5 years)																					
18.	Proposed Production /year (as per LoI)	80,970 m ³ /annum 2,26, 716 TPA																					
19.	Sanctioned Period of Mine lease	5 years																					

20.	Production of mine/day	270 m ³ /day
21.	Method of Mining	Opencast, /Semi-mechanized
22.	No. of working days	300
23.	Working hours/day	8
24.	No. of worker	54
25.	No. of vehicles movement/day	27
26.	Type of Land	Govt./Non Forest Land
27.	Depth of Mining	18.0 m
28.	Nearest metalled road from site	0.30 km
29.	Water Requirement	PURPOSE
		Drinking - 0.54 KLD
		Suppression of dust - 4.8 KLD
		Plantation - 0.20 KLD
		Others (if any) - 0.00 KLD
		Total - 5.54 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 – 19 July 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 – 561/Khanij/2020-21 dated - 09/02/2021
33.	Details of Lease Area in approved DSR	Serial no. 398 Page no. 38
34.	Project Cost	1.6 Crore/year
35.	Proposed CER cost	3.2 lacs/annum
36.	Length and breadth of Haul Road	Length – 0.30 km Breadth – 6.00 m
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-04

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

5. Sand/Morrum Mining from Betwa Riverbed at Gata No.-321, Khand No.- 01, Village- Saujna, Tehsil- Mothi, Jhansi., Smt. Priyanka Seth W/o Shri Saurabh Gupta, Area: 4.5 ha. File No. 6276/Proposal No. SIA/UP/MIN/62284/2021

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

- The environmental clearance is sought for Sand/Morrum Mining from Betwa Riverbed at Gata No.- 321, Khand No.- 01, Village- Saujna, Tehsil- Mothi, District-Jhansi, U.P., (Leased Area: 4.5 ha.).
- Salient features of the project as submitted by the project proponent:

Minutes of 545th SEAC Meeting Dated 08/06/2021

1. On-line proposal No.	Proposal No. : SIA/UP/MIN/62284/2021		
2. File no. allotted by SEIAA, UP	6276		
3. Name of Proponent	Smt. Priyanka Seth W/o Shri Saurabh Gupta		
4. Full correspondence address of proponent and mobile no.	905, Chandra Vihar Colony, Tehsil & District: Jhansi (U.P)		
5. Name of Project	Sand/Morrum Mining Project at Betwa River Bed		
6. Name of the River	Betwa River		
7. Project location (Plot/Khasra/Gate No.)	Gata No – 321, Khand No.- 01		
8. Name of Village	Saujna		
9. Tehsil	Moth		
10. District	Jhansi (U.P)		
11. Name of Minor Mineral	River Bed Material (Sand/Moram)		
12. Sanctioned Lease Area (in Ha.)	4.5 Ha		
13. Mineable/Workable Area (in Ha.)	3.775 Ha		
14. Zero Level mRL	159 mRL		
15. Altitude of the Area	The Highest Point at 162.0 mRL towards NW The Lowest Point at 159.0 mRL towards SE		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°39'23.90"N	78°58'36.30"E
	B	25°39'30.90"N	78°58'43.40"E
	C	25°39'28.10"N	78°58'47.90"E
	D	25°39'21.10"N	78°58'41.30"E
17. Total Geological Reserves	37,886 m ³		
18. Total Mineable Reserves	22,500 m ³		
19. Total Proposed Production (in five year)	1,12,500 m ³		
20. Proposed Production/year	22,500 m ³ per annum		
21. Sanctioned Period of Mine lease	5.0 Years		
22. Production of mine/day	86.53 m ³ /day		
23. Method of Mining	Opencast Semi-Mechanized		
24. Drilling & Blasting	No		
25. No. of Working days	260 Days		
26. Working hours/day	8 hours/day		
27. No. of Workers	52 Manpower		
28. No. of vehicles movement/day	9- 10 Units (Assumed Loading Capacity: 10 m ³ /Unit)		
29. Type of Land	State Government Land		
30. Ultimate Depth of Mining	0.56 m (162mRL – 161.44mRL)		
31. Nearest metalled road from site	1400 m, West from the project site		
32. Water Requirement	Source	Purpose	Avg. Demand/Day
	Portable Tanker	Drinking & others @15lpcd/worker	52 workers x 15 lpcd = 780 Lit/day
		Plantation @5 Lit/plant	900 Trees x 2.5 l/day = 2250 Lit/day
		Dust suppression @1 Lit/Sq.m (Twice in a day)	Haul Road Area = (1400 m Length x 7 m Width = 9800 m ²) x 1 l/Sq.m = 9800 Lit/day x 1 = 9800 Lit/day

			(twice a day)	
	Total			12.83 KLD (13 KLD)
33. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till June 30/2021			
34. Any litigation pending against the project or hand in any court	No			
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi. Letter No. 2198/30एम.एम. सी/2020-21, Date - 19/02/2021.			
36. Details of Mining Lease Area in Approved Mining Plan	Total Sanctioned Mine Lease Area (ha)			4.5 Ha
	Area comes under SSMMG			0.0851Ha
	Workable area(ha)			3.775 Ha
	Safety zone			0.6410 Ha
37. Details of Lease Area in approved DSR	-			
38. Total Proposed Project Cost	Rs. 114.57 Lakhs			
39. Proposed CER cost	Rs.5.73 Lakhs (5% of the total Project Cost)			
40. Proposed EMP cost	Rs. 31.10 Lakhs			
41. Length and Width of Haul Road	Length 1400 m & Width 7 m			
42. No. of Trees to be Planted	900 Trees (200 trees/ha.)			

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-05

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

Additional TOR:

1. DSR from competent authority should be submitted at the time of EIA.
2. Digital signature is not present in mine plan approval letter. Revised mining plan should be submitted at the time of EIA.

6. Sand/Morrum Mining at Araj No.-531Dh, Khand No.-06, Village- Sasnai, Obra, Sonbhadra., Sukhsagar Prasad Upadhyay., Area: 18.214 ha. File No. 6282/Proposal No. SIA/UP/MIN/62563/2021

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

1. Digital signature is not present in mine plan approval letter. Revised mining plan should be submitted.
2. Permission/NOC from Kaimur Wildlife Sanctuary.
3. Details of workable and non workable area along with verified geo-coordinates.
4. Baseline monitoring data should be collected in the period of October, 2021 to December, 2021.

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

7. Stone (Khanda, Boulder, Bailast & Gitti) Mining at Gata No.-19, (Khand No.-1 New), at Village-Ganj, Tehsil & District-Mahoba., Shri Saurav Sharma, M/s Prem Enterprises, Area-1.619 ha. File No. 6287/Proposal No. SIA/UP/MIN/62647/2021

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Bailast (Gitti) Project at Gata No.-19 (Khand No.- 01 New), Village- Ganj, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 1.619 ha.), M/s Prem Enterprises
2. Salient features of the project as submitted by the project proponent:

1.	On-line report submitted on (for TOR)	12/04/2021		
2.	On-line proposal No.	SIA/UP/MIN/62647/2021		
3.	File No. allotted by SEIAA, UP	6287		
4.	Name of Proponent	M/S Prem Enterprises Shri Saurav Sharma S/o Shri Prem Nath Sharma		
5.	Full correspondence address of proponent and mobile no.	Add.- Gandhi Nagar, Mahoba, Tehsil & District – Mahoba, U.P.		
6.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti) Mining Project		
7.	Project location (Plot/ Khasra /Gata No.)	Gata No.-19 (Khand No.- 01 New)		
8.	Name of Village	Ganj		
9.	Tehsil	Mahoba		
10.	District	Mahoba		
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti)		
12.	Sanctioned Lease Area (in Ha.)	1.619 ha.		
13.	Max.& Min mrl within lease area	186.0 mRL- 162.0 mRL		
14.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25 ^o 24' 19.141"	79 ^o 56' 04.570"
		B	25 ^o 24' 19.652"	79 ^o 56' 06.863"
		C	25 ^o 24' 19.497"	79 ^o 56' 09.136"
		D	25 ^o 24' 13.341"	79 ^o 56' 07.972"
		E	25 ^o 24' 15.847"	79 ^o 56' 05.165"
15.	Total Geological Reserves	1524762 m ³		
16.	Total Mineable Reserves	465101 m ³		
17.	Total Proposed Production (in five year)	400000 m ³		
18.	Proposed Production / year	Year	Production	
		1 st	80000 m ³	
		2 nd	80000 m ³	
		3 rd	80000 m ³	
		4 th	80000 m ³	
		5 th	80000 m ³	
		Total	400000 m ³	
19.	Sanctioned Period of Mine lease	10 Year		
20.	Production of mine/day	266.66 m ³ (average)		
21.	Method of Mining	Opencast Semi-Mechanized		
22.	No.of working days	300 days		
23.	Working hours/day	8 Hours/Day		

24.	No.Of workers	37 (average)	
25.	No.Of vehicle movement /day	27 (average)	
26.	Type of Land	Govt. Land	
27.	Ultimate Depth of Mining	14.0 meter (average)	
28.	Nearest metalled road from site	0.40 km	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	2.40
		Plantation	0.20
		Others(if any)	-----
		Total	3.00
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- July 19, 2021	
31.	Any litigation pending against the project or land in any court	No	
32.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 7935/MMC-30/2020-21, Dated 27 th January, 2021	
33.	Details of Lease Area in approved DSR	S.No.- 23, Page No. 83	
34.	Proposed CER cost	1.50 Lakh	
35.	Proposed EMP cost	10.78 Lakh	
36.	Length and breadth of Haul Road.	Length- 0.40 km, Width- more than 6.0 m	
37.	No. of Trees to be Planted	162	

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 to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1.

8. Sand/ Morrum Mining from Son River Bed at Gata No.-221Cha, Khand no. 2, Village- Sasnai, Tehsil-Obra, Sonbhadra., M/s Unnti Engineering, Shri Abhishek Kumar Singh, M/s Unnti Engineering., Area: 18.215 ha. File No. 6299/Proposal No. SIA/UP/MIN/63264/2021

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

1. The environmental clearance is sought for Sand/ Morrum Mining from Son River Bed at Gata No.- 221Cha, Khand no. 02, Village- Sasnai, Tehsil-Obra, Sonbhadra, U.P., (Leased Area: 18.215 ha.), M/s Unnti Engineering.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/63264/2021
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Minutes of 545th SEAC Meeting Dated 08/06/2021

2. File No. allotted by SEIAA, U.P	6299		
3. Name of Proponent	M/s Unnati Engineerings Prop.- Shri Abhishek Kumar Singh S/o Shri Arvind Kumar Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Village & Post-Chhitauni, District- Varanasi (U.P.)		
5. Name of Project	Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No.- 221 Cha, Khand- 02		
7. Name of River	Son River		
8. Name of Village	Sasnai		
9. Tehsil	Obra		
10. District	Sonbhadra (U.P.)		
11. Name of Minor Mineral	Morrum Mining Project		
12. Sanctioned Lease Area (in Ha.)	18.215 Ha.		
13. Mineable Area (in Ha.)	12.2094 Ha.		
14. Zero level mRL	154 mRL		
15. Max. & Min mrl within lease area	Maximum & Minimum mRL 162 mRL & 154 mRL respectively		
16. Pillar Coordinates (Verified by DMO)	Pillar Name	Latitude	Longitude
	A	24°28'21.49"N	83°10'58.76"E
	B	24°28'22.45"N	83°11'16.32"E
	C	24°28'10.36"N	83°11'16.47"E
	D	24°28'9.15"N	83°10'59.31"E
	Water Submerged Coordinate of Lease Area - 6.0056 Ha.		
	D	24°28'9.15"N	83°10'59.31"E
	E	24°28'12.62"N	83°10'59.15"E
	F	24°28'14.45"N	83°11'4.50"E
	G	24°28'15.62"N	83°11'10.70"E
	H	24°28'16.01"N	83°11'16.40"E
	C	24°28'10.36"N	83°11'16.47"E
	Workable Area Coordinate of lease area-12.2094 Ha.		
	A	24°28'21.49"N	83°10'58.76"E
	B	24°28'22.45"N	83°11'16.32"E
	H	24°28'16.01"N	83°11'16.40"E
	G	24°28'15.62"N	83°11'10.70"E
	F	24°28'14.45"N	83°11'4.50"E
	E	24°28'12.62"N	83°10'59.15"E
	17. Total Geological Reserves	4,88,376 m ³	
18. Sanction Quantity as per LOI	2,91,440 m ³ per year		
19. Total Proposed Production (in five year)	14,57,200 m ³ in five year		
20. Proposed Production/year	2,91,440 m ³ per year		
21. Sanctioned Period of Mine lease	5 Years as per LOI		
22. Production of mine/day	1165.76 m ³ /day		
23. Method of Mining	Open cast, Manual, semi-mechanized		
24. No. of working days	250		
25. Working hours/day	8 hours/day		
26. No. Of workers	66		
27. No. Of vehicles movement/day	90-95 Vehicles movement/day		
28. Type of Land	Morrum Mining Project		
29. Ultimate Depth of Mining	1.7 m		
30. Nearest metallad road from site	SH-5 is about 15.02 km towards West direction		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	

	Drinking water	0.76 KLD
	Suppression of dust	11.28 KLD
	Plantation	0.095 KLD
	Others (if any)	-
	Total	12.135 KLD (Approx. 12.0 KLD)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 and valid upto Dec 30, 2022	
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.-352/ Khanij /2021 Date-29/01/2021	
35. Details of Lease Area in approved DSR	Page No. – 26, SI No. - 4	
36. Proposed EMP cost	Rs 18,00,000/-	
37. Proposed Total Project cost	Rs. 9,00,00,000/-	
38. Length and breadth of Haul Road	470 m length and 6.0 m width	
39. No. of Trees to be Planted	95	

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 project proponent submitted the NOC letter dated 20/04/2017 issued by Divisional Forest Officer, Obra Van Prabhag, Obra-Sonebhadra and verified pillar coordinates issued by Mining Officer, Sonebhadra.

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

9. Sand Mining from Yamuna River bed at Khand No. 11, Village-Kanjasa, Tehsil-Bara, District-Allahabad, U.P., Area-8.0 Ha. File No. 3984/Proposal No. SIA/UP/MIN/203449/2021

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 172/parya/SEAC/3984/2017, dated 12/02/2018 for the mining lease area is 8.0 ha and production of 1,60,000 m³ respectively. The project proponent vide letter dated 13/03/2020 submitted an amendment application to reduce the production capacity mentioned in EC letter dated 12/02/2018.

District Magistrate, Prayagraj vide letter dated 04/08/2020 informed to Secretary, Geology and Mining, Govt. of U.P. that the above khand no. 11, Kanjasa, Prayagraj, Area 8.0 ha is submerged and mining work cannot be started.

RESOLUTION AGAINST AGENDA NO-09

A presentation was made by the project proponent along with their consultant M/s Geogreen Enviro House Pvt. Ltd. As per presentation made and documents provided by the project proponent/consultant, the committee observed that in the light of SSMMG, 2016 and EMGSM-2020, the lease area is almost submerged. The project proponent/consultant applied in amendment in environment clearance. However, they have requested to revoke the EC in presentation. However, revoke in EC is recommended.

10. Sand/Morrum Mining from Betwa River Bed in Khand No.-10/22, at Village-Beri, Hamirpur., Shri Mithlesh Kumar Gupta., Area-36.437 Ha. File No. 4390/Proposal No. SIA/UP/MIN/28157/2018

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and directed the project proponent to submit amendment in TOR application through online portal in the light of factual report provided by District Mining Officer, Hamirpur vide letter dated 27/03/2021.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Shri Rajive kumar)
Member

(Dr. Sarita Sinha)
Chairperson

Annexure-1

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 PM10, 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.
- 27) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 28) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 29) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 30) 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.
- 31) 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.
- 32) 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.
- 33) 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.
- 34) 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.
- 35) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 36) 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.
- 37) 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.

- 38) 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.
- 39) 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.
- 40) 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.
- 41) 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.
- 42) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 43) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 44) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 45) 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.
- 46) 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.