

IN THE SUPREME COURT OF INDIA  
CIVIL ORIGINAL JURISDICTION

T.C. (Civil) No. 02 of 2004

In the Matter of :

SECURITIES AND EXCHANGE BOARD OF INDIA .... Petitioner

Versus

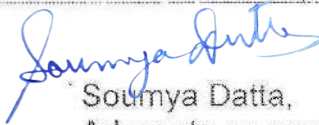
GOLDEN FOREST INDIA LIMITED .... Respondent

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New Delhi

Date: 18.03.2024

  
Soumya Datta,  
Advocate on record  
Counsel for Committee – GFIL

IN THE SUPREME COURT OF INDIA  
CIVIL ORIGINAL JURISDICTION

T.C. (Civil) No. 02 of 2004

In the Matter of :

SECURITIES AND EXCHANGE BOARD OF INDIA .... Petitioner

Versus

GOLDEN FOREST INDIA LIMITED .... Respondent

COUNTER AFFIDAVIT ON BEHALF OF THE  
COMMITTEE-GFIL CONSTITUTED BY THE HON'BLE  
SUPREME COURT.

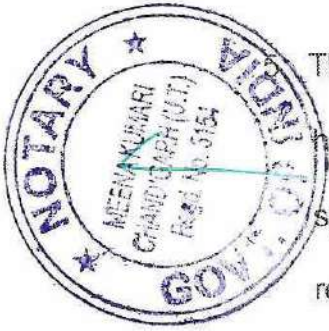


I, Shri Brij Mohan Bedi, S/o Shri Sadhu Ram Bedi, aged about 74 years, R/o H. No. 22, Sector-4, Panchkula, do hereby solemnly affirm and state as under:-

1. That I am one of the members of the Committee constituted by the Hon'ble Supreme Court. I am duly authorised and being fully competent and fully conversant with the facts and circumstances of the case, I am competent to swear this affidavit.
2. That this affidavit has been prepared under my instructions.
3. That on 24.1.2024 the counsel appearing on behalf of legal heirs of the original promoter(s) submitted that illegal mining is taking place in the villages of Kot Billa in district Panchkula. The Hon'ble Court directed the counsel to file an affidavit within two weeks in this regard.

*hvi*

4. That the Committee deputed its in-house revenue assistant to check with concerned Revenue Official whether mining activities are taking place on the remaining lands. The Revenue Assistant of the Committee reported that no such activity was going on the lands belonging to Golden Forest Group companies in these two villages which remain after the lands auction sold by the Committee. Since no such affidavit was filed before 28.2.2024, the Committee on its own filed its status report on that matter specifying the detail of remaining lands in the villages of Kot and Billa.



That however legal heir of original promoter filed an affidavit on the day of hearing i.e. 28.2.2024. The Hon'ble Court on 29.2.2024 observed that no specific details on affidavit provided so that order could be issued. On the request of the counsel further time was granted to submit affidavit by the legal heirs of the original promoters till 15.3.2024.

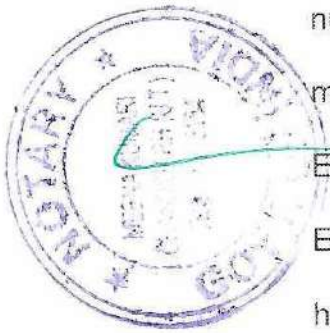
6. That the Committee has received copy of affidavit on 15.3.2024 through email in which this time details of lands with khasra numbers in the village Kot is mentioned and alleged to have been under mining activity. It may be noted that the detail of land is self prepared and not supported by any evidentiary document issued by a competent authority certifying that the mining activities are taking place on these khasra numbers.

7. That the Committee has once again deputed its Revenue Assistant to visit the area with concerned Patwari to find out it's status if any mining is taking place on khasra numbers mentioned in the affidavit. Revenue Assistant visited the place on 15.3.2024 and reported that one Sh. Bajinder Singh Chhikara contractor was doing mining in a river of village

*his*

kot. On enquiry contractor informed that he has obtained contract from Government for mining in village Kot. He also informed that no mining is taking place on the lands of Golden Forest India Limited.

The Committee asked Mr. Bajinder Singh Chhikara contractor to appear before the Committee on 18.3.2024 along with relevant record in support of his claim. The contractor appeared before Committee on 18.3.2024 and submitted that he obtained a license in 2017 for mining on 31.59 hectare of lands of Municipal Corporation, Panchkula having khasra numbers 120 min, 123 min and 124 min in villages Kot and khasra numbers 32//22/1, 33/15, 16/2, 35, 34//1, 2, 9/2 min, 10/1 min and 11/1 min in Dabkori river bed for ten years in the name of M/s Krishna Enterprises. Mr. Bajinder has 60% share holding in M/s Krishna Enterprises and is its authorized partner. He also informed that the firm has got environment clearance and pollution clearance in 2023 thereafter he started mining work only in March-2023. He filed copies of license dated 16.11.2017 issued by Department of Mines and Geology, Haryana, environment clearance dated 13.02.2023 issued by State Environment Impact Assessment Authority, Haryana Ministry of Environment, Forest and Climate Change, Govt. of India. He has also submitted "Consent to Operate" dated 17.3.2023 from Haryana State Pollution Control Board. Copies of License and other clearances are annexed herewith as **ANNEXURE R-1 (Colly.)** pg 7 to pg 32. The Committee also recorded his statement in this regard copy of which with English translation is annexed herewith as **ANNEXRURE R-2**. Pg 33 to



Ans

Pg 35. In his statement Mr. Bajinder, aforesaid, also stated that most of the land around the river kot is owned by M/s Alchemist.

The affidavit filed by Legal heir of ex management is misleading and cannot be relied upon because ex management has been repeatedly filing false affidavit to mislead the court. The fact is that the Committee has examined the khasra numbers provided and found that 772/1525 share equivalent to 15 Kanai 18 Marla falling under khasra numbers 34//14, 15, 16, 33//11 & 20 have been sold to M/s Alchemist infra Realty Limited vide sale certificate no. 2903/1 dated 28.12.2011. Similarly 13 Kanai 13 Marla falling in khasra number 35//7, 14 & 19 is also part of the land sold to M/s Alchemist Infra Realty Limited. Copy of sale certificate issued by the Committee in favour of M/s Alchemist Infra Realty Limited is annexed herewith as **ANNEXURE R-3**. Pg 36 to Pg 62. This shows that the detail of land has been submitted on affidavit before Hon'ble Court without checking with Revenue office.



8. That the Committee since its inception has been requesting ex-management to provide details of lands of company but ex-management has never cooperated with the Committee. Therefore the Committee requested Hon'ble Supreme Court to direct ex-management to provide detail to the Committee. The ex-management never complied with the directions also. Therefore Hon'ble Supreme Court vide order dated 15.10.2008 directed the Committee to take custody of the assets mentioned in Dr. Namavati Assets evaluation report.

The Committee sent copy of Dr. Namavati report with regard to Punjab lands. It is pertinent to mention here that only lands in Derrabassi

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division is mentioned in that report therefore the Committee in its status report dated 21.2.2024 clarified that the Committee does not have detail of lands in Hoshiarpur and also requested the Hon'ble Court to direct state of Punjab to provide the details so that its evaluation may also be done.

9. That on the direction of the Hon'ble Court a list of properties, which was provided to Income tax department for evaluation, was also provided to the legal heir of original promoter, but since then he has provided no information with regard to the properties which were in his knowledge and left out in the list sent to Income Tax department for evaluation.



He has now provided the details of lands in Hoshiarpur district of Punjab which has been left out as the same is recorded in the name of Punjab Government in the Revenue record. If this information was received in time, a valuable time of the court would have been saved.

Since the land is recorded in the name of Punjab Government direction is needed from the Hon'ble Court for its evaluation.

10. That the deponent has also alleged that the Committee is not taking any action with regard to taking over of land by Punjab Govt. in Mohali. The deponent has also attached a news report titled "Mohali Admin takes possession of Golden Forest land" in support of this claim.

It is incorrect that committee has not taken any action in this regard. In fact it was all being done on the request of the Committee to remove encroachments from the lands of Golden forest companies, take possession and deliver to the Committee. Copies of the correspondence

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made between committee and Punjab govt. with English translation is annexed herewith as ANNEXURE R- 4 (Colly.) Pg 63 to Pg 70. Therefore the alleged claim of the deponent that Committee does not take any action to safeguard the property from the encroachment, rather it was to mislead the court.

11. It is prayed that this counter affidavit may please be taken on record.

*[Signature]*  
DEPONENT

VERIFICATION:-

I, the deponent above named, do hereby verify and state that the contents of paragraph 1 to 11 of the affidavit are true to my knowledge based on records of the case, no part of it is false and nothing material has been concealed there from.

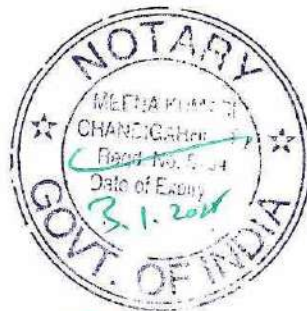
Verified by me at on this the 18<sup>th</sup> day of March, 2024.

*[Signature]*  
DEPONENT

Certified that the Affidavit/SPA/GPA has been read over & explained to the Deponent/ Executant who seems perfectly to understand the same at the time of making thereof.

Identify the deponent who has signed/thumb marked in my presence

*[Signature]*  
Signature.



ATTESTED AS IDENTIFIED  
*[Signature]*  
MEENA KUMARI  
NOTARY CHANDIGARH

The contents of this Affidavit / Document has been explained to the deponent / executants. He / she has admitted the same to the content. The deponent / executant has signed Register

18 MAR 2024

372 dt 18/3/2024

Registered  
From

The Director  
Mines & Geology, Haryana,  
30 Bays Building, Sector-17, Chandigarh.

To

M/s Krishna Enterprises,  
C-56, TDI City, Panipat,  
Haryana.

Memo No. DMG/HY/Cont/ Kot Block/ PKL B-8 & 9/2017/7038  
Dated Chandigarh, the 16.11.2017

**Subject:** Acceptance of the highest bid in respect of the Boulder, Gravel and Sand minor mineral mine of "Kot Block/PKL B- 8 & 9" having tentative area of 31.59 hectares in the district Panchkula, offered in e-auction held on 11-12.10.2017/ issuance of Letter of Intent (LoI)- regarding.

You participated in the e-auction held on 11-12.10.2017 on the State Government web portal <http://haryanaeprocurement.gov.in> after accepting the terms and conditions of the auction notice issued vide notification no. DMG/HY/e-Auction/PKL/2015/6094 dated 12.09.2017 in order to obtain mining contract of minor mineral mine of the district Panchkula. You offered the highest bid of Rs. 05,18,50,000/- (Rs. Five crore eighteen lacs fifty thousand only) per annum against the Reserve Price of Rs. 05,18,00,000/- for obtaining the Mining Contract of Minor Mineral Mine namely 'Kot Block/ PKL B- 8 & 9' for extraction of Boulder, Gravel and Sand having tentative area of 31.59 hectares. The details of the khasra numbers of the tentative area under above said Mining Block is attached as Annexure 'A'.

2. You are hereby informed that the State Government has accepted the highest bid of Rs. 05,18,50,000/- (Rs. Five crore eighteen lacs fifty thousand only) per annum offered by you in respect of 'Kot Block/ PKL B- 8 & 9' under the provision of Haryana Minor Mineral Concession, Stocking, Transportation of Minerals & Prevention of Illegal Mining Rules, 2012 (State Rules). Accordingly, you have become the successful bidder in respect of 'Kot Block/PKL B- 8 & 9' of the district Panchkula.

3. The State Government having accepted the aforementioned highest bid offered by you, the Department is pleased to issue this Letter of Intent (LoI) in your favour in respect of the Mining Block/area namely 'Kot Block/PKL B-8 & 9' subject to the following terms and conditions:

- (i) The period of the contract shall be 10 years and the same shall commence with effect from the date of grant of Environment Clearance by competent authority or on expiry of a period of 12 months from the date of this communication of acceptance of highest bid/ issuance of Letter of Intent, whichever is earlier;
- (ii) You may note that the detail of the area of the mining block is tentative and was notified on "as is where is basis" (refer condition no. 4 of the auction notice). In case of any inadvertent mistake, if any, the same would be rectified/ corrected before execution of the agreement (refer condition no. 3 of the auction notice);



- (iii) No request regarding reduction in bid amount on account of reduction in land/ area of the Mining block, including due to change in description of khasra numbers/ location etc. at any stage will be entertained of compliance of applicable laws/ restrictions. Needless to state this also includes the changes, if any, as per condition no. 3 of auction notice.
- (iv) The amount of the highest bid i.e. Rs. 05,18,50,000/- (Rs. Five crore eighteen lacs fifty thousand only) per annum shall be the "Annual Contract Money" payable by you as the contractor money in the manner prescribed in the contract agreement to be executed on form MC-1 appended to State Rules.
- (v) The above said annual contract money shall be increased at the rate of 25% on completion of each block of three years. Accordingly, the year-wise amount of the annual contract money shall be as per details given below:

| Sr. No. | Year of the contract Period | Annual Contract Money |
|---------|-----------------------------|-----------------------|
| 1       | First Year                  | Rs. 05,18,50,000/-    |
| 2       | Second Year                 | Rs. 05,18,50,000/-    |
| 3       | Third Year                  | Rs. 05,18,50,000/-    |
| 4       | Fourth Year                 | Rs. 06,48,12,500/-    |
| 5       | Fifth Year                  | Rs. 06,48,12,500/-    |
| 6       | Sixth Year                  | Rs. 06,48,12,500/-    |
| 7       | Seventh Year                | Rs. 08,10,15,625/-    |
| 8       | Eighth Year                 | Rs. 08,10,15,625/-    |
| 9       | Ninth Year                  | Rs. 08,10,15,625/-    |
| 10.     | Tenth Year                  | Rs. 10,12,69,535/-    |

- (vi) As per the terms and conditions of the grant, you are liable to deposit Rs. 01,29,62,500/- i.e. equal of the annual bid amount as "Security deposit" out of which you have already deposited an amount of Rs. 51,85,000/- (Rs. Fifty one lacs eighty five thousand only) i.e. equal to 10% of the annual bid amount as 'initial bid security' after the conclusion of e-auction. The balance amount of Rs. 77,77,500/- of the bid security i.e. 15% of the annual bid amount along with one month's advance contract money shall be deposited before commencement of the mining operations or on expiry of period of 12 months, whichever is earlier.
- (vii) You shall execute an Contract Agreement Deed in Form MC-1 appended to the Haryana Minor Mineral Concession, Stocking, Transportation of Minerals & Prevention of Illegal Mining Rules, 2012 (The State Rules, 2012) within a period of 90 days from the date of issuance of this communication/ grant of LoI.
- (viii) The Contract Agreement executed shall be got duly registered under relevant law with concerned Registering Authority and you shall be liable to pay applicable stamp duty and registration fee etc. as per the applicable rates and as demanded by the Registering Authority/ Revenue Department at the time of Registration.
- (ix) In case you fail to execute the agreement Deed within the prescribed period of 90 days, this LoI shall be deemed to have been revoked and the amount of initial bid security deposited at the time of auction shall be forfeited. Further, the balance amount of 15% towards the bid security, amounting to Rs. 77,77,500/-


being the 15% of the annual bid amount, shall be recovered as arrears of land revenue and, you, as the LoI holder/ defaulter, shall be debarred from participation in any future auctions for a period of 5 years.

- (x) You shall also furnish a solvent surety for a sum equal to the amount of the annual bid for execution of the Agreement. In case the surety offered by the contractor(s) during the subsistence of the contract is not found solvent, the contractor(s) shall offer another solvent surety and a supplementary deed shall be executed to this effect.
- (xi) After execution of Agreement, either before commencement of the mining operations or before expiry of the period of 12 months from the date of issuance of this LoI, whichever is earlier. In case of failure to deposit the balance 15% amount towards security [as required under clause (vi) above] the acceptance of bid/ issuance of LoI/ execution of agreement shall be deemed to have been revoked and 10% amount deposited towards as initial bid security at the time of auction shall stand forfeited. Further, un-paid 15% amount towards security shall be recovered as arrears of land revenue and you shall be debarred from participation in any subsequent bids for a period of 5 years.
- (xii) You shall be liable to deposit the contract money in advance at monthly intervals as per provisions of Contract Agreement i.e. from the date of commencement of the contract period.
- (xiii) You shall also deposit/ pay an additional amount equal to 10% of the due contract money along with the monthly instalments towards the 'Mines and Mineral Development, Restoration and Rehabilitation Fund.
- (xiv) You shall also be liable to pay advance income tax as per provisions of Section 206(c) of income tax act in addition to contract money, payable as per terms and conditions of contract agreement.
- (xv) On enhancement of the contract money with the expiry of every three years period, you shall deposit the balance amount of security so as to upscale the security amount equal to 25% of the revised annual contract money as applicable for one year with respect to the next block of three years. No interest, whatsoever, shall be payable on the security amount deposited under the prescribed security head of the government;
- (xvi) You shall prepare a Mining Plan along with the Mine Closure Plan (Progressive & Final) as per chapter 10 of the State Rules for the "Mining Block" and shall not commence mining operations in any area except in accordance with such Mining Plan duly approved by an officer authorised by the Director, Mines & Geology, in this behalf.
- (xvii) Further, the actual mining will be allowed to be commenced only after prior Environment Clearance is obtained by you as the LoI holder/ Mining contractor for the Mining Block from the Competent Authority as permitted by the competent Authority required under EIA notification dated 14/9/2006, as amended from time to time by the MoE&F, GoI and guidelines/ circulars issued in this behalf;

- (xviii) The Mining Contractor to whom mining rights have been granted through this contract would also be liable to pay the following to the landowners to undertake mining operations:
- (a) Annual rent in respect of the land area blocked under the concession but not being operated, and
  - (b) Rent Plus compensation in respect of the area used for actual mining operations.
- (xix) The amount of annual rent and the compensations shall be settled mutually between the landowner and the mining contractor. In case of non-settlement of the rent and compensation, the same shall be decided by the District Collector concerned in accordance with the provisions contained in Chapter 9 of the "Haryana Minor Mineral Concession, Stocking, Transportation of Minerals & Prevention of Illegal Mining Rules, 2012";
- (xx) The total mineral excavated and stacked by the concession holder within the area granted on mining contract shall not exceed two times of the average monthly production as per approved Mining Plan at any point of time;
- (xxi) The Mining Contractor shall not stock any mineral outside the concession area granted on mining contract, without obtaining a valid licence as per provisions contained in Chapter 14 of the State Rules.
- (xxii) The contractor shall not carry out any mining operations in any reserved/protected forest or any area prohibited by any law in force in India, or prohibited by any authority without obtaining prior permission in writing from such authority or officer authorized in this behalf. In case of refusal of permission by such authority or officer authorised in this behalf, contractor(s) shall not be entitled to claim any relief in payment of contract money on this account;
- (xxiii) Following are the general/ special conditions applicable for excavation of minor mineral(s) from river beds in order to ensure safety of river-beds, structures and the adjoining areas:
- (a) No mining would be permissible in a river-bed up to a distance of five times of the span of a bridge structure on up-stream side and ten time the span of such bridge structure on down-stream side, subject to a minimum of 250 meters on the up-stream side and 500 meters on the down-stream side;
  - (b) There shall be maintained an un-mined block of 50 meters width after every block of 1000 meters over which mining is undertaken or at such distance as may be directed by the Director or any officer authorised by him;
  - (c) The maximum depth of mining in the river-bed shall not exceed three meters from the un-mined bed level at any point in time with proper bench formation;
  - (d) Mining shall be restricted within the central 3/4<sup>th</sup> width of the river/ rivulet;
  - (e) No mining shall be permissible in an area upto a width of 500 meters from the active edges of embankments in case of river Yamuna, 250 meters in case of Tangri, Markanda and Ghaggar and 100 meters on either side of all

other rivers/ rivulets. (this clause is applicable for mining outside river bed area);

- (f) Any other condition(s), as may be required by the Irrigation Department of the state from time to time for river-bed mining in consultation with the Mines & Geology Department, may be made applicable to the mining operations in river-beds.
- (xxiv) A safety margin of two meters (2m) shall be maintained above the ground water table while undertaking mining and no mining operations shall be permissible below this level unless a specific permission is obtained from the competent authority in this behalf. Further, the depth of excavation of mineral shall not exceed nine meters (9m) at any point of time. (This clause is applicable for mining outside river bed area);
- (xxv) The contractor shall not undertake any mining operation in the area granted on mining contract without obtaining requisite permission from the competent authority as required for undertaking mining operations under relevant laws;
- (xxvi) The contractor shall be under obligation to carry out mining in accordance with all other provisions as applicable under the Mines Act, 1952, Mines and Minerals (Development and Regulation) Act, 1957, Indian Explosive Act, 1884, Forest (Conservation) Act, 1980 and Environment (Protection) Act, 1986 and the rules made thereunder, Wild life (Protection) Act, 1972, Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981;
4. Accordingly, you are advised to submit the Draft Contract Agreement along with other requisite documents including a solvent surety(s) for a sum equal to the amount of the annual bid for execution of the agreement, within a period of 90 days from the date of issue of this bid acceptance letter and the Lol.

  
Mining Engineer  
For Director, Mines & Geology  
Haryana.

Endst. No. DMG/HY/Cont/ Kot Block/ PKL B-8 & 9/2017/

Dated

A copy is forwarded to the following for information and necessary action please:-

1. The Chairman, Haryana State Pollution Control Board, Panchkula.
2. The Deputy Commissioner, Panchkula.
3. The Mining Officer, Mines & Geology Department, Panchkula. He is directed to ensure that proper and complete 'Draft Contract Agreement Documents' as required are submitted within stipulated period.

True Copy

- sd.  
Mining Engineer  
For Director, Mines & Geology  
Haryana.

| Sr. No. | Name of Block No.     | Name of village | Details of Khasra Nos./Killa No.  | Area (In Hect.) | Period (In Years) |
|---------|-----------------------|-----------------|---|-----------------|-------------------|
| 1       | Kot Block/PKL B 8 & 9 | Kot             | 120 min, 123 min, 124 min   | 31.59           | 10                |
|         |                       | Dabkori         | 32//22/1,<br>33/15, 16/2, 25<br>34//1, 2, 9/2 min<br>10/1 min, 11/1 min |                 |                   |



ENVIRONMENTAL  
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)

Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), HARYANA)

To,

The owner  
AMANDEEP SINGH  
Flat No. 504, G H 04, Sector 27, Panchkula, Haryana -134116

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/HR/MIN/409474/2022 dated 06 Dec 2022. The particulars of the environmental clearance granted to the project are as below.

- |  |  |
|--|--|
| 1. EC Identification No.                   | EC23B001HR178451                                       |
| 2. File No.                                | SEIAA/HR/2022/280                                      |
| 3. Project Type                            | New  |
| 4. Category                                | B  |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals                                |
| 6. Name of Project                         | River Bed Material (Gravel & sand) Kot Block/PKL B-8&9 |
| 7. Name of Company/Organization            | AMANDEEP SINGH   |
| 8. Location of Project                     | HARYANA  |
| 9. TOR Date                                | N/A  |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 13/02/2023

(e-signed)  
Pardeep Kumar, IAS  
Member Secretary  
SEIAA - (HARYANA)

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

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True Copy



सत्यमेव जयते

77  
आज़ादी का  
अमृत महोत्सव



हरियाणा सरकार

State Environment Impact Assessment Authority, Haryana,  
Bays No.55-58, Prayatan Bhawan, Sector-2 Panchkula.

Tel: 0172-2565232, 4043956

E-mail Id: [seiaa-21.env@hry.gov.in](mailto:seiaa-21.env@hry.gov.in)

**Subject: Environment Clearance for Proposed River Bed Mining Project at Kot Block/PKL B- 8 & 9 near Village- Kot & Dabkori, District Panchkula, Haryana by M/s Krishna Enterprises.**

1. This has reference to your Proposal No. SIA/HR/MIN/409474/2022 dated 06.12.2022 and subsequent letter dated 20.12.2022, 21.12.2022, 22.12.2022 & 23.12.2022 for obtaining Environmental Clearance under category 1(a) of EIA Notification dated 14.09.2006 along with submission of due Scrutiny fee of ₹ 1,50,000/- vide DD No. 991973 dated 29.11.2022 (in compliance of Haryana Government, Environment & Climate Change, Department Notification No. DE&CCH/3060 dated 14.10.2021). The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, Pre-feasibility Report, Approved Mining Plan, Replenishment Study Report, District Survey Report, Public Hearing/ Consultation, EIA/EMP on the basis of approved TOR dated 28.03.2018 Granted by MOEF & CC, GOI and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MoEF& CC, GoI vide their Notification dated 21.02.2022, in its meeting held on 20.12.2022.
2. It is inter-alia, noted that the project involves the EC for River Bed Mining Project at Kot Block/ PKL B- 8 & 9 near Village- Kot & Dabkori, District Panchkula, Haryana.
3. The details of project are as under:

**Table 1 – Basic Detail**

| Sr. No. | Particulars  | Proposed Details                                      |
|---------|--|---|
| 1.      | Online Proposal no   | SIA/HR/MIN/409474/2022                                |
| 2.      | Category/Item no. (In Schedule)                            | 1(a) Mining of Minerals (Non-Coal Mining) Category B1 |
| 3.      | Area of Project  | Lease area 31.59 ha; <u>Mineable Area: 14.84 ha</u>   |
| 4.      | Date of LOI Granted by Mines & Geology Department, Haryana | 16.11.2017  |
| 5.      | Date of Approval of TOR by MoEF&CC                         | 17.12.2018  |

|    |  |   |   |                                |
|----|--|---|---|--------------------------------|
| 6  | Date of Approval of Mine Plan Granted by Mines & Geology Department, Haryana | 22.08.2022  |   |                                |
| 7  | Location of Project  | Village Kot and Dabkori   |   |                                |
| 8  | Project Details Khasra No.   | Village Kot- 120min,123 min,124 min<br>Village Dabkori<br>32//22/1,33/15/16/2,25,34//1,2,9/2min,10/1min,11/1 min) |   |                                |
| 9  | Project Cost   | Rs 8.17 Crores ( Expenditure done till now)   |   |                                |
| 10 | Water Requirement  | <b>Activity</b>   | <b>Calculation</b>  | <b>Round off Figure in KLD</b> |
|    |  | Drinking  | @ 30 lpcd per labor<br>30 lt*54/1000=1.62<br>KLD  | 1.62                           |
|    |  | Dust Suppression  | Total approach road to be water sprinkled =<br>600 m<br>2330 m*6m*0.5 *2 times/<br>1000= 14 KLD                                   | 3.60                           |
|    |  | Plantation  | 10.500 plant (during plan period) 2,100/year<br>@ 2 L/per plant=<br>2100*2.0 lt<br>(1 lt twice a day) =<br>4200/<br>1000= 6.2 KLD | 4.2                            |
|    |  | <b>Total</b>  |   | <b>9.42or 10 KLD</b>           |
| 11 | Environment Management Plan  | INR 20.40Lakhs (Capital Cost)<br>INR 6.78 Lakhs (Recurring Cost)  |   |                                |
| 12 | CER Budget   | 7.5 Lakhs   |   |                                |
| 13 | Production   | Sand Boulder and Gravel   |   |                                |
| 14 | Production Capacity  | 2,96,000 TPA  |   |                                |
| 15 | Corner Coordinates   | <b>Name</b>   | <b>Latitude</b>   | <b>Longitude</b>               |
|    |  | A   | N 30° 38' 14"   | E 76° 56' 42"                  |
|    |  | B   | N 30° 38' 18"   | E 76° 56' 43.6"                |
|    |  | C   | N 30° 38' 18"   | E 76° 56' 48.5"                |
|    |  | D   | N 30° 38' 19"   | E 76° 56' 49.7"                |
|    |  | E   | N 30° 38' 24.5"   | E 76° 56' 51"                  |
|    |  | F   | N 30° 38' 36"   | E 76° 56' 58.3"                |
|    |  | G   | N 30° 38' 46"   | E 76° 57' 05"                  |
|    |  | H   | N 30° 38' 48"   | E 76° 57' 4.3"                 |
|    |  | I   | N 30° 38' 50"   | E 76° 57' 4.3"                 |
|    |  | J   | N 30° 38' 54"   | E 76° 57' 6.3"                 |
|    |  | K   | N 30° 39' 00"   | E 76° 57' 6.1"                 |
|    |  | L   | N 30° 39' 06"   | E 76° 57' 2.5"                 |
|    |  | M   | N 30° 39' 08"   | E 76° 57' 3.4"                 |
|    |  | N   | N 30° 39' 10"   | E 76° 57' 00"                  |
| O  | N 30° 39' 16.5"  | E 76° 57' 0.6"  |   |                                |



|    |                                     |   |   |  |   |       |
|----|-------------------------------------|---|---|--|---|-------|
|    |                                     | P   | N 30° 39' 17"   | E 76° 56' 57.1"  |   |       |
|    |                                     | Q   | N 30° 39' 31.2"   | E 76° 56' 55.5"  |   |       |
|    |                                     | R   | N 30° 39' 30"   | E 76° 56' 58"  |   |       |
|    |                                     | S   | N 30° 39' 40"   | E 76° 56' 58"  |   |       |
|    |                                     | T   | N 30° 39' 40"   | E 76° 57' 03"  |   |       |
|    |                                     | U   | N 30° 39' 30"   | E 76° 57' 2.8"   |   |       |
|    |                                     | V   | N 30° 39' 17"   | E 76° 57' 1.7"   |   |       |
|    |                                     | W   | N 30° 39' 06"   | E 76° 57' 5.4"   |   |       |
|    |                                     | X   | N 30° 39' 02"   | E 76° 57' 8.2"   |   |       |
|    |                                     | Y   | N 30° 38' 54"   | E 76° 57' 8.2"   |   |       |
|    |                                     | Z   | N 30° 38' 48"   | E 76° 57' 5.8"   |   |       |
|    |                                     | 2   | N 30° 38' 46"   | E 76° 57' 9.4"   |   |       |
|    |                                     | A2  | N 30° 38' 42"   | E 76° 57' 5.8"   |   |       |
|    |                                     | B2  | N 30° 38' 42"   | E 76° 57' 59.2"  |   |       |
|    |                                     | C2  | N 30° 38' 32"   | E 76° 56' 59.2"  |   |       |
|    |                                     | D2  | N 30° 38' 23"   | E 76° 57' 49.4"  |   |       |
|    |                                     | E2  | N 30° 38' 14"   | E 76° 57' 21.3"  |   |       |
|    |                                     | P1  | N 30° 38' 14"   | E 76° 57' 20.4"  |   |       |
|    |                                     | P2  | N 30° 38' 23.5"   | E 76° 57' 23.8"  |   |       |
|    |                                     | P3  | N 30° 38' 28"   | E 76° 57' 20.8"  |   |       |
|    |                                     | P4  | N 30° 38' 34"   | E 76° 57' 22.5"  |   |       |
|    |                                     | P5  | N 30° 38' 38"   | E 76° 57' 23"  |   |       |
|    |                                     | P6  | N 30° 38' 46"   | E 76° 57' 31"  |   |       |
|    |                                     | P7  | N 30° 39' 03"   | E 76° 57' 35"  |   |       |
|    |                                     | P8  | N 30° 39' 05"   | E 76° 57' 38.5"  |   |       |
|    |                                     | P9  | N 30° 39' 08"   | E 76° 57' 38.2"  |   |       |
|    |                                     | P10   | N 30° 39' 10"   | E 76° 57' 33"  |   |       |
|    |                                     | P11   | N 30° 39' 10"   | E 76° 57' 42.2"  |   |       |
|    |                                     | P12   | N 30° 39' 03"   | E 76° 57' 39.8"  |   |       |
|    |                                     | P13   | N 30° 39' 2.2"  | E 76° 57' 37.4"  |   |       |
|    |                                     | P14   | N 30° 39' 2.2"  | E 76° 57' 32"  |   |       |
|    |                                     | P15   | N 30° 38' 50"   | E 76° 57' 25.9"  |   |       |
|    |                                     | P16   | N 30° 38' 44"   | E 76° 57' 27.5"  |   |       |
|    |                                     | P17   | N 30° 38' 38"   | E 76° 57' 27.5"  |   |       |
|    |                                     | P18   | N 30° 38' 36"   | E 76° 57' 25"  |   |       |
|    |                                     | P19   | N 30° 38' 30"   | E 76° 57' 27.5"  |   |       |
|    |                                     | P20   | N 30° 38' 24"   | E 76° 57' 22.5"  |   |       |
|    |                                     | P21   | N 30° 38' 20"   | E 76° 57' 23.9"  |   |       |
| 16 | Green Belt Plantation               | 3 ha :10,500 plants                                   |   |  |   |       |
| 17 | Machinery Required                  | Scrappers, Excavators, Water Tankers & Trucks/Tippers |   |  |   |       |
| 18 | Incremental Load with respect of PM | Receptor  | Backgro und Maximum Concentration (µg/m <sup>3</sup> ) PM10 | Total* Incremental Concentration (µg/m <sup>3</sup> ) PM10 | Result ant Concentration (µg/m <sup>3</sup> ) | Limit |
|    |                                     | Mine site   | 80.21   | 3.32   | 83.53   | 100   |
|    |                                     | Nadah Village   | 72.21   | 0.05   | 72.26   | 100   |
|    |                                     | Ramgarh   | 78.52   | 0.04   | 78.56   | 100   |

|    |                   |  |       |      |       |     |
|----|-------------------|--|-------|------|-------|-----|
|    |                   | Raipur Rani  | 86.81 | 0.01 | 86.82 | 100 |
|    |                   | Sukhdars hanpur  | 82.50 | 0.07 | 82.57 | 100 |
|    |                   | Alipur   | 77.52 | 0.06 | 77.58 | 100 |
|    |                   | Kot  | 76.85 | 0.06 | 76.91 | 100 |
|    |                   | Mine site  | 80.21 | 3.32 | 83.53 | 100 |
| 19 | Power Requirement | Electric connection will be taken for office and security purpose from Electricity Board |       |      |       |     |
| 20 | Power back        | DG set   |       |      |       |     |

• Details of Site Elevation

| Lowest Elevation (mRL) | Highest Elevation | Working Depth (in meters) | Ground water table |
|------------------------|-------------------|---------------------------|--------------------|
| 326.10                 | 368.50            | 1m                        | 8-10 Bgl           |

• Geological Reserves

| Lease area in Ha. | Total Proved geological reserve MT = Area * depth * BD (A) | Blocked area of 50m strip after each km, 25% blocked in river banks, lease boundary etc = ha. | Blocked Geological reserve MT (B) | Available Mineable reserves MT (A-B) |
|-------------------|--|---|-----------------------------------|--------------------------------------|
| 31.59             | 18,95,000  | 16.75   | 10,05,000                         | 8,90,400                             |

• Five years proposed Production details ( Tons /Anum)

| Production from River Bed |           |          |
|---------------------------|-----------|----------|
| Year                      | Trips/Day | MTPA     |
| I                         | 44        | 2,96,000 |
| II                        | 44        | 2,96,000 |
| III                       | 44        | 2,96,000 |
| IV                        | 44        | 2,96,000 |
| V                         | 44        | 2,96,000 |

• List of Machinery

As allowable / permitted in the approved Mining Plan & as per Sand Mining Guidelines -2020 issued by Ministry of Environment Forest & Climate Change, Government of India.

• Manpower Details

| S no. | Category               | Numbers |
|-------|------------------------|---------|
| 1     | Manager                | 1       |
| 2     | Assistant Manager      | 1       |
| 3     | Skilled Personnel      | 10      |
| 4     | Semi Skilled Personnel | 35      |

|       |           |    |
|-------|-----------|----|
| 5     | Unskilled | 05 |
| Total |           | 52 |

#### Details of Mining

| S. No | Particulars            | Details                   |
|-------|------------------------|---------------------------|
| 1     | Method Of Mining       | Open Cast Semi-Mechanized |
| 2     | Geological Reserves    | 18,95,000                 |
| 3     | Mineable Reserves      | 10,05,000                 |
| 4     | Proposed Production    | 2,96,000 TPA              |
| 5     | Elevation at Mine Site | 368.50 to 326.10 AMSL     |
| 6     | Bench Height           | 1 M                       |
| 7     | Bench width (average)  | 20 Meters                 |

#### Land use pattern

| S. No.           | Type of Land use  | Present Land use (Ha.) | At the end of 5 <sup>th</sup> Year (ha.) |
|------------------|---|------------------------|--|
| 1                | Pit Area  | 0.00                   | 0.00                                     |
| 2                | Dump Area   | 0.00                   | 0.00                                     |
| 3                | Safety Zone   | 16.75                  | 16.75                                    |
| 4                | Infrastructure (Office, Temp. shelter etc) in restricted zone | 0.00                   | 0.00                                     |
| 5                | Mineral Storage   | 0.00                   | 0.00                                     |
| 6                | Plantation  | 0.00                   | 0.00                                     |
| 7                | Un-worked   | 14.84                  | 0.00                                     |
| 8                | Naturally reclaimed area                                      | -                      | 14.84                                    |
| Total lease area |   | 31.59                  | 31.59                                    |

#### EMP

| Sl. No. | Measures   | Capital Cost (In Rs.) | Recurring Cost (In Rs.) |                      |                      |                      |                      |
|---------|--|-----------------------|-------------------------|----------------------|----------------------|----------------------|----------------------|
|         |  |                       | 1 <sup>st</sup> year    | 2 <sup>nd</sup> year | 3 <sup>rd</sup> year | 4 <sup>th</sup> year | 5 <sup>th</sup> year |
| 1.      | Pollution Control Dust Suppression /Water Sprinkling | 8,91,000              | 1,00,000                | 1,00,000             | 1,00,000             | 1,00,000             | 1,00,000             |
| 2.      | Baseline Monitoring                                  | --                    | 1,48,000                | 1,48,000             | 1,48,000             | 1,48,000             | 1,48,000             |
| 3.      | Green belt development                               | 9,80,000              | 2,40,000                | 2,40,000             | 2,40,000             | 2,40,000             | 2,40,000             |
| 4.      | Maintenance of haul road                             | 9,10,000              | 1,60,000                | 1,60,000             | 1,60,000             | 1,60,000             | 1,60,000             |
| 5.      | RWH pits (3 pits) @ Rs. 50,000/pit                   | 1,50,000              | 30,000                  | 30,000               | 30,000               | 30,000               | 30,000               |
| Total   |  | 33,92,500             | 20,40,000               | 6,78,000             | 6,78,000             | 6,78,000             | 6,78,000             |

#### Social Part of EMP

| Sl. No. | Activity  | Budget allocated (in Rs.)/year |
|---------|---|--------------------------------|
| 1       | Drinking Water Facility in Schools, Panchayat at village Kot. | 1,00,000                       |

|              |  |                 |
|--------------|--|-----------------|
| 2.           | Awareness campaign to be carried out any various environmental issues (3 camp)<br>@Rs. 50,000/- camp             | 1,50,000        |
| 3.           | Financial aid for medical camp in Kot & Dabkori village (4 camp, 2 per village)<br>@ Rs. 50,000/- camp in a year | 2,00,000        |
| 4.           | Rain water harvesting at the panchayat office & other building structure.  | 3,00,000        |
| <b>TOTAL</b> |  | <b>7,50,000</b> |

**Status of Statutory Clearances along with Timeline**

| S. No. | Statutory Clearances  | Letter no./date  | Status   |
|--------|---|--|----------|
| 1      | LOI by the Department of Mines and Geology, Haryana                           | Vide memo no - DMG/HY/Cont./Kot Block/PKLB- 8&9/2017/7038, dated 16.11.2017    | Approved |
| 2      | Mining Plan   | Vide letter no- DMG/HY /MP/Kot Block PKL B-8&9/2022/5293-5297 dated 22.08.2022 | Approved |
| 3      | Forest NOC, Panchkula, Haryana  | Vide letter no- 3150 dated 22.06.2018  | Approved |
| 4      | DFO NOC, Chief wildlife warden, Panchkula, Haryana                            | Vide letter no- 5079 dated 05.03.2018  | Approved |
| 5      | 500 cluster certificate Mining Officer, Mines & Geology Department, Panchkula | Vide memo no- 4125 dated 28.03.2018  | Approved |

4. In view of the recommendations made by State Expert Appraisal Committee (SEAC) in the said case and further consideration of the documents/details submitted by the Project Proponent; the Authority after discussions decided during 152<sup>nd</sup> Meeting held on 24.01.2023 to **"GRANT ENVIRONMENT CLEARANCE" TO THE PROJECT, for one year for extraction of Gravel and Sand upto the depth of 1 meter under Category I(a) within the scope & meaning of EIA Notification dated 14.09.2006,** subject to the conditions listed below.

5. **PP is required to submit an Affidavit that "no case(s) is/are pending before any Court relating to the allotment & operation of the said project within 30 days, positively, from the date of Grant of Environment Clearance. Failure to comply with the same will lead to withdrawal of Environment Clearance Granted to the Project":-:**

**A: Specific Conditions:-**

1. **The Mining Lease Holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.**
2. The PP shall get the Wild life Conservation Plan approved before the start of Mining Operations.
3. The PP shall construct the pucca link roads connected to the main road at the mining site before the start of mining.
4. The PP shall construct the Haul roads of width 10 meters.

- 5. The PP shall submit the approved Conservation Plan from the Competent Authority before the start of the project.
- 6. The PP shall provide only one exit and one entry to the Mining Project area and all the mining shall be dispatched through E-billing.
- 7. The PP shall maintain an un-mined block of 50 meters width after every block of 1000 meters over which mining is undertaken or at such distance as may be directed by the Director or any officer authorized by him.
- 8. The PP shall restrict mining within the central 3/4<sup>th</sup> width of the river/rivulet.
- 9. The PP shall not permit any mining in an area up to width of 500 meters from the active edges of embankments in case of River Yamuna, 250 mtrs. in case of Tangri, Markanda and Ghaggar and 100 mtrs. on either side of all other rivers/rivulets.
- 10. The PP shall develop 03 hac. of community area in the nearby village as green belt in consultation with local people and other stake holders to meet with the demand of public hearing.
- 11. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
- 12. The PP shall maintain the garland drains in the project area and catchment area for preserving overburden and dump mining.
- 13. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms. radius of the project is maintained and improved upon after the implementation of the project.
- 14.

The PP shall not carry out the mining beyond 1 meter depth in the project area as the replenishment study is not carried out.

- 15. The PP shall submit the scientific grid based/ drone based replenishment study for the project site in the river bed within 1 year after the start of the mining at the project site, for further extension of time period as per approved mining plan of the project.
- 16. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
- 17. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- 18. The PP shall take precautions to suppress the dust in and around the mining site. The PP shall use mixed cannon water sprinkle for dust suppression instead of conventional sprinkles for efficient dust suppression.
- 19. The PP shall also provide the Anti smog gun mounted on truck in the project for suppression of dust and shall use the treated water, if feasible.
- 20. The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.
- 21. The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
- 22. The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
- 23. Action plan for the public hearing issues shall be complied in letter and spirit.
- 24. The Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.

- 25. The Project proponent shall comply all the measures, conditions suggested in the approved mining plan with post closure mine plan, Environmental Management Plan (EMP) in a letter and spirit.
- 26. Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
- 27. **That the PP shall strictly follow the Sand Mining Guidelines -2020 issued by Ministry of Environment Forest & Climate Change; as applicable and NGT directions from time to time**
- 28. **That PP shall strictly adhere to the Terms and Conditions of Mining Plan and other conditions as may be issued by the competent Authorities from time to time.**
- 29. That no mining activity is being carried out at the stated block & further mining will not give rise to cluster mining;
- 30. That No intention to 'expand the' mining activity beyond the stated/ approved area;
- 31. That sprinkler would be deployed to curb fugitive emission by using treated water;
- 32. That water trough would be provided for incoming/ outgoing water to wash the wheels;
- 33. That no natural water course/ water body would be obstructed due to any mining activity or due to the dumping of the material and will not stack any mineral outside the concession area granted on mining contract without obtaining a valid mineral dealer license;
- 34. That Total mineral excavated & stacked will not exceed 2 times of the average monthly production as per approved mining plan at any point of time;
- 35. That no mining operations would be carried out in any reserved/protected forest or any area prohibited by any law force in India or by any authority without obtaining prior permission;
- 36. That No mining operation in urbanizable zone of area;
- 37. That No mining activity would be carried out in the river bed to a distance of 5 times of the span of bridge on up-stream side & 10 times the span on down-stream side;
- 38. The PP shall maintain an un-mined block of 50 meters width after every block of 1000 meters over which mining is undertaken or at such distance as may be directed by the Director or any officer authorized by him.
- 39. **That Maximum depth of mining will not exceed 1 meters from the un-mined bed level at any point in time;**
- 40. That the PP shall restrict mining within the central 3/4<sup>th</sup> width of the river/rivulet
- 41. That No mining would be carried out outside the sanctioned block;
- 42. That Mining would be carried out keeping a safety margin of 2 meters above ground water table.

**B: Statutory Compliance:-**

- 1. This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
- 2. The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2<sup>nd</sup> August,2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Others before commencing the mining operations.

3. The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
4. This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.
5. This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.
6. Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish/Consent to Operate from the concerned State Pollution Control Board/Committee.
7. The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS), Mines & Geology Department, Haryana and Indian Bureau of Mines from time to time.. Also adhere to Haryana Minor Mineral Concession, Stocking, Transportation of Minerals and Prevention of Illegal Mining Rules, 2012.
8. The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it.
9. The Project Proponent shall follow the mitigation measures provided in MoEF&CC Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
10. The Project Proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project.
11. A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
12. State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
13. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEF&CC Regional Office for compliance and record.
- 14.

The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the Para 11 of EIA Notification, 2006 as amended from time to time.

#### I. Air Quality Monitoring and Preservation

1. The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatologically data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>2</sub>, CO and SO<sub>2</sub> etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/T, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
2. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM<sub>10</sub> and PM<sub>2.5</sub> are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF&CC/Central Pollution Control Board.

## II. Water Quality Monitoring and Preservation

1. In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEF&CC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
2. Regular monitoring of the flow rate of the springs and perennial Nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
3. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezometer installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
4. The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial Nallahs existing/ flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring



w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEF&CC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

5. Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination, in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
6. Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEF &CC annually.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
8. The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF& CC and State Pollution Control Board/Committee.

### III. Noise and Vibration Monitoring and Prevention

1. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
2. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day/night hours.
3. The Project Proponent shall take measures for control of noise levels below 85 dba in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.

### IV. Mining Plan