

--\*\*\*--  
**State Environment Impact Assessment Authority**  
**West Bengal**  
**Minutes of SEIAA Meeting**  
--\*\*\*--

Subject: **88<sup>th</sup> meeting of SEIAA**  
Venue:- **Conference Room of Environment Department, Prani Sampad Bhavan, 5<sup>th</sup> Floor, LB – Block, Sector – III, Salt Lake, Kolkata – 700106**  
From :- **21 February 2023**  
To :- **21 February 2023**

(1) Proposed construction of a Residential complex with all modern amenities at Premises No. 1, Rustomjee Parsee Road, Ward No. 6, Borough– I, P.S. – Cossipore, Kolkata – 700002, West Bengal by **M/s. Oswal Residential Buildings LLP.**

**Proposal No. :- SIA/WB/INFRA2/408662/2022, File No. : EN/T-II-1/078/2022, Type-EC**

**INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/INFRA2/408662/2022** dated **03 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **8(a) Building / Construction** projects under Category "**B2**" of EIA Notification 2006.

SEAC recommended the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023.

**PROJECT DETAILS**

The project of M/s **Oswal Residential Buildings LLP** located in as follows :

S. No.	State	District
(1.)	West Bengal	Kolkata

**DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and observed that the project proponent (PP) should submit the following in the PARIVESH Portal:-**

1. **Original land ownership document/s.**
2. **Original land classification document and subsequent changes, if any.**
3. **In case the proposed project area belonged to more than one owner, an amalgamation certificate from KMC.**
4. **NGT order dated 13.02.2015 and its compliance.**
5. **Guidelines framed by the trustees of KOPT as mentioned in the point no. 2(i) in the letter vide no. Admn./6454/Antrix Housing/2 dated 16.08.2016.**

**RECOMMENDATIONS OF SEIAA**

**Therefore, the application for EC is deferred for additional information.**

## CONCLUSION

### **Deferred (Additional Information).**

(2) Proposed project for installation of 2x10 Tonnes Induction Furnaces at JL No. 90, Touzi No. 1, C.S. Plot Nos. 33(P), 34(P), 35(F), 36(F), 37(F), 38(F), 57(P), 61(P), 596(P), 597(P), 698(P), 599(P), 600(P), 602(P), 604(P), 605(P), 606(P), 608(P), 609(P), 36/532, Touzi No. 10, C.S. Plot Nos. 37(P), 38(P), 39(F), 40(F), 41(P), 42(P), 579(P), 589(P), 590(P), 591(F), 592(F), 593(P), 594(P), 595(P), 597(P), 427(F), Raturia, Angadpur Industrial Area, Dist – Paschim Bardhaman, Durgapur – 713215, West Bengal by **M/s. C. P. Re-Rollers Limited**.

**Proposal No. :- SIA/WB/IND/69795/2019, File No. : EN/T-II-1/021/2019, Type-EC**

## INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/IND/69795/2019** dated **08 Dec 2021** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **3(a) Metallurgical industries (ferrous & non ferrous)** under Category "**B1**" of EIA Notification 2006.

The project proponent (PP) obtained ToR for the proposed project vide Memo No. 414-2N-26/2019(E) dated 06.05.2019 against proposal no. SIA/WB/IND/30878/2019.

SEAC recommended the proposed project for Environmental Clearance during its 50<sup>th</sup> meeting held on 31.08.2022 with the additional conditions mentioned in O.M. issued by MoEF&CC vide F No. 22-23/2018.IA.III(Pt.) dated 31.10.2019 as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area.

The proposal was placed before SEIAA in its 79<sup>th</sup> meeting held on 10.11.2022 and it was observed that some documents required to be uploaded in the PARIVESH Portal. The project proponent uploaded documents on 15.02.2023.

## PROJECT DETAILS

The project of M/s **C. P. Re-Rollers Limited** located in as follows :

S. No.	State	District
(1.)	West Bengal	Paschim Bardhaman

## DELIBERATION IN SEIAA

SEIAA considered the submission uploaded by the project proponent on 15.02.2023 and observed that based on the order of the Hon'ble NGT, Eastern Bench, Kolkata decided to conduct a site inspection of the industrial unit on 28.02.2023 and a hearing of the PP on 02.03.2023 before passing appropriate orders. It was also observed that the plantation plan approved by the DFO is to be uploaded.

## RECOMMENDATIONS OF SEIAA

**Therefore, the application for EC is deferred for further consideration.**

## CONCLUSION

**Deferred for further consideration.**

(3) Proposed Residential, mercantile & MLCP project near Vega Circle Mall, Sevok Road, at Plot no. (LR) – 555, 611, Plot no. (RS) – 82, 82/298, 81/297, Khatian no. (LR) – 545, 2516, Khatian no. (RS) – 282/1, 282/3, 282/5, JL No.- 02, Mouza- Dabgram, Parganas Baikunthapur, P.S.- Bhaktinagar, District- Jalpaiguri, under Siliguri Municipal Corporation, West Bengal by **M/s. Shree Vinayak Constructions**.

**Proposal No. :- SIA/WB/MIS/257178/2022, File No. : EN/T-II-1/008/2022, Type-EC**

## **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIS/257178/2022** dated **17 Feb 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **8(a) Building and Construction** projects under Category "**B2**" of EIA Notification 2006.

The SEAC in its 55<sup>th</sup> meeting held on 09.11.2022 recommended that based on the letter vide No. 2945/WL/2W-682(Part-III)/2019 dated 28.09.2022 received from Principal Chief Conservator of Forest (Wildlife) and Chief Wildlife Warden wherein it was confirmed that the proposed project site is falling within the eco-sensitive zone of Mahananda Wildlife Sanctuary. Hon'ble Supreme Court of India in its order dated 03.06.2022 in its L.A No.1000 of 2003 in W.P.202 of 1995 ordered that no new structure shall be permitted to come up in ESZ, hence, permission for the above proposal (SIA/WB/MIS/257178/2022) cannot be granted.

The proposal was placed before SEIAA in its 81<sup>st</sup> meeting held on 06.12.2022 and it was decided to request the PP for a hearing before the final decision on the EC application is taken. Accordingly, the PP is requested to appear before SEIAA for hearing in the 88<sup>th</sup> meeting on 21.02.2023.

## **PROJECT DETAILS**

The project of M/s. **Shree Vinayak Constructions** located in as follows :

S. No.	State	District
(1.)	West Bengal	Jalpaiguri

## **DELIBERATION IN SEIAA**

The PP attended the hearing before SEIAA and submitted copies of few documents from the Divisional Forest Officer, Darjeeling Wildlife Division along with enclosures wherein it is mentioned that the project site lies at a distance of about 6.35 km and 6.6 km respectively which is falling out of ESZ declared for Mahananda Wildlife Sanctuary. The PP to be intimated to submit NOC / clearance from Chief Wildlife Warden, West Bengal in this regard.

## **RECOMMENDATIONS OF SEIAA**

**Therefore, the application for EC is deferred for additional information.**

## **CONCLUSION**

**Deferred (Additional Information).**

(4) Proposed Dhantali Sand Mine on Bura Raidak river in area of 1.21 Ha. (3.00 Acres) at Plot No: 05(RS), JL No.: 28, Mouza – Dhantali, Block – Kumargram, Dist – Alipurduar, West Bengal by **Atiar Rahaman**.

**Proposal No. :- SIA/WB/MIN/412060/2022, File No. : EN/T-II-1/003/2023, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/412060/2022** dated **28 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023. Based on the submission and presentation made by the project proponent, the SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Alipurduar district. SEAC further observed that the plot area appears to be near Buxa National Park. The PP has not uploaded valid LoI, cluster certificate from the competent authority, and other relevant documents from the competent authority.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### **PROJECT DETAILS**

The project of **Atiar Rahaman** located in as follows :

S. No.	State	District
(1.)	West Bengal	Alipurduar

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**The EC application is rejected.**

### **CONCLUSION**

**Rejected.**

(5) Proposed Chittalghata Sand & stone Mine on Mahananda river in area of 11.24 Acres / 4.55 Ha. at Plot No: 604, 606, 607, 610, 612, 613, 619, 620, 622, 624-627, 630, JL No.: 1, Mouza – Chittalghata, PS – Chopra, Dist – Uttar Dinajpur, West Bengal by **Krishna Agarwal**.

**Proposal No. :- SIA/WB/MIN/408730/2022, File No. : EN/T-II-1/002/2023, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/408730/2022** dated

**22 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023. Based on the submission and presentation made by the PP, the SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Uttar Dinajpur district. Also, the PP has not uploaded valid LoI, cluster certificate from the competent authority, and a few other relevant documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### **PROJECT DETAILS**

The project of **Krishna Agarwal** located in as follows :

S. No.	State	District
(1.)	West Bengal	Uttar Dinajpur

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**The EC application is rejected.**

### **CONCLUSION**

**Rejected.**

(6) Proposed Kotalsole Sand Mine on Kangsabati river in area of 11.86 Acres / 4.80 Ha. at Plot No: 194, JL No.: 108, Mouza – Kotalsole, Block & PS – Sarenga, Dist – Bankura, West Bengal by **Arun Kumar**.

**Proposal No. :- SIA/WB/MIN/411215/2022, File No. : EN/T-II-1/117/2022, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/411215/2022** dated **18 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023. Based on the submission and presentation made by the PP, the SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Bankura district. Also, the PP has not uploaded valid LoI, cluster certificate from the competent authority, and other relevant documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### **PROJECT DETAILS**

The project of **Arun Kumar** located in as follows :

S. No.	State	District
(1.)	West Bengal	Bankura

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**The EC application is rejected.**

### **CONCLUSION**

**Rejected.**

(7) Proposed Chhoto Chowkirboss Sand Mine on river Raidak-I in area of : 2.89 Acres (1.95 Ha) at Plot No: 430, 447, 448, 750, & 752(LR), JL No.: 124, Mouza – Chhoto Chowkirboss, Block – Alipurduar II, Dist - Alipurduar, West Bengal by **S Agarwal**.

**Proposal No. :- SIA/WB/MIN/409371/2022, File No. : EN/T-II-1/116/2022, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/409371/2022** dated **14 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023. Based on the submission and presentation made by the PP, the SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Alipurduar district. SEAC further observed that the plot area appears to be near Buxa National Park.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### **PROJECT DETAILS**

The project of **S Agarwal** located in as follows :

S. No.	State	District
(1.)	West Bengal	Alipurduar

#### DELIBERATION IN SEIAA

**SEIAA considered the recommendation of SEAC and accepted the same.**

#### RECOMMENDATIONS OF SEIAA

**The EC application is rejected.**

#### CONCLUSION

**Rejected.**

(8) Proposed Malbagicha Sand Mine on river Silabati in area of 2.82 acres (1.14 Ha) at Plot No. 48(P), 56, 57(P), 58(P), 59, 60, 61(P), & 62(P), J.L. No.- 411, Mouza – Malbagicha, PS – Garhbeta, Dist – Paschim Medinipur, West Bengal by **Ataur Rahaman Mondal**.

**Proposal No. :- SIA/WB/MIN/260787/2022, File No. : EN/T-II-1/080/2022, Type-EC**

#### INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/260787/2022** dated **13 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023. Based on the submission and presentation made by the PP, the SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Paschim Medinipur district. Also, the PP has not uploaded valid LoI, cluster certificate from the competent authority, and a few other relevant documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

#### PROJECT DETAILS

The project of **Ataur Rahaman Mondal** located in as follows :

S. No.	State	District
(1.)	West Bengal	Paschim Medinipur

#### DELIBERATION IN SEIAA

**SEIAA considered the recommendation of SEAC and accepted the same.**

### RECOMMENDATIONS OF SEIAA

**The EC application is rejected.**

### CONCLUSION

**Rejected.**

(9) Proposed Chhipra Sand Mine on river Raidak-I in area of 2.82 Ha. at Plot no: 336, 337 & 355 (LR), J.L. No.-125, Mouza: Chhipra, Block: Alipurduar-II, District: Alipurduar, West Bengal by **HMHG Construction**.

**Proposal No. :- SIA/WB/MIN/409416/2022, File No. : EN/T-II-1/115/2022, Type-EC**

### INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/409416/2022** dated **13 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023. Based on the submission and presentation made by the PP, the SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Alipurduar district. SEAC further observed that the plot area appears to be near Buxa National Park.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### PROJECT DETAILS

The project of M/s. **HMHG Construction** located in as follows :

S. No.	State	District
(1.)	West Bengal	Alipurduar

### DELIBERATION IN SEIAA

**SEIAA considered the recommendation of SEAC and accepted the same.**

### RECOMMENDATIONS OF SEIAA

**The EC application is rejected.**

### CONCLUSION

**Rejected.**



(10) Proposed Bhalukmura Sand Mine on river Silabati in area of 5 acres (2.02 Ha) at Plot No. 16(P), 63(P) & 77(P), J.L. No.- 795, Mouza – Bhalukmura, PS – Garhbeta, Dist – Paschim Medinipur, West Bengal by **Prasanta Karak**.

**Proposal No. :- SIA/WB/MIN/260047/2022, File No. : EN/T-II-1/081/2022, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/260047/2022** dated **12 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023. Based on the submission and presentation made by the PP, the SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Paschim Medinipur district. Also, the PP has not uploaded valid LoI, cluster certificate from the competent authority, and a few other relevant documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### **PROJECT DETAILS**

The project of **Prasanta Karak** located in as follows :

S. No.	State	District
(1.)	West Bengal	Paschim Medinipur

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**The EC application is rejected.**

### **CONCLUSION**

**Rejected.**

(11) Proposed Bangpur Sand Mine on river Damodar in area of 7.96 acres (3.22 Ha) at Plot No. 1859(P), 1860(P) & ors. J.L. No.- 32, Mouza – Bangpur, PS – Bardhaman, Dist – Purba Bardhaman, West Bengal by **Sanjay Bhakta**.

**Proposal No. :- SIA/WB/MIN/409062/2022, File No. : EN/T-II-1/119/2022, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/409062/2022** dated **08 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 63<sup>rd</sup> meeting held on 18.01.2023. Based on the submission and presentation made by the PP, the SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid LoI, cluster certificate from the competent authority, and a few other relevant documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### **PROJECT DETAILS**

The project of **Sanjay Bhakta** located in as follows :

S. No.	State	District
(1.)	West Bengal	Purba Bardhaman

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**The EC application is rejected.**

### **CONCLUSION**

**Rejected.**

(12) Proposed Nimai Sand and Stone Mine in NIMAI SIL 8 Sand Block on river Balason in the area of 2.7 Ha (6.67 Acres) at Mouza - Nimai, J.L. No.: 57, Plot Nos. 289(P), 290(P), 315(P), 321(P), 322(P), P.S. – Matigara, Dist. – Darjeeling, West Bengal by **Santosh Singh**.

**Proposal No. :- SIA/WB/MIN/273925/2022, File No. : EN/T-II-1/010/2023, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/273925/2022** dated **28 Nov 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 64<sup>th</sup> meeting held on 01.02.2023. This application for EC was noted to be a duplicate one. An earlier application for the same project was considered in the 61<sup>st</sup> meeting of SEAC held on 04.01.2023. Considering the above, the SEAC recommended that the proposal may be rejected.

### **PROJECT DETAILS**

The project of **Santosh Singh** located in as follows :

S. No.	State	District
(1.)	West Bengal	Darjeeling

#### DELIBERATION IN SEIAA

**SEIAA considered the recommendation of SEAC and accepted the same.**

#### RECOMMENDATIONS OF SEIAA

**The EC application is rejected.**

#### CONCLUSION

**Rejected.**

(13) Proposed Fakirpur Sand Mine on river Damodar over an area of 5 Ha (12.33 Acres) at Mouza - Fakirpur, J.L. No.: 25, Plot No. 1293(P), 1377(P) etc. P.S. – Bardhaman, Dist. – Purba Bardhaman, West Bengal by **Mohan Choudhury**.

**Proposal No. :- SIA/WB/MIN/264681/2022, File No. : EN/T-II-1/019/2023, Type-EC**

#### INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/264681/2022** dated **24 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 64<sup>th</sup> meeting held on 01.02.2023. The PP appeared for the presentation without NABET accredited consultant. It was also observed that the lease area is 5 ha. and therefore, should have been applied under ToR category as specified in the O.M. issued by MoEF&CC dated 12.12.2018.

Based on the submission and presentation made by the PP, the SEAC observed that the geo-coordinates of the proposed plot given in the approved Mining cum Progressive Mine Closure Plan does not give a proper representation of the lease area for the proposed project. Also, the PP has not uploaded valid LOI, original LOI mentioning the plot nos. showing the exact location, cluster certificate from the competent authority, and other related documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

#### PROJECT DETAILS

The project of **Mohan Choudhury** located in as follows :

S. No.	State	District
(1.)	West Bengal	Purba Bardhaman

### DELIBERATION IN SEIAA

**SEIAA considered the recommendation of SEAC and accepted the same.**

### RECOMMENDATIONS OF SEIAA

**The EC application is rejected.**

### CONCLUSION

**Rejected.**

(14) Proposed Krishnadebpur Sand Mine on river Bhagirathi over an area of 1.84 Ha (4.54 Acres) at Mouza - Krishnadebpur, J.L. No.: 91 Plot No. 2251(P), (HAL 3199, 3200 & ORS., P.S. – Kalna, Dist. – Purba Bardhaman, West Bengal by **Basiruddin Seikh**.

**Proposal No. :- SIA/WB/MIN/274629/2022, File No. : EN/T-II-1/016/2023, Type-EC**

### INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/274629/2022** dated **18 Jan 2023** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 64<sup>th</sup> meeting held on 01.02.2023. The PP appeared for the presentation without NABET accredited consultant. Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded cluster certificate from the competent authority, and other related documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### PROJECT DETAILS

The project of **Basiruddin Seikh** located in as follows :

S. No.	State	District
(1.)	West Bengal	Purba Bardhaman

### DELIBERATION IN SEIAA

**SEIAA considered the recommendation of SEAC and accepted the same.**

### RECOMMENDATIONS OF SEIAA

**The EC application is rejected.**

## CONCLUSION

**Rejected.**

(15) Proposed Kansra Sand Mine on river Damodar over an area of 1.75 Ha (4.3 Acres) at Mouza - Kansra, J.L. No.: 44 Plot No. 1345(P), Block & P.S. – Jamalpur, Dist. – Purba Bardhaman, West Bengal by **Basudev Majhi**.

**Proposal No. :- SIA/WB/MIN/262037/2022, File No. : EN/T-II-1/017/2023, Type-EC**

## INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/262037/2022** dated **26 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 64<sup>th</sup> meeting held on 01.02.2023. The PP did not engage any NABET accredited environmental consultant and appeared himself for the EC presentation. Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Also, the PP has not uploaded valid LOI, original LOI mentioning the plot nos. showing the exact location and cluster certificate from the competent authority, and other related documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

## PROJECT DETAILS

The project of **Basudev Majhi** located in as follows :

S. No.	State	District
(1.)	West Bengal	Purba Bardhaman

## DELIBERATION IN SEIAA

**SEIAA considered the recommendation of SEAC and accepted the same.**

## RECOMMENDATIONS OF SEIAA

**The EC application is rejected.**

## CONCLUSION

**Rejected.**

(16) Proposed Kogram Sand Mine on river Ajay over an area of 3.4 Ha (8.41 Acres) at Mouza - Kogram, J.L. No.: 58 Plot No. 284(P), 285(P) & Ors. P.S. – Mongalkote, Dist. – Purba Bardhaman, West Bengal by **Ashok Kumar Saha**.

**Proposal No. :- SIA/WB/MIN/408625/2022, File No. : EN/T-II-1/015/2023, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/408625/2022** dated **19 Jan 2023** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 64<sup>th</sup> meeting held on 01.02.2023. The PP did not engage any NABET accredited environmental consultant and appeared himself for the EC presentation. Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman. Also, the PP has not uploaded pre-feasibility report and cluster certificate from the competent authority, and other related documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### **PROJECT DETAILS**

The project of **Ashok Kumar Saha** located in as follows :

S. No.	State	District
(1.)	West Bengal	Purba Bardhaman

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**The EC application is rejected.**

### **CONCLUSION**

**Rejected.**

(17) Proposed Bhattachagram Sand Mine on river Silabati over an area of 0.80 Ha (1.98 Acres) at Mouza - Bhattachagram, J.L. No.: 399, Plot No. 680(P), P.S. – Garhbeta, Dist. – Paschim Medinipur, West Bengal by **Mr. Bablu Sarkar**.

**Proposal No. :- SIA/WB/MIN/259966/2022, File No. : EN/T-II-1/021/2023, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/259966/2022** dated **21 Jan 2023** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 64<sup>th</sup> meeting held on 01.02.2023. Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Paschim Medinipur district. Also, the PP has not uploaded valid LoI, cluster certificate from the competent authority and other related documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

### **PROJECT DETAILS**

The project of **Mr. Bablu Sarkar** located in as follows :

S. No.	State	District
(1.)	West Bengal	Paschim Medinipur

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**The EC application is rejected.**

### **CONCLUSION**

**Rejected.**

(18) Proposed Idilpur Sand Mine on river Damodar over an area of 4.98 Ha (12.3 Acres) at Mouza - Idilpur, J.L. No.: 24, Plot No. 829(P) to 131(P), 1267, 1420(P), 1425(P) – 1428(P), 1430(P), 1431(P), 1436(P), 1603(P), 1604(P), P.S. – Bardhaman, Dist. – Purba Bardhaman, West Bengal by **Namita Enterprise, Idilpur.**

**Proposal No. :- SIA/WB/MIN/262127/2022, File No. : EN/T-II-1/023/2023, Type-EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/262127/2022** dated **23 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 64<sup>th</sup> meeting held on 01.02.2023. The PP did not engage any NABET accredited environmental consultant and appeared himself for the EC presentation. Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Purba Bardhaman. Also, the PP has not uploaded valid LoI, cluster certificate from the competent authority, and other related documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

## **PROJECT DETAILS**

The project of **Namita Enterprise, Idilpur** located in as follows :

S. No.	State	District
(1.)	West Bengal	Purba Bardhaman

## **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

## **RECOMMENDATIONS OF SEIAA**

**The EC application is rejected.**

## **CONCLUSION**

**Rejected.**

(19) Proposed Baranda Sand Mine on river Silabati over an area of 0.90 Ha (2.22 Acres) at Mouza - Baranda, J.L. No.: 572, Plot No. 1(P) P.S. – Garhbeta, Dist. – Paschim Medinipur, West Bengal by **Ataur Rahaman Mondal**.

**Proposal No. :- SIA/WB/MIN/260727/2022, File No. : EN/T-II-1/020/2023, Type-EC**

## **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/260727/2022** dated **21 Jan 2023** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 64<sup>th</sup> meeting held on 01.02.2023. Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan does not fall within the potential mining zone recorded in the approved District Survey Report (DSR) of Paschim Medinipur district. Also, the PP has not uploaded cluster certificate from the competent authority and other related documents.

The SEAC, therefore, recommended that the proposed project, in its present form, cannot be considered for further processing of Environmental Clearance.

## **PROJECT DETAILS**

The project of **Ataur Rahaman Mondal** located in as follows :

S. No.	State	District
(1.)	West Bengal	Paschim Medinipur



## DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

## RECOMMENDATIONS OF SEIAA

The EC application is rejected.

## CONCLUSION

**Rejected.**

(20) Proposed Residential cum Commercial Complex at L.R. Plot No. – 81, 82, 83, 84, 101, 102, L.R. Khatian No. – 3409, J.L. No. – 72, Mouza – Kawakhari, Pargana – Patharghata, P.S. – Matigara, under Matigara Panchayat Samity, Dist. – Darjeeling, West Bengal by **M/s. Realm Construction** (VIOLATION CASE).

**Proposal No. :- SIA/WB/INFRA2/411577/2022, File No. : EN/T-II-1/004/2023, Type-TOR**

### INTRODUCTION

The proponent made online application under violation category vide proposal no. **SIA/WB/INFRA2/411577/2022** dated **26 Dec 2022** seeking Terms of reference (TOR) under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S. No. **8(a) Building and Construction** projects under Category **B2** of EIA Notification, 2006.

The SEAC during its 62<sup>nd</sup> meeting held on 11.01.2023 recommended the proposal for Standard Terms of Reference under violation category.

### PROJECT DETAILS

The project of **M/s. Realm Construction** located in as follows :

S. No.	State	District
(1.)	West Bengal	Darjeeling

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/WB/INFRA2/411577/2022.**

## DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and decided that the PP should provide the following documents:-

1. A notarized affidavit as per the enclosed format given in Annexure – 1.
2. Land ownership documents along with mutation certificate.
3. Developers Agreement.
4. The plot nos. mentioned in the certificate in land conversion and other documents do not match with the land use certificate issued by Matigara Panchayat Samity.
5. Concurrence for waste water discharge, solid waste disposal and other services from the Competent

**Authority.**

6. Ground water permission from the Competent Authority indicating the quantity of water to be abstracted and also the running hours of the pump for the bore wells.
7. Power of Attorney in the name of M/s. Realm Construction.
8. Present status of construction of the project clearly showing the violation portion with photographs.
9. Commitment / undertaking regarding shape of '*Nalah*' to confirm that the character and physical *shape* of the said *Nalah* will remain unchanged. Management plan of the *Nalah* during construction phase and also for the post construction phase, along with plan of protection of the micro-flora and fauna at the bank of the *Nalah*. The ownership of that particular segment of a continuous *Nalah* should be ensured.
10. Depth of '*Nalah*' throughout the entire stretch.
11. No high-tension electrical line should run across the proposed project site. Communication with WBSEDCL regarding relocation of the pole should be submitted.
12. Basement depth. A report on the impact of basement on confined water /groundwater flow to be submitted.
13. Subsurface hydro-geological study of the area. Detail Chemical analysis of groundwater from at least nearby five wells along with their geographical location and depth should also be submitted with the hydrogeological report. Detail design of all artificial recharge structures should be submitted based on sub-surface geology.
14. Measures taken to control pollution from surface runoff during monsoon.
15. Storm water management during construction and post construction phase.
16. Undertaking to be submitted regarding location of recharge pits which should be shifted away from driveway.
17. While submitting the land use plan within the project area, the details (exact width) of underground service lines including fire, electrical, sewerage and drainage should be depicted with a different colour in order to assess that the area required for exclusive tree plantation does not overlap with these underground service lines. The plan should be certified by the project architect.
18. Proposal for organic waste composter.

**RECOMMENDATIONS OF SEIAA**

Therefore, the application for EC is deferred for additional information.

**CONCLUSION**

**Deferred (Additional Information).**

**Annexure – 1**

**UNDERTAKING for Building projects**

(To be done on Non-Judicial Stamp Paper of valuation Rs.10/- and duly notarized)

I, son of \_\_\_\_\_ (Father's Name) \_\_\_\_\_, resident \_\_\_\_\_ (Address) \_\_\_\_\_ presently working as \_\_\_\_\_ (Designation) \_\_\_\_\_ of M/s. \_\_\_\_\_ (Organization Name) \_\_\_\_\_ am an authorized person of the above named organization, do hereby solemnly declare and state as follows :

1) THAT M/s. \_\_\_\_\_ are the project proponent in respect of the \_\_\_\_\_ (Project Name) \_\_\_\_\_.

2. THAT M/s. \_\_\_\_\_ has constructed \_\_\_\_\_ sq.mt. built-up area at premises No. \_\_\_\_\_.

3. THAT in terms of EIA Notification 2006 and amendments thereof, our project falls within the purview of environment clearance.

4. THAT M/s. \_\_\_\_\_ has failed to get prior environmental clearance as per statutory provisions of EIA Notification due to the reasons mentioned below: (please mentioned the reasons) –

- i.
- ii.
- iii.
- iv.

5. THAT M/s. \_\_\_\_\_ has submitted the application form for obtaining necessary Terms of Reference / Environmental Clearance as per EIA Notification, 2006 and its amendments issued by the Ministry of Environment, Forest and Climate Change & Standard Operating Procedure (SoP) issued by MoEF&CC vide its OM dated 07.07.2021 which was upheld by hon'ble Supreme Court vide its order dated 09.12.2021 (MoEF&CC O.M. No.22-21/2020-IA.III[E 138949] dated 28.01.2022).

6. Now I, on behalf of the Project Proponent undertake the followings :-

- a) To comply with all statutory requirements/norms, for obtaining Environmental Clearance;
- b) To take all necessary permissions/licences/clearances from the concerned Government Departments and to submit compliance before the State Level Appraisal Committee, West Bengal;
- c) To take all measures for the protection of the environment as may be prescribed by the Central Government or the State Government from time to time at the expenses of the project proponent.

7. THAT the project proponent also undertakes not to repeat such violation in future, in case of violation, the ToR/E shall be liable to be terminated.

The above-mentioned statements are true to the best of my knowledge and belief.

(21) Proposed Jujuti Sand mining project of 9.13 acres / 3.69 Ha. in Damodar river at Plot No. 1101(P)/D, Mouza – Jujuti, JL No. 123, PS - Galsi, Dist – Purba Bardhaman, West Bengal by **Raja Ghosh**.

**Proposal No. :- SIA/WB/MIN/60356/2021, File No. : EN/T-II-1/114/2022, Type-TOR**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/60356/2021** dated **21 Dec 2022** seeking Terms of reference (TOR) under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S. No. **1(a) Mining of minerals** projects under Category **B** of EIA Notification, 2006.

The SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 recommended issuance of standard Terms of Reference for EIA preparation for the project with the following additional conditions :-

1. A Cluster certificate from the competent authority should be submitted.
2. A need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
3. Details of accredited consultant including valid NABET accreditation certificate should be submitted.
4. Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ sought above.

### **PROJECT DETAILS**

The project of **Raja Ghosh** located in as follows :

S. No.	State	District
(1.)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/WB/MIN/60356/2021**.

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**SEIAA approved the proposal for ToR.**

### **CONCLUSION**

**Conditions**

**A. STANDARD TERMS OF REFERENCE**

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 sectorial programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
22. One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM<sub>10</sub>, particularly for free silica, should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation.

The wind roses showing pre-dominant wind direction may also be indicated on the map.

24. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
26. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
27. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
29. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
30. Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
31. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
32. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
34. Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
37. Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
38. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.

39. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
43. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
44. Besides the above, the below mentioned general points are also to be followed:-
  - a. Executive Summary of the EIA/EMP Report
  - b. All documents to be properly referenced with index and continuous page numbering.
  - c. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
  - d. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
  - e. Where the documents provided are in a language other than English, an English translation should be provided.
  - f. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
  - g. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
  - h. Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
  - i. As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
  - j. The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

**B. Additional Conditions :**

1. Cluster certificate from the competent authority should be submitted.
2. Need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
3. Details of accredited consultant including valid NABET accreditation certificate should be submitted.
4. Study report on base flow level measured at 5 points with date and supporting photographs. It should be



committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ sought above.

The ToR is valid for a period of 3 (three) years from the date of issue.

(22) Proposed Chaitpur Sand Mine project in river Damodar in area of 7.75 Acres / 3.14 Hectares at Plot No. 1453(P), 1454(P), 1480(P), 1564(P), 1581(P), 1585(P), JL No. 84, Mouza – Chairpur, PS – Bardhaman, Dist – Purba Bardhaman, West Bengal by **Buddhadeb Adhikari**.

**Proposal No. :- SIA/WB/MIN/73729/2022, File No. : EN/T-II-1/087/2022, Type-TOR**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/73729/2022** dated **21 Dec 2022** seeking Terms of reference (TOR) under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S. No. **1(a) Mining of minerals** projects under Category **B** of EIA Notification, 2006.

The SEAC during its 63<sup>rd</sup> meeting held on 18.01.2023 recommended issuance of Standard Terms of Reference for EIA preparation for the project with the following additional conditions :-

1. Valid LOI from the competent authority.
2. Cluster certificate from the competent authority should be submitted.
3. Need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
4. Details of accredited consultant including valid NABET accreditation certificate should be submitted.
5. Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ sought above.

### **PROJECT DETAILS**

The project of **Buddhadeb Adhikari** located in as follows :

S. No.	State	District
(1.)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no.

**SIA/WB/MIN/73729/2022.**

**DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

**RECOMMENDATIONS OF SEIAA**

**SEIAA approved the proposal for ToR.**

**CONCLUSION**

**Approved ToR.**

Conditions
<p><b>A. STANDARD TERMS OF REFERENCE</b></p> <ol style="list-style-type: none"><li>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.</li><li>2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.</li><li>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.</li><li>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).</li><li>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.</li><li>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.</li><li>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.</li><li>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.</li><li>9. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in</li></ol>

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 along with 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 sectorial 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. Details of rainwater harvesting proposed in the Project, if any, should be provided.
27. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
29. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
30. Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
31. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
32. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA

Report.

34. Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
37. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
38. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
39. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
43. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
44. Besides the above, the below mentioned general points are also to be followed:-
  - a. Executive Summary of the EIA/EMP Report
  - b. All documents to be properly referenced with index and continuous page numbering.
  - c. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
  - d. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
  - e. Where the documents provided are in a language other than English, an English translation should be provided.
  - f. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
  - g. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4<sup>th</sup> 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.

#### **B. Additional Terms of Reference**

- 1) Valid LOI from the competent authority.
- 2) Cluster certificate from the competent authority should be submitted.
- 3) Need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
- 4) Details of accredited consultant including valid NABET accreditation certificate should be submitted.
- 5) Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.

The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ sought above.

The ToR is valid for a period of 3 (three) years from the date of issue.

(23) Proposed Ghanesharpur sand mine on Kangshabati river at JL no. 109, Plot No. 84(P), 85(P) & 86(P), Mouza - Ghanesharpur, P.S. - Sadar, Dist.- Paschim Medinipur, West Bengal by **Kartick Jana**.

**Proposal No. :- SIA/WB/MIN/72819/2022, File No. : EN/T-II-1/007/2023, Type-TOR**

#### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/72819/2022** dated **07 Jan 2023** seeking Terms of reference (TOR) under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S. No. **1(a) Mining of minerals** projects under Category **B** of EIA Notification, 2006.

The SEAC during its 64<sup>th</sup> meeting held on 01.02.2023 recommended issuance of standard Terms of Reference for EIA preparation for the project with the following additional conditions: -

1. Valid LOI to be obtained from the competent authority.
2. Necessary cluster certificate may be obtained from the competent authority and the same may be submitted/ uploaded along with the EIA.
3. As stipulated in the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020 all the commitments made by the project proponent to address the concerns raised during the public consultation shall be

clearly spelt out and the same shall be made part of the Environment Management Plan.

4. Details of accreditation of the environmental consultant including a copy of the valid NABET accreditation certificate should be submitted/ uploaded.
5. A base line study may be conducted on the base flow level (to be measured at least at 5 points giving the dates of measurement). The study report should also contain supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may be revised.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ reports sought above.

### **PROJECT DETAILS**

The project of **Kartick Jana** located in as follows :

S. No.	State	District
(1.)	West Bengal	Paschim Medinipur

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/WB/MIN/72819/2022.**

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**SEIAA approved the proposal for ToR.**

### **CONCLUSION**

**Approved ToR.**

### **Conditions**

#### **A. STANDARD TERMS OF REFERENCE**

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 and conditions? The hierarchical system or administrative order of the Company to deal with the environmental issue 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 along with 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 sectorial 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. Details of rainwater harvesting proposed in the Project, if any, should be provided.
27. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
29. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed

if any, and the impact of the same on the hydrology should be brought out.

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

#### **B. Additional Terms of Reference**

1. Valid LOI to be obtained from the competent authority.
2. Necessary cluster certificate may be obtained from the competent authority and the same may be submitted/ uploaded along with the EIA.
3. As stipulated in the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020 all commitments made by the project proponent to address the concerns raised during the public consultation shall be clearly spelt out and the same shall be made part of the Environment Management Plan.
4. Details of accreditation of the environmental consultant including a copy of the valid NABET accreditation certificate should be submitted/ uploaded.
5. A base line study may be conducted on the base flow level (to be measured at least at 5 points giving the date of measurement). The study report should also contain supporting photographs. It should be committed that mining shall be done at least 1m above the base flow level. Accordingly, if required, the proposal may be revised.

The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ sought above.

The ToR is valid for a period of 3 (three) years from the date of issue.

### Executive Summary

The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points:

- 1) Project name and location (Village, District, State, Industrial Estate (if applicable).
- 2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative).
- 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- 5) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- 6) Capital cost of the project, estimated time of completion.
- 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of is acquisition, nearby (in 2-3 km.) water body, population, with in 10km. other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary).
- 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population.
- 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- 10) Likely impact of the project on air, water, land, flora-fauna and nearby population.
- 11) Emergency preparedness plan in case of natural or in plant emergencies.
- 12) Issues raised during public hearing (if applicable) and response given.
- 13) Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 with proposed expenditure.
- 14) Occupational Health Measures.
- 15) Post project monitoring plan.

(24) Proposed Nischintapur Sand Mine on Kangshabati River in the area of 2.80 Ha (6.92 Acres) at Mouza - Nischintapur, J.L. No.: 48, Plot Nos. 1(P), 2(P), P.S. – Medinipur, Dist. – Paschim Medinipur, West Bengal by **Deep Dutta**.

**Proposal No. :- SIA/WB/MIN/73865/2022, File No. : EN/T-II-1/008/2023, Type-TOR**

### INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/73865/2022** dated **07 Jan 2023** seeking Terms of reference (TOR) under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S. No. **1(a) Mining of minerals** projects under Category **B** of EIA Notification, 2006.

The SEAC during its 64<sup>th</sup> meeting held on 01.02.2023 recommended issuance of standard Terms of Reference for EIA preparation for the project with the following additional conditions :-

1. Cluster certificate from the competent authority should be submitted.
2. Need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
3. Details of accreditation of the environmental consultant including a copy of the valid NABET accreditation certificate may be submitted/ uploaded.
4. A base line study may be conducted on the base flow level (to be measured at least at 5 points giving the dates of measurement). The study report should also contain supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may be revised.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ sought above.

### **PROJECT DETAILS**

The project of **Deep Dutta** located in as follows :

S. No.	State	District
(1.)	West Bengal	Paschim Medinipur

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/WB/MIN/73865/2022.**

### **DELIBERATION IN SEIAA**

**SEIAA considered the recommendation of SEAC and accepted the same.**

### **RECOMMENDATIONS OF SEIAA**

**SEIAA approved the proposal for ToR.**

### **CONCLUSION**

**Approved ToR.**

Conditions
<p><b>A. STANDARD TERMS OF REFERENCE</b></p> <ol style="list-style-type: none"> <li>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.</li> <li>2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.</li> <li>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.</li> <li>4. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topography</li> </ol>

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 issue 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 detail 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 along with 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 sectorial 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) and 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. Details of rainwater harvesting proposed in the Project, if any, should be provided.
27. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be

obtained and copy furnished.

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

#### **B. Additional Terms of Reference**

- i. Cluster certificate from the competent authority should be submitted.
- ii. Need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA. dated 30.09.2020.
- iii. Details of accreditation of the environmental consultant including a copy of the valid NABET accreditation certificate may be submitted/ uploaded.
- iv. A base line study may be conducted on the base flow level (to be measured at least at 5 points giving the dates of measurement). The study report should also contain supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may be revised.

The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ sought above.

The ToR is valid for a period of 3 (three) years from the date of issue.

### Executive Summary

The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points:

- 1) Project name and location (Village, District, State, Industrial Estate (if applicable)).
- 2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative).
- 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- 5) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- 6) Capital cost of the project, estimated time of completion.
- 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10km. other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary).
- 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population.
- 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- 10) Likely impact of the project on air, water, land, flora-fauna and nearby population.
- 11) Emergency preparedness plan in case of natural or in plant emergencies.
- 12) Issues raised during public hearing (if applicable) and response given.
- 13) Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 with proposed expenditure.
- 14) Occupational Health Measures.
- 15) Post project monitoring plan.

### MISCELLANEOUS

1. Discussion on draft DSRs of **Hooghly, Howrah and Nadia**.

**DSRs of Hooghly, Howrah and Nadia are approved.**