

### **Minutes of 779<sup>th</sup> SEAC-1 Meeting Dated 28/08/2023**

The 779<sup>th</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 28/08/2023. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Shri Rajive Kumar,          | Chairman, SEAC-1            |
| 2. | Shri Om Prakash Srivastava, | Member, SEAC-1 (through VC) |
| 3. | Dr. Ratan Kar,              | Member, SEAC-1              |
| 4. | Dr. Brij Bihari Awasthi,    | Member, SEAC-1 (through VC) |
| 5. | Shri Umesh Chandra Sharma,  | Member, SEAC-1              |
| 6. | Shri Ashish Tiwari,         | Member-Secretary, SEAC-1    |

The Chairman welcomed the members to the 779<sup>th</sup> SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director, Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

**1. Ordinary Sand Mining” along riverbed of Ganga river at Khand No.- 01, Araj No.- 791 & 437, Village – Jamalpur, Tehsil -Sakaldiha, District- Chandauli, Shri Rajesh Prasad Yadav, M/s Rajesh Prasad Yadav and Sons, Area – 20.0 ha., 8087/SIA/UP/MIN/439528/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Ordinary Sand Mining” from riverbed of Ganga river at Khand No. 01, Araj No. 791 & 437, Village –Jamalpur, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh, (Lease area – 20.0 ha), M/s Rajesh Prasad Yadav and Sons.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/439528/2023
2.	File No. allotted by SEIAA, UP	8087
3.	Name of Proponent	Shri Rajesh Prasad Yadav & Sons Shri Rajesh Prasad Yadav S/o Shri Jhuri Yadav
4.	Full correspondence address of proponent and mobile no.	R/o – H. No. 6/171, G -5, Akatha, Thana-Sarnath Tehsil - Sadar, District-Varanasi, U.P. 221007 Mobile no. – 7905004456 E mail ID - rajeshydsand@gmail.com
5.	Name of Project	Environment clearance of proposed “Ordinary Sand Mining” having lease area – 20.0 ha along riverbed of Ganga river at Khand No. 01,Araj No. 791 & 437, Village – Jamalpur, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of M/s Rajesh Prasad Yadav and Sons.
6.	Project Location (Plot. Khasra/Gata No.)	Khand No. 01, Araj No. 791 & 437
7.	Name of River	Ganga
8.	Name of Village	Jamalpur
9.	Tehsil	Sakaldiha
10.	District	Chandauli
11.	Name of Minor Mineral	“river bed Sand/morrum mining”
12.	Sanctioned Lease Area (in Ha.)	20.0 ha
13.	Max. & Min mRL within lease area	Highest mRL – 82.80 mRL Lowest mRL- 78.21 mRL

14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <tr> <th>Point</th><th>Latitude N</th><th>Longitude E</th></tr> <tr> <td>A</td><td>25° 31'25.84 N</td><td>83° 11'53.24 E</td></tr> <tr> <td>B</td><td>25°31'41.63" N</td><td>83°11'52.59"E</td></tr> <tr> <td>C</td><td>25°31'42.38"N</td><td>83°12'08.32"E</td></tr> <tr> <td>D</td><td>25° 31'27.98" N</td><td>83° 12'08.80 E</td></tr> </table>	Point	Latitude N	Longitude E	A	25° 31'25.84 N	83° 11'53.24 E	B	25°31'41.63" N	83°11'52.59"E	C	25°31'42.38"N	83°12'08.32"E	D	25° 31'27.98" N	83° 12'08.80 E
Point	Latitude N	Longitude E															
A	25° 31'25.84 N	83° 11'53.24 E															
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C	25°31'42.38"N	83°12'08.32"E															
D	25° 31'27.98" N	83° 12'08.80 E															
15.	Total Geological Reserves	8,00,000 m <sup>3</sup> /annum															
16.	Total Mineable Reserve	5,08,957 m <sup>3</sup> /annum															
17.	Total Proposed Production	20,00,000 m <sup>3</sup> (5 years)															
18.	Proposed Production /year (as per LoI)	4,00,000 m <sup>3</sup> /annum															
19.	Sanctioned Period of Mine lease	Plan Period 5 years															
20.	Method of Mining	Opencast semi - mechanized															
21.	No. of worker	40															
22.	Type of Land	Govt./Non Forest Land															
23.	Ultimate Depth of Mining	3.0 m															
24.	Nearest metalled road from site	0.40 km															
25.	Water Requirement	<b>PURPOSE</b> Drinking - 0.40 KLD Suppression of dust - 4.80 KLD Plantation - 2.00 KLD Others (if any) - 0.00 KLD <b>Total 7.20 KLD</b>															
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024															
27.	Any litigation pending against the project or land in any court	No															
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 351/30-up-Khanij/2022-23 dated - 09/02/2023															
29.	Details of Lease Area in approved DSR	DSR approved by District Authority															
30.	Project Cost	1.40 Crore															
31.	Proposed CER cost	2.80 lacs															
32.	Length and breadth of Haul Road	Length – 0.40 km, Breadth – 6.00 m															
33.	No. of Trees to be Planted	2000 (proposed)															

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category–I(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 25/08/2023 mentioning is as follows:

- I Dr. Abdul Rahman S/o Shri Mohammed Khalid is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared ToR Application for the Environment clearance of proposed “Ordinary Sand Mining” having lease area – 20.0 ha along riverbed of Ganga river at Khand No. 01, Arajai No. 791 & 437, Village –Jamalpur, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of M/s Rajesh Prasad Yadav and Sons. Proposal number: SIA/UP/MIN/439528/2023 with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for ToR Application preparations are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.

6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR Application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 01**

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

**Additional TOR:**

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**2. Khailar Khanda-Boulder/ Gitti-Ballast Mining project at Arazi No.- 669mi, Khand No. 30 Village- Khailar, Tehsil- Sadar, District: Jhansi, Shri Uttam Singh, M/s Shri Ganesh Stone creshar, Area: 0.862 ha., 8091/SIA/UP/MIN/440146/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Khanda-Boulder/ Gitti-Ballast Mine at Arazi No 669mi, Khand No. 30, Village- Khailar, Tehsil- Sadar, District- Jhansi, U.P., (Leased Area 0.862 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/440146/2023		
2.	File No. allotted by SEIAA, UP	8091		
3.	Name of Proponent	M/s Shri Ganesh Stone crusher Prop. Shri Uttam Singh S/o Shri Chunnilal		
4.	Full correspondence address of proponent and mobile No.	R/o Lalitpur Road, Rajgarh, Bijauli, Tehsil- Sadar, District- Jhansi, (U.P.).		
		Mobile No-		
		Email-		
5.	Name of Project	Khailar Khanda-Boulder/ Gitti-Ballast Mining project		
6.	Project location (Plot/Khasra/Gata No.)	Arazi No 669mi, Khand No. 30		
7.	Name of River	-		
8.	Name of Village	Khailar		
9.	Tehsil	Sadar		
10.	District	Jhansi		
11.	Name of Minor Mineral	Khanda-Boulder/ Gitti-Ballast		
12.	Sanctioned Lease Area (in Ha.)	0.862 ha		
13.	Max & Min mRL within lease area	Max- 296.0 mRL & 286.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	25°20'50.69"N	78°31'39.91"E
		B	25°20'53.90"N	78°31'44.10"E
		C	25°20'55.20"N	78°31'43.80"E
		D	25°20'54.30"N	78°31'39.70"E
15.	Total Geological Reserves	3,78,675 Cum		
16.	Total Mineable Reserves in LOI	21,550 Cum/year		
17.	Total Proposed Production	21,550 Cum/year		
18.	Proposed Production/year	21,550 Cum		
19.	Sanctioned Period of Mine lease	20 years		
20.	Method of Mining	Open Cast Semi-mechanized Method		
21.	No. of working days	260 days		
22.	Working hours/day	8 hrs		
23.	No. of workers	36		
24.	No. of vehicles movement/day	12		
25.	Type of Land	Government waste land		
26.	Ultimate Depth of Mining	36		
27.	Nearest metalled road from site	1.50 km		
28.	Water Requirement	Purpose		Requirement (KLD)
		Drinking		0.36
		Suppression of dust		5.83
		Plantation		0.86
		Others (if any)		0.36
		Total		7.41
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate No. NABET/EIA/1922/SA 0186,		

		Validity- 10-09-2023
30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified 880/30M.M.C./(2021-22) Dated- 25/10/2021
32.	Details of Lease Area in approved DSR	Yes, given in the DSR, at Page No. 04 Sl. No. 29
33.	Proposed CER cost	Rs 1,14,000/-
34.	Proposed EMP cost	Recurring Cost- 4,66,000/- including CER
35.	Length and breadth of Haul Road	Length: 0.486 km, width: 6 m
36.	No. of Trees to be Planted	862 plants

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 24/08/2023 mentioning is as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
2. I have prepared TOR project for the Proposal (SIA/UP/MIN/440146/2023), File No. 8091 of Khanda-Boulder/ Gitti-Ballast Mine at Arazi No 669mi, Khand No. 30, Village- Khailar, Tehsil-Sadar, District- Jhansi, U.P., (Leased Area 0.862 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with TOR are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The Form-1, PFR and EMP report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

### **RESOLUTION AGAINST AGENDA NO. 02**

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

#### **Additional TOR:**

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

2. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
9. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**3. Sand/Morrum Mining from Riverbed of Ken River located at Gata No.- 3061 Mi (Khand No.- 01), Village - Hateti Purwa, Tehsil- Banda, District- Banda, Shri Deepak Sharma, Area- 4.048 ha., 8093/SIA/UP/MIN/435288/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Sand/Morrum Mining from Riverbed of Ken River at Gata No.- 3061 Mi (Khand No.- 01), Village - Hateti Purwa, Tehsil- Banda, District- Banda, 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/435288/2023
2. File No. allotted by SEIAA, UP	8093
3. Name of Proponent	M/s Wengty Trading Private Limited Authorized Signatory - Shri Deepak Sharma
4. Full correspondence address of proponent and mobile no.	Wengty Trading Private Limited Proprietor- Shri Deepak Sharma S/o Shri Girish Kumar Sharma

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	R/o 87 B, Purani Avdeshpuri, Kamla Nagar, District- Agra, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Excavation		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 3061 Mi (Khand No.01)		
7. Name of River	Ken River		
8. Name of Village	Hateti Purwa		
9. Tehsil	Banda		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	4.048 ha		
13. Mineable Area (in ha)	4.048 ha		
14. Zero level mRL	96 mRL		
15. Max. & Min mRL within lease area	104 mRL and 101 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar No(s)	Latitude(N)	Longitude(E)
	A	25°25'40.30"N	80°17'51.44"E
	B	25°25'41.83"N	80°17'48.66"E
	C	25°25'33.84"N	80°17'43.27"E
	D	25°25'30.62"N	80°17'48.09"E
	E	25°25'32.86"N	80°17'49.38"E
17. Total Geological Reserves	1,17,929 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	58,282 m <sup>3</sup> /year		
19. Total Proposed Production	58,282 m <sup>3</sup> /year (2,91,410 m <sup>3</sup> in 05 years)		
20. Proposed Production/year	58,282 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	05 years		
22. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM- Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"><li>• Scraper/light earth movers</li><li>• Chain based Bulldozer for rescue &amp; salvage</li><li>• Loader</li><li>• Truck &amp; tractors for transportation</li></ul>		
23. No. of working days	275 days		
24. Working hours/day	12 hours		
25. No. of workers	Approximately 52 labours		
26. No. of vehicles movement/day	16 units		
27. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
28. Ultimate Depth of Mining	1.87 m		
29. Nearest metalled road from site	MDR 11B (Banda Road) – 6.2 km* (E)		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	6.0	
	Plantation	0.20	
	Total	6.72 KLD	
	Others (Stored water)	0.10	
	Sub-Total	6.82 KLD	
31. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/2124/RA 0218 and Valid till 26/02/2024.		
32. Any litigation pending against the project or land in any court	None		
33. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by District Mines Officer, Banda Letter No. 1525/Khanij-30, Banda dated 12.05.2023		
34. Details of Lease Area in approved DSR	S. No. 37		
35. Proposed CER cost	2% of total project cost i.e. Rs. 7,00,000/-		
36. Proposed EMP cost/ Total Project Cost	Rs. 29,98,887/- & 3,52,50,416/- respectively		
37. Length and Width of Haul Road	Unpaved Length 0.40 km and 6 m width		
38. No. of Trees to be Planted	200 saplings		

39. Baseline Monitoring period	Post-monsoon season (1 <sup>st</sup> October –31 <sup>st</sup> December, 2023)
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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. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 26/08/2023 mentioning is as follows:

1. I, Dr. Ritu Pandey, S/o Shri Shiv Kumar Pandey am EIA Coordinator of M/s ENV Development Assistance Systems (I) Pvt. Ltd.
2. I have prepared TOR report for the Proposal No. SIA/UP/MIN/435288/2023, (FILE NO.- 8093) of Sand/Morrum Mining from Riverbed of Ken River at Gata No.- 3061 Mi (Khand No.- 01), Village - Hateti Purwa, Tehsil- Banda, District- Banda, U.P., (Leased Area- 4.048 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information submitted along with Application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

### **RESOLUTION AGAINST AGENDA NO. 03**

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

#### **Additional TOR:**

1. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.



5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
15. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**4. Sand/Morrum Mining from Riverbed of Ken River located at Gata No. 3061 Mi (Khand No. 02), Village - Hateti Purwa, Tehsil- Banda, District- Banda, Shri Rashid Ali, Area- 3.644 ha., 8099/SIA/UP/MIN/440197/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Sand/Morrum Mining from Riverbed of Ken River at Gata No. 3061 Mi (Khand No. 02), Village - Hateti Purwa, Tehsil- Banda, District- Banda, U.P., (Leased Area- 3.644 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/440197/2023
2. File No. allotted by SEIAA, UP	8099
3. Name of Proponent	M/s Glint Trading Private Limited Authorized Signatory - Shri Rashid Ali
4. Full correspondence address of proponent and mobile no.	M/s Glint Trading Private Limited Director- Shri Rashid Ali S/o Shri Shameem Ahmad R/o Village- Jindopur, Thekma, District- Azamgarh, Uttar Pradesh
5. Name of Project	Sand/Morrum Excavation
6. Project location (Plot/Khasra/Gata No.)	Gata No. 3061 Mi (Khand No.02)
7. Name of River	Ken River
8. Name of Village	Hateti Purwa
9. Tehsil	Banda
10. District	Banda
11. Name of Minor Mineral	Sand/Morrum

12. Sanctioned Lease Area (in ha)	3.644 ha		
13. Mineable Area (in ha)	3.644 ha		
14. Zero level mRL	96 mRL		
15. Max. & Min mRL within lease area	104 mRL and 101 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar No(s)	Latitude(N)	Longitude(E)
	A	25°25'23.73"N	80°17'39.72"E
	B	25°25'25.29"N	80°17'37.95"E
	C	25°25'33.84"N	80°17'43.27"E
	D	25°25'30.62"N	80°17'48.09"E
	E	25°25'26.79"N	80°17'44.05"E
17. Total Geological Reserves	1,15,167 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	52,465 m <sup>3</sup> /year		
19. Total Proposed Production	52,465 m <sup>3</sup> /year (2,62,325 m <sup>3</sup> in 05 years)		
20. Proposed Production/year	52,465 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	05 years		
22. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"><li>• Scraper/light earth movers</li><li>• Chain based Bulldozer for rescue &amp; salvage</li><li>• Loader</li><li>• Truck &amp; tractors for transportation</li></ul>		
23. No. of working days	275 days		
24. Working hours/day	12 hours		
25. No. of workers	Approximately 52 labours		
26. No. of vehicles movement/day	14 units		
27. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
28. Ultimate Depth of Mining	1.59 m		
29. Nearest metalled road from site	MDR 11B (Banda Road) – 6.2 km* (E)		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	6.0	
	Plantation	0.20	
	Total	6.72 KLD	
	Others (Stored water)	0.10	
	Sub-Total	6.82 KLD	
31. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/2124/RA 0218 and Valid till 26/02/2024.		
32. Any litigation pending against the project or land in any court	None		
33. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by District Mines Officer, Banda Letter No. 1526/Khanij-30, Banda dated 12.05.2023		
34. Details of Lease Area in approved DSR	S. No. 38		
35. Proposed CER cost	2% of total project cost i.e. Rs. 7,00,000/-		
36. Proposed EMP cost/ Total Project Cost	Rs. 29,98,887/- & 3,52,50,416/- respectively		
37. Length and Width of Haul Road	Unpaved Length 0.45 km and 6 m width		
38. No. of Trees to be Planted	200 saplings		
39. Baseline Monitoring period	Post-monsoon season (1 <sup>st</sup> October –31 <sup>st</sup> December, 2023)		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.

7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 26/08/2023 mentioning is as follows:

1. I, Dr. Ritu Pandey, S/o Shri Shiv Kumar Pandey am EIA Coordinator of M/s ENV Development Assistance Systems (I) Pvt. Ltd.
2. I have prepared TOR report for the Proposal No. SIA/UP/MIN/440197/2023, (FILE NO.- 8099) of Sand/Morrum Mining from Riverbed of Ken River at Gata No. 3061 Mi (Khand No. 02), Village - Hateti Purwa, Tehsil- Banda, District- Banda, U.P., (Leased Area- 3.644 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information submitted along with Application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

#### **RESOLUTION AGAINST AGENDA NO. 04**

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

#### **Additional TOR:**

1. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.

8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
15. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**5. “Ordinary Sand Mining” at along riverbed of Ganga river at Araj No/Gata No. 2Ga, Khand-01, Village Puravijayee, Tehsil -Sakaldiha, District-Chandauli, Shri Ravindra Kumar Mishra, Shri Ravindra Kumar Mishra, Area –12.50 ha., 8101/SIA/UP/MIN/440216/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Ordinary Sand Mining” along riverbed of Ganga river at Araj No/Gata No.- 2 Ga, Khand- 01, Village- Puravijayee, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh, (Leased Area – 12.50 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/440216/2023
2.	File No. allotted by SEIAA, UP	8101
3.	Name of Proponent	Ravindra Kumar Mishra S/o Shri Ramroop Mishra
4.	Full correspondence address of proponent and mobile no.	R/o – Khargupur Hathi Bazar, District-Varanasi, U.P.-221405 Mobile no. – E mail ID - ravindramvns@gmail.com
5.	Name of Project	Environment clearance of proposed “Ordinary Sand Mining” having lease area – 12.50 ha along riverbed of Ganga river at Araj No/Gata No. 2 ga, Khand-01, Village- Puravijayee , Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of Shri Ravindra Kumar Mishra.
6.	Project Location (Plot. Khasra/Gata No.)	Araj No/Gata No. 2 ga, Khand-01,
7.	Name of River	Ganga
8.	Name of Village	Puravijayee
9.	Tehsil	Sakaldiha
10.	District	Chandauli
11.	Name of Minor Mineral	“river bed Sand/morrum mining”
12.	Sanctioned Lease Area (in Ha.)	12.50 ha
13.	Max. & Min mRL within lease area	Highest mRL – 91.35 mRL Lowest mRL- 87.65 mRL

14.	Pillar Coordinates (Verified by DMO)		Point	Latitude N	Longitude E
			A	25°28'03.66"N	83°08'39.80"E
			B	25°28'03.04"N	83°08'22.43"E
			C	25°28'12.72"N	83°08'27.98"E
			D	25°28'12.02"N	83°08'42.94"E
15.	Total Geological Reserves	5,00,000 m <sup>3</sup> /annum			
16.	Total Mineable Reserve	3,03,226 m <sup>3</sup> /annum			
17.	Total Proposed Production	12,50,000 m <sup>3</sup> (5 years)			
18.	Proposed Production /year (as per LoI)	2,50,000 m <sup>3</sup> /annum			
19.	Sanctioned Period of Mine lease	Plan Period 5 years			
20.	Production of mine/day	1041 m <sup>3</sup> /day			
21.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be semi - mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016).			
22.	No. of worker	30			
23.	Type of Land	Govt./Non Forest Land			
24.	Ultimate Depth of Mining	3.0 m			
25.	Nearest metalled road from site	0.80 km			
26.	Water Requirement	PURPOSE			
		Drinking		- 0.30 KLD	
		Suppression of dust		- 9.60 KLD	
		Plantation		- 1.30 KLD	
		Others (if any)		- 0.00 KLD	
		Total		11.00 KLD	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024			
28.	Any litigation pending against the project or land in any court	No			
29.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 352/30-up-Khanij/2022-23 dated - 09/02/2023			
30.	Details of Lease Area in approved DSR	DSR approved by District Authority			
31.	Project Cost	1.20 Crore			
32.	Proposed CER cost	2.40 lacs			
33.	Length and breadth of Haul Road	Length – 0.80 km, Breadth – 6.00 m			
34.	No. of Trees to be Planted	1300 (proposed)			

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 25/08/2023 mentioning is as follows:

- I, Dr. Abdul Rahman S/o Shri Mohammed Khalid is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared ToR Application for the Environment clearance of proposed “Ordinary Sand Mining” having lease area – 12.50 ha along riverbed of Ganga river at Araji No/Gata No. 2 ga, Khand-01, Village- Puravijayee , Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of Shri Ravindra Kumar Mishra Proposal number: SIA/UP/MIN/440216/2023 with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.

4. I am satisfied with that all the necessary data/information required for ToR Application preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR Application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 05**

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

**Additional TOR:**

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.

15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**6. Expansion in development of “Shri Ram Janma Bhoomi Teerth Kshetra” Village – Kot Ramchander, Avadh Khas, Jalwanpura, Tehsil & District - Ayodhya, Uttar Pradesh by Shri Ram Janma Bhoomi Teerth Kshetra (Trust), 8153/SIA/UP/INFRA2/441421/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental and Technical Research Centre. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for proposed expansion in development of “Shri Ram Janma Bhoomi Teerth Kshetra” by increasing built up area from 15815.72 sqm to 143665.00 sqm at village – Kot Ramchander, Avadh Khas, Jalwanpura, Tehsil & District - Ayodhya, Uttar Pradesh by Shri Ram Janma bhoomi Teerth Kshetra (Trust).
2. Consent to Establish for the existing project was obtained from Uttar Pradesh Pollution Control Board vide ref no. 123078/UPPCB/Faizabad (UPPCBRO)/CTE/FAIZABAD/2021, dated 01/03/2021 for plot area 73790.69 m<sup>2</sup> and built-up area 15815.72 m<sup>2</sup>.
3. Due to development of “Shri Ram Janma Bhoomi Teerth Kshetra”, the built-up area will be increased from 15815.72 sqm to 1,43,665.00 sqm and the project submitted for expansion of Environmental Clearance to SEIAA Uttar Pradesh.
4. As per EIA Notification 2006 (as amended), Environmental Clearance was not applicable as the built-up area is less than 20,000 Sqm.
5. Comparative details of existing and proposed project:

Particulars	Existing Area as per CTE	Proposed Expansion Area	After Proposed Expansion Area
Total Plot Area	73790.69 (7.37 Ha)	204664.447 (20.47 Ha)	278455.137 (27.84 Ha)
Total proposed ground coverage	12530.10 sqm	56844.47 sqm	69374.57 sqm
Total Ground Coverage (in %)	16.98 %	27.77 %	24.91 %
Proposed FAR Area	12879.30 sqm	122283.27 sqm	135162.57 sqm
Proposed 15% prescribed FAR (Proposed facility FAR)	2936.42 sqm	5781.58 sqm	8718.0 sqm
Proposed Built Up Area	15815.72 sqm	127849.28 sqm	143665.00 sqm
Total Proposed Green Area	36056 sqm	-	193035.75 sqm
Maximum height (in mtrs)	49.3 m	49.3 m	49.3 m
Required number of trees	592 Nos	-	1930 Nos
Proposed no of tree to be planted (@1 Tree/ 100 Sqm of Green Area)	811 Nos	-	2200 Nos
Rain water harvesting pit proposed	18 Nos	28 Nos	46 Nos
Total Water Demand	465.0 KLD	1023.0 KLD	1488 KLD
Fresh Water Requirement	237.0 KLD	487.0 KLD	724.0 KLD
Source of Fresh Water Requirement	Ground Water & Water Supply line	Ground Water & Water Supply line	Ground Water & Water Supply line
Domestic Waste Water generation	352.0 KLD	828.0 KLD	1180.0 KLD
DG Set backup Proposed	500 KVA (02 Nos) & 200 KVA (02 Nos)	750 KVA (05 Nos) & 500 KVA (01 Nos)	750 KVA (05 Nos) & 500 KVA (03 Nos)
Electricity Requirement	812 KVA	3533.44 KVA	4345.44 KVA

6. The project proposal falls under category-8(a) of EIA notification, 2006 (as amended thereof).

The consultant (EIA coordinator) also submitted an affidavit dated 11/08/2023 mentioning is as follows:

1. I, Anubhav Singh, S/o Shri Bhupendra Pratap Singh is EIA Coordinator of M/s Environmental & Technical Research Centre.
2. I have prepared the EIA/EMP report for the proposal SIA/ UP/ INFRA2/ 441421/ 2023 for the expansion in development of “Shri Ram Janma Bhoomi Teerth Kshetra” by Shri Ram Janma Bhoomi Teerth Kshetra (Trust).
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with Application / Form-1, 1A & Conceptual Plan are true and correct.
5. The project was uploaded by Environmental and Technical Research Centre vide proposal no. SIA/ UP/ INFRA2/ 441421/ 2023 and PP has appointed us for further processes and to take environmental clearance.
6. The Form-1, 1A & Conceptual Plan report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO-06**

**The committee discussed the matter and recommended grant of environmental clearance on the proposal with following standard and additional conditions:**

#### **Standard Environmental Clearance Conditions:**

##### **1. Statutory compliance:**

1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
4. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
5. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
6. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
7. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
8. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.



**2. Air quality monitoring and preservation:**

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
6. Wet jet shall be provided for grinding and stone cutting.
7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

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

1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
3. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
4. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
5. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
6. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
7. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

8. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
9. All recharge should be limited to shallow aquifer.
10. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
11. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
12. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening.
13. No sewage or untreated effluent water would be discharged through storm water drains.
14. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms.
15. Periodical monitoring of water quality of treated sewage shall be conducted.
16. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

**4. Noise monitoring and prevention:**

1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

**5. Energy Conservation measures:**

1. Outdoor and common area lighting shall be LED.
2. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
3. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
4. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
5. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet

20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

**6. Waste Management:**

1. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
2. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
3. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
4. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
5. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
6. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
7. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
8. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

**7. Green Cover:**

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e., planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

**8. Transport:**

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be

designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.

- a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b. Traffic calming measures.
  - c. Proper design of entry and exit points.
  - d. Parking norms as per local regulation.
2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

**9. Human Health Issues:**

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
3. Occupational health surveillance of the workers shall be done on a regular basis.
4. A First Aid Room shall be provided in the project both during construction and operations of the project.

**10. Miscellaneous:**

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.

6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

**Additional Conditions:**

1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent should develop green belt as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability.
5. Project proponent should invest the CER amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
6. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same.
7. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water.
8. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
9. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.

**(Dr. Brij Bihari Awasthi)**  
**Member**

**(Umesh Chandra Sharma)**  
**Member**

**(Dr. Ratan Kar)**  
**Member**

**(Om Prakash Srivastava)**  
**Member**

**(Ashish Tiwari)**  
**Member-Secretary, SEAC**

**(Rajive Kumar)**  
**Chairman**

**Nodal, SEAC-1**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-1 during the meeting.

**Annexure-1**

**Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI**

- 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) 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.
- 21) 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.
- 22) 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.
- 23) 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.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) 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.

- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 45) Besides the above, the below mentioned general points are also to be followed:-
  - a) Executive Summary of the EIA/EMP Report
  - b) All documents to be properly referenced with index and continuous page numbering.
  - c) Where data are presented in the Report especially in Tables, the period in which the data



were collected and the sources should be indicated.

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