

The 366<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 30<sup>th</sup> April, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Shri Prashant Srivastava, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Dr. Rubina Chaudhary, Member

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. **Case No. - 5812/2019 Mrs. Meena Devi Agarwal, "The Agarwal Corporate House", 1, Sanjana Park, Adjoining Agarwal Public School, Bicholi Mardana Road, Indore, (M.P.) - 452016. SIA/MP/NCP/30156/2017. Prior Environment Clearance for Construction of Affordable Housing Scheme "Sanjana Park II" (Total Plot Area = 26690 sqm., Total Built-up Area = 52025 sqm) at Khasra no 478/4/1, to 478/9 & 474, Village - Rau, Tehsil - Indore & Dist. Indore, (M.P.) Cat. - 8(a) Building and Construction Projects. EIA Presentation. Env. Con. – Green India Consulting Private Limited.**

This is case of Prior Environment Clearance for Construction of Affordable Housing Scheme "Sanjana Park II" (Total Plot Area = 26690 sqm., Total Built-up Area = 52025 sqm) at Khasra no 478/4/1, to 478/9 & 474, Village - Rau, Tehsil - Indore & Dist. Indore, (M.P.) Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

ToR letter issued by MoEF & CC, New Delhi vide letter no. F. No. 23-28/2016-IA-III dated 12th March 2018

This case was scheduled for the appraisal of EIA submitted by PP in 339<sup>th</sup> SEAC meeting dated 29/01/2019. However, PP vide mail dated 22/01/2019 has requested to remain absent as due to unavoidable circumstances. Committee considering the request of PP decided to call him in subsequent meetings of SEAC.

The case was again scheduled for EIA presentation in 344<sup>th</sup> SEAC meeting dated 20/02/2019, wherein neither the Project Proponent (PP) nor his representative was present

to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 339<sup>th</sup> SEAC meeting dated 29/01/2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for the presentation in 351<sup>st</sup> SEAC meeting dated 16/03/2019 but PP vide letter dated 15/ 03/ 2019 has requested that due to unavoidable circumstances, they are unable to come for presentation and be given another chance. Committee after deliberations decided that considering the request of PP, one more chance (last chance) may be given to PP for presentation in the upcoming meetings of SEAC.

PP has submitted the EIA report vide letter dated 28/12/2018 which was forwarded through SEIAA vide letter no. 1944 dated 05/01/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion with its remediation plan and the natural and community resource augmentation plan, wherein PP submits following project details:

### **The Chronology of the project:**

- Construction of residential township Sanjana Park-II under affordable housing schemes with a total built up area of 52025 sqm in total plot area of 26690 sqm at village Rau, District Indore (MP) by M/s Meena Devi Agrawal.
- The master plan was approved by “Nagar Parisad, Indore”. But without seeking environmental Clearance and hence become a violation project.
- The project falls under Item 8(a) and the category of the project is B as per EIA Notification, 2006.
- The total built-up area of the project is 52,025 m<sup>2</sup>, out of which construction work of 10,450 m<sup>2</sup> has already been done.
- The construction work was stopped immediately when the proponent got aware that the project required environmental clearance after which an application was made to MP-SEIAA, under case no. 06219 dated 2nd November, 2015 for obtaining environmental clearance.

- The MP-SEIAA rejected the application on 29th October, 2016 and declared the project as violation, as per the EIA Notification 2006 and directed to refer the matter to MoEF&CC for Environmental Clearance.
- MoEF&CC issued notification vide S.O.804 (E) dated 14th March, 2017 for violation cases. The project was then considered under violation category. As per the said notification; the proponent applied under the violation window on 4th May, 2017.
- The application of ToR was presented before Expert Appraisal Committee on 31st January, 2018.
- The ToR was granted by the MoEF&CC via F. No. 23-28/2018-IA-III dated 12th March, 2018.
- With reference to the office memorandum dated 15th March 2018 in regard to the appraisal of the violation cases stating „All the proposals of category `B' projects/activities pertaining to different sectors, received within six months only i.e. up to 13th September, 2017 on the Ministry's portal, but yet not considered by the EAC in the Ministry, shall be transferred online to the SEAC/SEIAAs in the respective States/UTs, the case was transferred to MP SEIAA via F. No.Z-11013/22/2017-IA.II (M).
- Baseline monitoring was done from March to May 2018.
- As the project fall under category 8 (a) (i.e. all Building /Construction projects/Area Development projects and Townships). Therefore this project is exempted from Public hearing as per EIA Notification, 2006.

### **The Executive Summary of this project:**

Mrs. Meena Devi Agarwal w/o Sanjay Agarwal proposed to develop a residential township named “Sanjana Park-II” at Rau village with the aim to create homes with a distinct character and soul. The site has now been earmarked for residential development as per Master Plan of Indore. Project land parcel is 26,690.0 m<sup>2</sup> (2.7 Hectares) and total built up of 52,025 m<sup>2</sup>. Out of 52,025 m<sup>2</sup> of built-up area, 10,450 m<sup>2</sup> has been already constructed. The constructed area involves “B” Block and 6 Row Houses.

The total units to be developed are 580, out of which 84 units has already been constructed.

The case was submitted to MP-SEIAA under application no. 06219 dated 02-11-2015. During deliberations, the Committee declared it a violation case as per EIA Notification, 2006 and directed to refer the matter to MoEF&CC for Environmental Clearance as at that time violation cases were kept in abeyance till a decision was made. After the MoEF&CC published the notification for violation cases on 14<sup>th</sup> March, 2017, application under the violation window was submitted on 4<sup>th</sup> May, 2017.

The project site lies between latitude 22°38'13.10"N to 22°38'14.97"N and longitude 75°48'11.63"E to 75°48'16.84"E. The project site has a flat topography and elevation ranges from 98.31 m to 103.50 m above Mean Sea Level. The slope is from North to South.

The Sanjana Park-II - Residential Project is 11 km from Indore Railway Station and 10 km from Devi Ahilyabai Holkar Airport in North direction. NH-3 is 1.0 km away from project site in SE direction.

The estimated electrical load during construction phase will be 40 KW and while the peak load during operation phase is estimated to be 1565 KW. The power shall be supplied by MP State Electricity Board. There is a provision of one DG set having 200 kVA capacities for providing power back up at the time of power failure.

The total water requirement during construction phase will be 84.29 KLD of which fresh water requirement is 1.44 KLD. The water will be supplied from authorized tankers. The water requirement during operation phase is 305 KLD which involves 147 KLD fresh water and 158 KLD treated water.

The total wastewater generation during construction phase will be 1.27 KLD from domestic activities. Overall 231.16 KLD of waste water will generated during the operation phase

The wastewater from the project operation shall be treated in a sewage treatment plant of 300 KL capacity based on MBBR technology.

The municipal solid waste generation during the construction phase at Project site was 4 kg/day (considering 20labours). The maximum quantity of municipal solid waste

generated during operation phases is estimated to be 950 kg/day including biodegradable and non-biodegradable waste. The biodegradable and inert non-biodegradable waste will be collected by Rau Nagar Parishad. The recyclable non-biodegradable waste will be sold to authorized recycler.

The total Green area to be developed will be 1316.6sq.m. Only the native species of trees and shrubs will be planted as part of green belt and landscape area.

The proponent has taken various energy conservation measures which include:

- Installation of Solar panel of 50kW capacity on the Roof Top of “B” Block.
  - PVC insulated copper conductor cable will be used for wiring purpose.
  - LED lamps and low loss blasts shall be planned for Energy conservation.
  - Lighting and switching shall be designed by keeping in mind day light integration.
  - Roof insulation shall be planned to conserve energy.
  - Capacitor banks shall be planned for improving the power factor of the power supply.
  - Solar powered street lights shall be used to conserve energy.
- The total cost of the project is Rs 8562 Lacs.

During presentation it was submitted by PP that till date 84 flats have been constructed and out of which possessions of 54 flates has been given and are occupied by respective owners. PP further submitted that there is no construction since 2015. After presentation and discussions it was observed by the committee that the remediation plan and natural community resource augmentation plan submitted by PP needs to be revised as follows:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
  - i. The area is developed as per the approved master plan.
  - ii. No tree cutting was carried out during execution of this project.

- iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
  - iv. No issue pertaining to R&R and land ownership is pending.
  - v. No GW was extracted during construction & operation of project.
  - vi. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
  - vii. Entire top soil was used for plantation & land scope development and no top soil was wasted.
  - viii. No DG sets were used during construction phase along with electricity bills.
3. Utilization- wise Land Use details as per approved T& CP approved layout.
  4. Proposed Energy conservation plan.
  5. Proposal for second entry.
  6. Copies of fire, CGWB and other NOC are obtained by PP.
  7. Map showing natural drainage all around the site.
  8. Revised CER and it should be proportionate with the project cost as per O.M dated 01/05/2018.
  9. CA audited report of all these expenditure made.
  10. Records of occupational health check-up during construction shall be provided.
  11. RWH details in separate sheet shall be submitted.
  12. Inventory of trees with species and number that have been planted till date with photographs.
  13. Justification for no remedial plan for air and noise during construction phase.
  14. Proposal for solar power in the project.
  15. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
  16. STP's status with photographic proofs.
  17. Photographs of the first-aid facility, lightning arrester at site during construction phase.
2. **Case No. – 5678/2018 Shri Shrikanmt Pandey, R/o Gandigram, Sihora, Jabalpur, MP – 482001 Prior Environment Clearance for Laterite, Iron Ore and Manganese Mine in an area of 4.00 Ha. (Laterite – 96,415 ton per annum, Iron Ore – 12,265 ton per annum) (Khasra no. 148) at Village- Hirdengar, Tehsil - Sihora, Dist. Jabalpur (MP).**

This is case of Laterite, Iron Ore and Manganese Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 148) at Village-Hirdengar, Tehsil - Sihora, Dist. Jabalpur (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 315<sup>th</sup> SEAC meeting dated 18/06/2018, where PP and consultant were present, and during discussion and persuals of the documents it was observed by the committee that this is the case of violation as PP has already done production without obtaining the prior environmental clearance in terms of the provisions of the EIA Notification, 2006 and thus identified to be in violation of the same.

Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC under following specific conditions for conducting the EIA along with following additional TOR's and as annexed as Annexure-D :-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Hydro geological studies should be carried out and be discussed in the EIA report.
5. Detailed plantation scheme with budgetary allocations be provided in the EIA report.
6. Mine water management plan be provided in the EIA report.
7. Land use plan should be plotted on the map.
8. Assessment of Ecological damage by this project and its Remediation Plan should be discussed in the EIA report.
9. Natural and community resource augmentation plan should be discussed in the EIA report.
10. Year wise quantity of production carried out till date, quantity of product sold with its market value and royalty paid.
11. Cumulative impact should be studied as proposed site is surrounded by other mines.
12. Minimum six monitoring locations shall be selected for Air, Noise and Water.

13. Environmental Cost Benefit analysis should be carried out and submitted with the EIA report.
14. Environmental Policy of the company issued by the director with environmental management cell should be submitted with the EIA report.
15. Issue like storm water management plan, mine water discharge, safety barrier zone with the neighboring mines etc. should be properly addressed in the EIA.
16. Details of afforestation done till date with name and number of species and proposed plantation scheme should be provided in EIA with supporting photographs.
17. Proposed workers facilitate and workers welfare scheme should be discussed in the EIA report with financial allocations.
18. Any alternate route avoiding the nearby habitations.
19. Land use plan should be plotted on the map.

PP has submitted the EIA report vide letter dated 05/04/2019 which was forwarded through SEIAA vide letter no. 170 dated 08/04/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion in 362<sup>nd</sup> SEAC meeting dated 15/04/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and in case the PP remains absent, the decision will be taken on the basis of documents received from SEIAA.

The case was again scheduled for presentation wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 362<sup>nd</sup> SEAC meeting dated 15/04/2019. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**3. Case No. – 6133/2019 Shri Sunil Kumar S/o Shri Tej Singh, R/o Bahera Mal, Tehsil & Dist. Dindori, MP Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (6,202 cum per annum) (Khasra No. 11), Village - Bahera Rayat, Tehsil - Dindori, Dist. Dindori (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 11), Village - Bahera Rayat, Tehsil - Dindori,



Dist., Dindori (MP) 1.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 60 dated: 25/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, the lease area is on small hillock and within 500 meters following sensitive features were observed of the lease area.

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>
Village Road	>500	South
Human settlement	>500	North-East
Natural Drain	>500	East

After presentation the committee asked to submit following details:

- Readable copy of DFO certificate.
- Proposal for plantation @120 plants/year.
- Revised EMP (include garland drain, settling tanks & wire fencing with appropriate budget) as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 30.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,202 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.17 Lakh as capital and Rs1.0675 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

**4. Case No. – 6141/2019 M/s Maa Sharda Mines and Minerals, Village - Karondikala, Tehsil - Barhi, Dist. Katni, MP Prior Environment Clearance for Stone Quarry in an area of 3.50 ha. (72,975 cum per annum) (Khasra No. 208/1, 208/2), Village - Karondikala, Tehsil - Barhi, Dist. Katni (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 208/1, 208/2), Village - Karondikala, Tehsil - Barhi, Dist. Katni (MP) 3.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. NIL dated: NIL has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 08.50 ha., including this mine.

The case was presented by the PP and their consultant. The Committee after deliberations decided that being it's a case Stone Quarry with total area of 8.50 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Cumulative modeling of all surrounding mines around the lease area.
2. Committee suggested number of Monitoring Stations for Environmental parameters shall be as : Air Quality - 08, Surface Water Quality - 06, G.W. – 06 & Soil & Noise – 08 & Heavy metals analysis in all soil samples.

**5. Case No. – 6119/2019 Shri Ishwar Patidar, Village - Kod, Tehsil - Badnawar, Dist. Dhar, MP – 454665 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (14,559 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar,

Dist. Dhar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 728 dated: 11/04/2018 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.0 ha., including this mine.

The case was presented by the PP and their consultant, during presentation as per Google image based on coordinates provided by PP, committee observed that coordinates are not matching with the actual lease shown by the PP during presentation. PP submitted that there are two identical leases with the same area and by mistake they have attached the details of other lease and will submit the revised Form -1 and other details duly authenticated by the concerned authority. Since the co-ordinates are not matching with the actual lease, this application is recommended for delisting to SEIAA.

**6. Case No. – 6107/2019 M/s Manu Mehrotra, Shri Manu Mehrotra, Ward No. 01, Barhi, Tehsil - Barhi, Dist. Katni, MP Prior Environment Clearance for Stone Quarry in an area of 1.840 ha. (49,110 cum per annum) (Khasra No. 311/1, 311/2), Village - Banka, Tehsil - Chandiya, Dist. Umariya.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 311/1, 311/2), Village - Banka, Tehsil - Chandiya, Dist. Umariya (M.P.) 1.840 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's Office letter No. 1644 dated: 07/09/18 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 3.840 including this mine.

The case was scheduled for presentation in 362<sup>nd</sup> SEAC meeting dated 15/04/2019 but, the Project Proponent (PP) nor was his authorized representative present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was again scheduled for presentation wherein it was observed that due to typographical error, this case is listed twice in agenda i.e. in this meeting dated 30/04/19 and in 367<sup>th</sup> SEAC meeting dated 01/05/2019. Committee decided that since PP is absent today this case may be heard tomorrow if PP remains present.

**7. Case No. – 6123/2019 Shri Brajendra Sharma S/o Shree Vidharam Sharma, Village - Nawapada, Tehsil - Meghnagar, Dist. Jhabua, MP – 457779 Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (9,700 cum per annum) (Khasra No. 219, 220, 221, 222/2 & 227), Village - Nawapada, Tehsil - Meghnagar, Dist. Jhabua (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 219, 220, 221, 222/2 & 227), Village - Nawapada, Tehsil - Meghnagar, Dist. Jhabua (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 308 dated: 06/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.597 ha., including this mine.

The case was scheduled for presentation, wherein consultant presented the authorized letter on behalf of PP but, the committee observed that the authorized representative is unable to respond to any query of committee. Thus committee after deliberations decided that PP may be called for appraisal of this case in subsequent meetings.

**8. Case No. – 6120/2019 Shree Dhule Singh Gamad S/o Shree Amar Singh Gamad, Village - Charankotada, Tehsil - Petlawad, Dist. Jhabua, MP – 457775 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (11,640 cum per annum) (Khasra No. 140/7), Village - Charankotada, Tehsil - Petlawad, Dist. Jhabua (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 140/7), Village - Charankotada, Tehsil - Petlawad, Dist. Jhabua (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 483 dated: 12/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

<b>Sr. No</b>	<b>Sensitive Feature</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks.</b>
1.	Stop dam	>180	West	Garland drain & settling tanks shall be provided.
2.	Natural drain	>45	East	
3.	Natural drain	>150	West	
4.	Pakki road	>130	South	Three row plantations
5.	Settlement	>400	South – east	

After presentation, PP was asked to submit response on following:

- Quantity of OB proposed for utilization of haul & evacuation road maintaining.
- No. of labour deployment for the machine operation.
- Progressive and conceptual Land Use plan.
- Revised EMP includes budgetary proposal for fencing, vocational training & plantation.
- Revised CER for water supply to school through pipe line.

PP has submitted the response of above quarries same date vide letter dated 30.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 11,640 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.04 Lakh as capital and Rs. 4.47 Lakh/year. Under CER Rs. 1.00 Lakh/ year has proposed.

**9. Case No. – 6128/2019 Shree Aayush Kumrawat S/o Shree Rajkumar Kumrawar, Village - Bagh, Tehsil - Kukshi, Dist. Dhar, MP – 454221 Prior Environment Clearance for Stone Quarry in an area of 3.00 ha. (21,130 cum per annum) (Khasra No. 80/1, 80/2, 81/2/1, 81/2/2), Village - Undali, Tehsil - Kukshi, Dist. Dhar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 80/1, 80/2, 81/2/1, 81/2/2), Village - Undali, Tehsil - Kukshi, Dist. Dhar (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 183 dated: 06/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation, it was observed that certificate issued by DFO states that the lease lies within 10 kms of National Park (Dinosaur Park). DFO has further stated that the ESZ is declared for 250 meters from the park. However, DFO has not stated that this lease lies outside of ESZ. Thus PP was asked to obtain above clarification from the DFO.

**10. Case No. – 6129/2019 Shri Chena Sencha, Village - Amlal, Tehsil & Dist. Dhar, MP – 454331 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (15,471 cum per annum) (Khasra No. 187), Village - Amlal, Tehsil - Dhar, Dist. Dhar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 187), Village - Amlal, Tehsil - Dhar, Dist. Dhar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2015 dated: 13/08/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

<b>Sr. No</b>	<b>Sensitive Feature</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>
1.	water body	>190	North
2.	Natural drain	>150	North – east
3.	Settlement	>400	North – east
4.	Pakka road	>200	North – east

After presentation the committee asked to submit following details:

- Progressive and conceptual Land Use Plan.
- Inventory of the trees with their respective girth existed within the lease boundary and commitment that tree cutting will be carried out only after the approval of competent authority.
- Mine phase orientation should be from South to North as village in the north end of the lease.
- Revised plantation as suggested by committee.
- Revised blasting parameters.
- Locate settling tanks on map as per contours/ topography.
- Quantity of OB proposed for utilization of haul & evacuation road maintaining.

PP has submitted the response of above quarries same date vide letter dated 30.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production shall be as per mine plan with quantity not exceeding for Stone 15,471 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.53Lakh as capital and Rs. 2.262 Lakh/year. Under CER Rs. 0.60 Lakh/ year has proposed.

**11. Case No. – 6135/2019 Shri Avinash Patel, Petlawad, Dist. Jhabua, MP – 457773 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (19,400 cum per annum) (Khasra No. 387/1/1), Village - Dotrya, Tehsil - Badnawar, Dist. Dhar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 387/1/1), Village - Dotrya, Tehsil - Badnawar, Dist. Dhar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1812 dated: 19/6/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by the PP, the committee observed that the lease area is already excavated. In this context PP stated that this is an old mine and production has not been taken since year 2012 and they have shown the pits on surface map. On the Google image following sensitive features were observed within 500 meters of the lease area:

<b>Sr. No</b>	<b>Sensitive Feature</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
1.	State Highway	>70	North	30 meter setback to be left as non mining area. Provision of Settling tanks in the east and south direction.
2.	Natural drain	>50	South	
3.	River	>500	West	
4.	Stop dam	>250	East	

After presentation the committee asked to submit following details:

- Commitment that water will be obtained from gram Panchayat with their approval.



- Location of crusher on surface map and which should be away from 100 meters from the road.
- Revised plantation as suggested by committee.
- Revised EMP (include provision of Vocational Training).
- Revised CER include name of five nearby villages where CER work is to be done.

PP has submitted the response of above quarries same date vide letter dated 30.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 19,400 cum/annum.
2. 30 meters setback to be left as non mining area in the lease as road is only 70 meters away.
3. A budgetary provision for Environmental management Plan of Rs. 6.01 Lakh as capital and Rs. 2.85 Lakh/year. Under CER Rs. 0.60 Lakh/ year has proposed.

**12. Case No. – 6122/2019 Smt. Kumkum Singh, Village - Kubari, Tehsil - Bahari, Dist. Sidhi, MP Prior Environment Clearance for Stone Quarry in an area of 3.00 ha. (25,284 cum per annum) (Khasra No. 65/1/1/1 Parts), Village - Karaundi, Tehsil - Bahari, Dist. Sidhi (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 65/1/1/1 Parts), Village - Karaundi, Tehsil - Bahari, Dist. Sidhi (MP) 3.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 964 dated: 05/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by the PP, following sensitive features were observed within 500 meters of the lease area:

<b>Sr. No</b>	<b>Sensitive Feature</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
1.	Trees	Within the lease	-	Commitment from PP that no tree felling is proposed.
2.	Water body	>100	west	
3.	Shed like structure	Within the lease		PP stated this is a site office.

After presentation the committee asked to submit following details:

- Copy of agreement.
- Inventory of the trees with details of girth and commitment of PP for no tree cutting.
- Revised EMP (include provision of Vocational Training).
- Revised CER include name of five villages where CER work is to be done.

**13. Case No. – 6131/2019 Shri Jai Bahadur Singh, Village - South Karoundia, Tehsil - Gopadbanas, Dist. Sidhi, MP Prior Environment Clearance for Stone Quarry in an area of 1.110 ha. (6,132 cum per annum) (Khasra No. 01 Parts), Village - Kathas (A), Tehsil - Gopadbanas, Dist. Sidhi (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01 Parts), Village - Kathas (A), Tehsil - Gopadbanas, Dist. Sidhi (MP) 1.110 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1003 dated: 07/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.10 ha. including this mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

**14. Case No. – 6132/2019 Shri Jai Bahadur Singh, Village - South Karoundia, Tehsil - Gopadbanas, Dist. Sidhi, MP Prior Environment Clearance for Stone Quarry in an area of 1.990 ha. (12,432 cum per annum) (Khasra No. 01 Parts), Village - Kathas (B), Tehsil - Gopadbanas, Dist. Sidhi (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01 Parts), Village - Kathas (B), Tehsil - Gopadbanas, Distt. Sidhi (MP) 1.990 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter no. 1004 dated: 07/02/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.10 ha., including this mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

**15. Case No. - 5781/2018 M/s Rewa MSW Holding Limited through Project Manager, Srinivas Nagarjuna Reddy Pulagam, 10, Shilpi Kunj, Saman Naka, Rewa (M.P.) – 486001. Prior Environment Clearance for Regional Integrated Solid Waste Management Project M/s Rewa MSW Holding Limited, Raipur Karchulian Khasra No. – 290, 292, 293, 294, Gram Sagra Khasra No. – 2201, 2202 at Village - Tehsil - Dist. -, (M.P.). Category: 7(i) Common Municipal Solid Waste Management Facility (CMSWMF). Env. Con. – Ramky Enviro Services Private Limited, Hyderabad.**

The project is a construction CMSWMF falls under Category 7(i) of Common Municipal Solid Waste Management Facility (CMSWMF) (As per EIA notification dated 14<sup>th</sup>

September 2006 and amended to the date) and involves environmental clearance. EIA forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

PP has submitted the EIA report vide letter dated 25/10/2018 which was forwarded through SEIAA vide letter no. 1655 dated 03/11/2018.

In this meeting (355<sup>th</sup> SEAC meeting dated 01/12/2018) PP and their consultant presented the earthen salient feature of the project area as follows:

Rewa MSW Holding Limited proposes to establish a 'Regional Integrated Solid Waste Management Facility' in an area of 18.35 hectares (45.34 acres) at Pahadiya village, located approximately 9 km from Rewa town. The facility is meant for management of municipal solid waste generated in Rewa town and 27 other surrounding ULBs (Rewa town and 11 other ULBs from Rewa District, 12 ULBs from Satna District and 4 ULBs from Sidhi District). The facility will handle different kinds of waste generated in the whole project area, including residential, commercial, expired/rejected branded products (non-hazardous), institutional, hotels, restaurants, markets, marriage halls, gardens, parks, and non-hazardous industrial waste, construction and demolition waste etc.

It is proposed to establish ISWM Project with the following key components: Waste to Energy Plants – 2 x 6 MW (Phase I: 6 MW and Phase II – 6 MW); Sanitary Landfill – 175 TPD; Compost Plant – 300 TPD; RDF Processing Plant – 500 TPD; Animal Carcass Digester (Thermal Incinerator) – 200 kg/hr; Construction and Demolition Waste Management Facility – 100 TPD.

The water requirement for operating the proposed ISWM Facility is estimated to be about 200 KLD. However, with inclusion of second 6 MW Waste to Energy Plant in the future, 120 KLD water will be required. Rewa Municipal Corporation would supply water to this facility (or) water requirement would be met through tankers/bore wells. The energy requirement for operating the proposed ISWM Facility is about 18% of the total power generated in the facility. In case of emergency electricity requirement will be met through MPTRANSCO. Sufficient capacity DG Sets (500 KVA) are proposed for power emergency backup.

Waste to energy plants shall be equipped with flue gas treatment system consisting of quencher, scrubber, bag filters, activated carbon system etc. along with a minimum stack height of 30 m shall be provided to comply with the emission standards. Animal carcass incinerator shall be equipped with quencher, high pressure venturi scrubber, wet alkaline

scrubber etc. to meet emission standards. Odor control system shall be set up over the compost sheds, which will comprise of ventilation ducts and exhaust fans. In the landfill area, daily cover shall be put in with layer of earth, clay or similar material. Other organic measures include spraying ecosorb (organic and biodegradable chemical) around odor generation areas at regular intervals.

Adequate measures are proposed to be taken up for leachate management. It is estimated that a maximum of 140 KLD of leachate (at full capacity of 700 TPD) will be generated from compost plant, waste to energy plant (at storage area), landfill etc. Since the plant will be designed with a closed windrow, and best practices are followed during landfill operation, minimum quantity of leachate will be generated which either will be circulated to landfill, sprayed on landfill for dust control, use to keep the windrows moist. Any excess leachate that accumulates after following the above mentioned activities will be treated in an exclusive leachate treatment plant, which shall consist of Multiple Effect Evaporator (MEE) with Agitated Thin Film Dryer (ATFD) along with primary treatment and biological treatment followed by Reverse Osmosis units. Wastewater generated from Waste to Energy plant shall be treated in wastewater treatment plant consisting of primary and biological treatment, reverse osmosis units etc. and the treated wastewater shall be utilized for ash quenching and for greenbelt.

It is estimated that it will take up to 18 months for execution of the proposed project (ISWM Facility) with all the facilities proposed. The approximate cost estimate for the proposed facility is about INR 160 Crores, excluding the second 6 MW Waste to Energy Plant. About 100 full time employees and 80 contractual employees will be employed for project operation. About 400 indirect employment will be generated for primary/secondary collection, transportation etc.

The case was presented by the PP and their consultant in 355<sup>th</sup> SEAC meeting dated 01/12/2018 after presentation, PP was asked to submit response on following issues:

1. Co-ordinates of the area on Khasra map of the site, for demarcate the area because as per the co-ordinates submitted by PP in the report, two co-ordinates are falling in the village.
2. PP should also provide the copy of form-1 submitted to MoEF&CC for obtaining TOR.
3. Commitment from PP that no R&R is involved in this project.
4. Clarification regarding Khasra no. 1496. Is this Khasra is part of the facility or not?

5. Clarification regarding the total area of the project as at some places an area of 18.546 ha is mentioned and at some places area of 18.350ha is mentioned.
6. NOC from competent authority as per TOR point no. 11 as an air strip is in existence within the 20 kms radius of the project.
7. Clarification regarding generation of condensate in MEE and why it is proposed to be treated in ETP.

PP vide letter dated: 10.04.2019 has submitted the reply of above required information which was forwarded through SEIAA vide letter No. 309 dated: 23.04.2019 which was placed before committee. The query reply was presented by the PP and their consultant in this meeting. The PP submitted that –

- In the absence of a duly constituted SEIAA or SEAC, at the time of Form-1 application, Rewa MSW Holding Limited have approached MoEF&CC and obtained TOR (vide File No. 10-48/2017-IA-III, dated 8<sup>th</sup> September 2017).
- Based on the TOR, Draft EIA Report has been submitted to MPPCB and subsequently conducted Public Hearing at the project site on 09.05.2018.
- Final EIA Report has been prepared (duly addressing all the concerns raised during public hearing along with an action plan) and submitted to MoEF&CC for Environmental Clearance.
- Final EIA Report has been prepared (duly addressing all the concerns raised during public hearing along with an action plan) and submitted to MoEF&CC for Environmental Clearance.
- MP SEAC called for Final EIA presentation on **01<sup>st</sup> December 2018** (Agenda Item No. 4 of 335<sup>th</sup> SEAC Meeting) and asked for some clarifications.
- Khasra No. 1496 is not a part of the proposed facility. The total area of the project is 18.35 Hectares.
- Undertaking for obtaining NOC from Airport Authority of India (AAI) and there is no R&R proposed in the project.
- MEE condensate water will not be treated in ETP and the same will be reused within the process.

The submission made by PP which was found satisfactory and acceptable. After discussion committee observed that the EMP and other submissions including query reply made by PP were found adequate and satisfactory and thus the case is recommended for grant of prior EC for Regional Integrated Solid Waste Management Project M/s Rewa MSW Holding Limited, Raipur Karchulian Khasra No. – 290, 292, 293, 294, Gram Sagra Khasra No. – 2201, 2202 at Village - Tehsil - Dist. -, (M.P.). Category: 7(i) Common Municipal Solid Waste Management Facility (CMSWMF), subject to the following special conditions:

The EC shall be valid for establishing for Regional Integrated Solid Waste Management Project for following key components:

- Waste to Energy Plants – 2 x 6 MW (Phase I: 6 MW and Phase II – 6 MW).
- Sanitary Landfill – 175 TPD.
- Compost Plant – 300 TPD.
- RDF Processing Plant – 500 TPD.
- Animal Carcass Digester (Thermal Incinerator) – 200 kg/hr.
- Construction and Demolition Waste Management Facility – 100 TPD.

### **Other Special Conditions**

1. The landfill facility shall be developed as per the proposal submitted by PP with 1.5 mm thick HDPE liners, Geo-textile media, Drainage media, Gas evacuation system and leachate collection system.
2. The PP will establish the adequate leachate treatment facilities to achieve the M.P. Pollution Control Board (MPPCB) zero discharge norms. As proposed, no effluent/leachate from the facility shall be discharged outside the premises and Zero discharge shall be maintained. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
3. Treated leachate shall be sprayed on landfill for dust control, keep the windrows dry and excess leachates shall be utilized in spray drier.
8. The PP will obtain NOC from the competent authority as an air strip in within is in existence within the 20 kms radius of the project site as per TOR issued by MoEF&CC.
4. Regular leachate quality monitoring shall be carried out for relevant parameters and the monitored data along with the statistical analysis and interpretation should be submitted to the MPPCB.
5. Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. The ground water quality monitoring shall be monitored as per the MPPCB norms. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the Ministry's Regional Office at Bhopal and MPPCB.
6. Spraying of "Ecosorb" should be performed on regular intervals to avoid any odour nuisance.
7. Magnetic flow meters shall be provided at the inlet/outlet of water supply point and records for the same shall be maintained and submitted to MPPCB regularly.
8. The PP should comply with the provisions made in Hazardous Waste (management,

handling & Trans-boundary Movement) Rules 2016.

9. Dedicated parking facility for unloading of materials/wastes shall be provided in the facility premises. PP shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.
10. No hazardous and biomedical waste should be disposed off in this facility.
11. As proposed, 33% of the project area shall be developed as green belt within plant premises with at least 5 meter wide green belt on all sides along the periphery of the project area and along road sides etc. Selection of plant species shall be as per the CPCB guidelines and in consultation with the DFO.
12. All the commitments made in the Public Hearing shall be implemented by PP.
13. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
14. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
15. In case of power failure, stand- by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the facility shall be installed, so that the facility shall always be operated round the clock even in case of power failure.
16. All internal roads shall be made pucca/bituminous top to avoid fugitive emissions.
17. Atleast two on-line continuous ambient air quality monitoring stations on suitable locations should be provided and data connectivity must be provided to the MPPCB's server for remote operations.
18. Fire fighting system shall be provided as per the norms covering all areas and Disaster Management Plan shall be implemented.
19. All recommendations and pollution mitigative measures proposed in the EMP shall be binding for the project authorities.
20. The ambient air quality shall be monitored in and around the facility area and results shall be submitted to the MPPCB. The locations for the ambient air quality monitoring shall be fixed and reviewed in consultation with the MPPCB.
21. All the storage tanks shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
22. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
23. Training shall be imparted to all the workers on safety and health aspects of chemicals handling and facility operations.
24. The overall noise level in and around the facility area and D.G. Set shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of



noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.

25. Pucca flooring / impervious layer shall be provided in the work areas, chemical/waste oil storage areas and chemical handling areas to minimize soil contamination.
26. Good housekeeping shall be maintained within the facility premises. All pipes, valves and drains shall be leak proof. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal.
27. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.
28. The Environmental Management Cell with suitably qualified staff for implementation of the stipulated environmental safeguards and for monitoring functions shall be setup under the control of the Chief Executive of the company.
29. Peripheral plantation all around the project boundary shall be carried out using tree plants of large canopy. Green area at the site will be maintained by the project proponents, which would have an overall cooling effect on the surroundings.
30. CFL/LED should be preferred over of tube lights.
31. PP will obtain other necessary clearances/NOC from concerned authorities.
32. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**(Dr. Mohd. Akram Khan)**  
**Member**

**(Dr. A.K. Sharma)**  
**Member**

**(Dr. R. Chaudhary)**  
**Member**

**(Dr. R. Maheshwari)**  
**Member**

**(Prashant Shrivastava)**  
**Member**

**(Dr. Jai Prakash Shukla)**  
**Member**

**(Mohd. Kasam Khan)**  
**Chairman**

**Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:**

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murrum and Soil quarries:**

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
8. Transportation shall not be carried out through forest area.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
15. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'B'**

**Standard conditions applicable for the sand Mine Quarries\***

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.

9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'C'**

**Standard conditions applicable for the Khodu Bharu sand Mine Quarries\***

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
11. NOC of gram panchayat should be obtained for the water requirement.
12. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
13. The mining shall be carried out strictly as per the approved mining plan.

**Annexure- 'D'**

**General conditions applicable for the granting of TOR**

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
3. An inventory of flora & fauna based on actual ground survey shall be presented.
4. Risk factors with their management plan should be discussed in the EIA report.
5. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

6. The EIA document shall be printed on both sides, as far as possible.
7. All documents should be properly indexed, page numbered.
8. Period/date of data collection should be clearly indicated.
9. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
10. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
11. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
12. Grant of TOR does not mean grant of EC.
13. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
14. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
15. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
16. All the necessary NOC's duly verified by the competent authority should be annexed.
17. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
18. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
19. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
20. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
21. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
22. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
23. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

**FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.**

24. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
25. Detailed analysis of availability and quality of the drinking water resources available in the block.

26. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
27. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.