

The 415<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 07<sup>th</sup> January, 2020 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. Sonal Mehta, Member.
3. Dr. Jai Prakash Shukla, Member.
4. Dr. R. Maheshwari, Member.
5. Dr. Rubina Chaudhary, Member.
6. Shri R. S. Kori, Secretary.

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

- 1. Case No. - 5819/2019 M/s Western Colonizers - Developers, 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal, MP – 462042 SIA/MP/NCP/22879/2018. Prior Environment Clearance for Construction of Western Courtyard, Western Court, Western Heights, Singapur Villas & J.K.Town - Phase II (Total Plot Area = 1,60,600 sqm., Total Built-up Area = 1,24,683.43 sqm) at Khasra no. 336/2/1, 337, 338/3, 339/1, 339/2, 340/2, 341/1/2, 319, 329, 331/2, 332/3/3, 333, 336/2/2, 338/2, 332/3/2, 341/1/1, 340/1, 331/1, 332/3/1, Village - Banjari, Tehsil - Huzur & Dist. Bhopal, MP . Env. Con. – In Situ Enviro Care, Bhopal - (M.P.).**

This is case of Prior Environment Clearance for Construction of Western Courtyard, Western Court, Western Heights, Singapur Villas & J.K.Town - Phase II of Land Owners M/s Ananjay Construction & Contracts Pvt. Ltd. & New Vallabh Co-Operative Housing Society Ltd. Developed by M/s Western Colonizers.(Total Plot Area = 160600sqm. (16.06 Hect.), Total Built-up Area = 124683.43 sqm) Khasra No. 336/2/1, 337, 338/3, 339/1, 339/2, 340/2, 341/1/2, 319, 329, 331/2, 332/3/3, 333, 336/2/2, 338/2, 332/3/2, 341/1/1, 340/1, 331/1/1, 332/3/1. at Village - Banjari, Tehsil - Huzur & Dist. Bhopal, (M.P.).Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was presented by the PP and their consultant in 339<sup>th</sup> SEAC meeting dated 29/01/2019 wherein ToR (For Violation) has been recommended. PP has submitted the EIA report vide letter dated 15/11/19 which was forwarded through SEIAA vide letter no. 3234 dated 20/11/19.

EIA was presented by PP and their consultant in 407<sup>th</sup> SEAC meeting dated 26/11/2019, during presentation PP submits the following salient features of this project:

| S. No. | Item  | Details  |
|--------|---|--|
| •      | Name of the project   | Western Courtyard, Western Court, Western Heights, Singapur Villas & J.K. Town – Phase II Of Land Owners M/S. Ananjay Construction & Contracts Pvt. Ltd. & New Vallabh Co-Operative Housing Society Ltd. Developed By M/s. Western Colonizers.   |
| •      | S. No. in schedule  | The project is categorized as 'B-2' under item 8 (a) of Schedule -Gazette Notification dated Sep 14th, 2006 and subsequent amendments issued by MoEF, New Delhi on 01.12.09 and 04.04.2011.  |
| •      | New / Expansion / Modernization   | New  |
| •      | Category of Project i.e. 'A' or 'B'   | 'B'  |
| •      | Does it attract the General condition?<br>If Yes, please specify.   | No   |
| •      | Does it attract the Specific condition?<br>If Yes, please specify.  | No   |
| •      | Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given) | Bhopal Municipal Corporation   |
| •      | Proposed capacity / area / length / tonnage to be handled / command area / lease area / number of wells to be drilled             | The land use of the proposed project is as under:-<br>Total plot area as per T & CP approvals 160600.00 Sq. Mt. (16.06 Hect.)<br>Area of planning for western colonizer = 12.45 Hect.<br>Rest Area of New Vallabh Co-operative Housing Society Ltd. = 3.61 hect.(Infrastructure Development Only)<br>Total area deduction in 60/18 M. Road = 2.39 Hect.<br>Net Planning Area = 10.06 Hect.<br>Scheme = 10.05 Hect.<br>Total B/up Area for Western Colonizer = 124683.43 Sq.mt.<br>The project involves the construction of 9 Towers (G+8) & (G+10) having 512 nos. units for residential Flats in western court yard & western Height, 392 No. Duplexes & Triplexes in Western Court & Singapur Villa, 168 No. LIG and EWS units, 60 Nos. Shops. The total maximum height of the project will be B+P+30 Mts. |

|   |   |  |        |                       |
|---|---|--|--------|-----------------------|
| • | Location  | Coordinates: 23°10'35.40"N, 77°25'32.21"E<br>Vill.- Banjari, Tehsil-Huzur, District- Bhopal (M.P.) – India                                 |        |                       |
|   | Plot/Survey/Khasra No.  | 336/2/1, 337, 338/3, 339/1, 339/2, 340/2, 341/1/2, 319, 329, 331/2, 332/3/3, 333, 336/2/2, 338/2, 332/3/2, 341/1/1, 340/1, 331/1, 332/3/1. |        |                       |
|   | Village   | Banjari  |        |                       |
|   | Tehsil  | Huzur  |        |                       |
|   | District  | Bhopal   |        |                       |
|   | State   | Madhya Pradesh   |        |                       |
| • | Nearest railway station/airport along with distance in kms.   | Habibganj Railway Station is at a distance of about 7.6 KMS.<br>Bhopal Airport at a distance of about 22.3 KMS.                            |        |                       |
| • | Nearest Town, City, District Headquarters along with distance in kms.   | Nearest  | Name   | Distance              |
|   |   | City   | Bhopal | Within Municipal Area |
|   |   | District Headquarters  | Bhopal | 10.6 Kms              |
| • | Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given) | Bhopal Municipal Corporation   |        |                       |
| • | Name of the applicant   | M/S. Western Colonizers - Developer  |        |                       |
| • | Registered Address  | 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal - 462042  |        |                       |
| • | Address for correspondence:   | 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal - 462042  |        |                       |
|   | Name  | Mr. P. Raju  |        |                       |
|   | Designation (Owner/Partner/CEO)   | Partner  |        |                       |
|   | Address   | 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal.  |        |                       |
|   | Pin Code  | 462042   |        |                       |
|   | E-mail  | <a href="mailto:rajendrawesterngroup@gmail.com">rajendrawesterngroup@gmail.com</a>   |        |                       |
|   | Telephone No.   | 0755 – 4299323/9893028468  |        |                       |
|   | Fax No.   | --   |        |                       |

|  |  |                         |  |
|--|--|-------------------------|--|
| <ul style="list-style-type: none"> <li>Whether there is any litigation pending against the project and/or land in which the project is propose to be set up?<br/>(a) Name of the Court<br/>(b) Case No.<br/>(c) Orders/directions of the Court, if any and its relevance with the proposed project.</li> </ul> | No litigation is pending against the project or the project land in any court of law to the best of knowledge. |                         |  |
| <ul style="list-style-type: none"> <li>List out all the major project requirements in terms of the land area, built up area, water consumption, power requirement, connectivity, community facilities, parking needs etc.</li> </ul>   | 1.   | Total Plot Area         | 160600 Sq.Mt.  |
|  | 2.   | Built up area           | 124683.43 Sq.Mt.                                     |
|  | 3.   | Heights                 | B+P+30 Mts.  |
|  | 4.   | Water Consumption       | 756 KLD  |
|  | 5.   | STP Capacity            | 635 KLD 100% Load<br>Proposed STP Capacity : 800 KLD |
|  | 6.   | Sold Waste Generation   | 2.186 TPD  |
|  | 7.   | Power Requirement       | 4500 KVA   |
|  | 8.   | Connectivity Facilities | Project site is adjacent to J K Hospital.            |
|  | 9.   | Community Facilities    | J K Hospital- 140 Meter.<br>Kolar – 2.3 km           |
|  | 10.  | Parking Needs           | Parking Provided- 1003 Car                           |
| <ul style="list-style-type: none"> <li>Name of the consultant</li> </ul>   | In Situ Enviro Care<br>Address: E- 7/829, Shahpura, Arera Colony, Bhopal - 462016 (M.P.)                       |                         |  |
| <ul style="list-style-type: none"> <li>SR. No. in Nabet/QCI List</li> </ul>  | 86   |                         |  |

- The project involves the construction of 9 Towers (G+8) & (G+10) having 512 nos. units for residential Flats in western court yard & western Height, 392 No. Duplexes

& Triplexes in Western Court & Singapur Villa, 168 No. LIG and EWS units, 60 Nos. Shops. The total maximum height of the project will be B+P+30 Mts.

- M/s Western Colonizers, Bhopal proposes to construct a Group Housing Residential Project as “Western Courtyard, Western Court, Western Heights, Singapur Villas & J.K. Town-Phase II” which is a multi-level residential apartments at village Banjari of Bhopal District. The proposed project involves the construction of 9 towers (G+8) & (G+10) having 512 nos. units for residential flats in Western Courtyard & Western Heights, 392 nos. Duplexes & Triplexes in Western Courtyard & Singapur Villa, 168 No. LIG and EWS units, 60 Nos. Shops. The total maximum height of the project will be B+P+30 meters.
- Project has total area of 1,60,600 sqm and total built-up area is 1,24,683.43 sqm. The project was started to construct without taking prior environment clearance from the competent authority and construction work has been completed till 22.15% of built-up area owing to unawareness of the EIA Notification and its amendments and the project falls under the purview of the EIA Gazette Notification dated 08.03.2018, amending the Notification dated 14.03.2017 (Considering the case as Violation Case).
- In this regard, the case presented by project proponent and their consultant in the SEAC 339<sup>th</sup> meeting held on 29.01.2019 and has recommended the proposal for TOR.
- The EIA Report has been prepared in compliance to Gazette Notification dated 08.03.2018, amending the Notification dated 14.03.2017 including assessment on ecological damage, remediation plan and natural and community resource augmentation plan.
- To assess the potential environmental impact using due to the proposed group housing residential project, M/s Western Colonizers, has assigned the work of carrying out Environmental Impact Assessment study to M/s In Situ Enviro Care, Bhopal, M.P.
- Proponent submitted the EIA reports for EC to SEAC, MP on dated 18.11. 2019.

PP submitted that the TOR was issued within the window period provided by the MoEF& CC i.e. in between 14.03.2017 to 13.09.2017 & 14.03.2018-13.04.2018. PP stated that the total construction till date 27,625.90 Sq.m. (22.15%) have been constructed and 97057.53 Sq.m. (77.85%) constructions are proposed. The distance of Kaliyasot River from the project boundary is about >200 meters and total 08 entry /exit gate in the proposed project envisaged. The project development cost Rs. 10737.0 Lakhs has been estimated, for which Rs. 212.7 Lakhs as capital cost and Rs. 22.0 Lakhs as recurring cost is being given under Environment Management Plan. The amount of Remediation Plan and Natural and Community Resources

Augmentation Plan is estimated to be Rs.35,39,000.00, however, PP has not provided the component wise details of this amount with documentary proofs such as bills, CA audit, certificates, photographs etc, as provided by in other similar projects by the same consultant.

After presentation and deliberation it was observed by the committee that the component wise details of remediation's plan and natural community resource augmentation plan is not submitted by PP/consultant with the EIA report. Consultant submitted that they have still to work out the component wise details as still some information is to be provided by PP. Committee after deliberations recommends that PP/consultant needs to be revise remediation plan and natural community resource augmentation plan 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. Commitment of PP regarding no tree felling is being done for construction activity.
  - vi. No GW was extracted during construction & operation of project.
  - vii. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
  - viii. Entire top soil was used for plantation & land scope development and no top soil was wasted.
  - ix. No DG sets were used during construction phase along with electricity bills.

PP and their consultant presented the revised remediation's plan and natural community resource augmentation plan as suggested by committee in 407<sup>th</sup> SEAC meeting dated 26/11/2019. PP submitted that –

- Project has total area of 1,60,600 sqm, net planning area is 1,60,600 sqm and total built-up area is 1,24,683.43 sqm.
- Till date 22.15% construction work has been completed .

The revised plan submitted by PP is as follows-

The project is under construction phase till date 22.15% construction has been done, 77.85% yet to done. All remediation budgets are for construction phase.

| Sr. No. | Environmental Factors/Attributes   | Remedial Plan/<br>Augmentation Plan/<br>Remarks   | Remedial Cost |                               | Environmental Management Plan                       | EMP Cost     |                            | REMARKS   |
|---------|--|---|---------------|-------------------------------|---|--------------|----------------------------|---|
|         |  |   | Capital Cost  | Recurring Cost                |   | Capital Cost | Recurring Cost (per annum) |   |
| 1.      | Land use as per Approved Master Plan by TNCP, Bhopal                                   | It is a registered joint venture project between land owners (M/S. Ananjay Construction & Contracts Pvt. Ltd. & New Vallabh Co-Operative Housing Society Ltd.) and M/s. Western Colonizers. Broken land is as per master plan approved by T&CP (enclosed land use area breakup & Undertaking as Annexure – I,II&III)<br><b>NO VIOLATION</b> | -             | -                             | Project cost comprising land and machinery cost     | 4,00,00,000  | 0                          | T & CP Letter No. 901/L.P.230/29(30/Nagran i/GKA/2009 Bhopal dated 16/05/2014 |
| 2       | Environmental Sensitive Places, Land Acquisition Status, Resettlement & rehabilitation | Land is in possession of <b>Land Owners M/S. Ananjay Construction &amp; Contracts Pvt. Ltd. &amp; New Vallabh Co-Operative Housing Society Ltd. Developed By M/s. Western Colonizers.</b> as per enclosed land revenue record No R & R Applicable<br><b>NO VIOLATION</b>  | -             | -                             | 160600 sq.mt. Land is in possession of land owners. | -            | -                          |   |
| 3       | Baseline Environmental Quality   | All the parameters are in the comfort zone in one season  | --            | <b>60,000 ( amount may be</b> | -   | -            | <b>15,000</b>              | We have done EIA  |

|   |                  |   |   |                                     |   |   |                 |   |
|---|------------------|---|---|-------------------------------------|---|---|-----------------|---|
|   |                  | EIA study Monitoring data from 2015-18 is pending @ 15000/year * 4 Years (2 Air, 2 noise , 1 water)   |   | proposed for additional plantation) |   |   |                 | study. All baseline data results are found satisfactory.              |
| 4 | A) Land          | Total land area 160600 sq.mt., Total Excavated waste during construction of basement & periphery would be = 3626601.14 M3 out of this 52229 M3 will reuse for landscaping purpose and other will reuse for backfilling. Our total landscape area is 11055.17 Sq.mt. | - | -                                   | Land is in possession of <b>Land Owners M/S. Ananjay Construction &amp; Contracts Pvt. Ltd. &amp; New Vallabh Co-Operative Housing Society Ltd. Developed By M/s. Western Colonizers.</b> | - | -               | No violation  |
|   | B) Ground Water  | No ground water bore well is done for construction purpose. NO VIOLATION  |   |                                     | Not applicable, till date no bore well for ground water tapping is proposed.  | - | -               | The source of water during construction phase is Tanker Water Supply. |
|   | C) Surface water | Not applicable , No Water body exist within the project lease area  | - | -                                   | Not applicable  | - | -               | No violation  |
|   | D) Air           | Water sprinkling had been done as per terms & condition of the work order agreements (2 water tankers/day )   | - | -                                   | Construction period = 4 years, Working Day = 800 day Per day water requirement = 8000 KLD (2 Tanker @ 200/ tanker)  | - | <b>3,62,400</b> | All bills submitted in hard copies to SEAC.                           |
|   | E) Biodiversity  | NOT APPLICABLE  | - | -                                   | NOT APPLICABLE  | - | -               | We have not created any change in the biodiversity                    |



|   |   |   |   |  |   |               |               |   |
|---|---|---|---|--|---|---------------|---------------|---|
|   |   |   |   |  |   |               |               | of the area.  |
|   | f) Noise & Vibration  | Site was fully barricaded at the time of construction All modern and new machinery was used at site. Total RMC had been used.                   | - | -  | All machines and new machinery will be used on site   | -             | -             | RMC Bills submitted in hard copies.   |
|   | g) Socio economy & Health   | -   | - | -  | -   | -             | -             | Done in EIA study   |
|   | g.a. Occupational Health checkup for 20 Workers   | Initial Medical Examination (IME) for 15 workers Deployed on site. (@1000 Rs/workers X 4 years)   | - | <b>80,000 ( amount may be proposed for plantation)</b> | Initial Medical Examination (IME) for 20 workers deployed on Site. (1000 Rs/workers) for a year.                          | -             | <b>20,000</b> | Total Calculated value for occupational health and checkup, PPE's and Worker's Shelter have been covered under remedial cost. |
|   | g.b. Personal Protection Equipment's  | Helmet & other PPE's has been Provided to the workers (25X 1200X 4 )  | - | <b>94,124 ( amount may be proposed for plantation)</b> | )Helmet, Jackets ,hand gloves & Boots will be Provide to 25 Workers   | <b>25,876</b> | <b>12,000</b> |   |
|   | g. c. Shelter and Sanitation for 20 workers   | Temporary shelter & Mobile toilet has been provided to the workers. Initially it was not there. Installed after 1 year of construction in 2016. | - | <b>80,000 ( amount may be proposed for plantation)</b> | Provision of Temporary shelter & Mobile toilet will be extended in numbers during the time of construction for 20 workers | -             | -             |   |
| 5 | Contour Plan With slopes, Drainages pattern of the site and surrounding area any obstruction of the | No conversion is done in storm water drainage pattern on site   | - | -  | --  | -             | -             | NOT APPLICABLE  |

|    |   |  |          |   |                               |                  |                 |  |
|----|---|--|----------|---|-------------------------------|------------------|-----------------|--|
|    | same by the projects.   |  |          |   |                               |                  |                 |  |
| 6  | Tree Felling  | --   |          |   | No tree felling is proposed.  | -                | -               | No tree felling is done.   |
| 7  | Tree plantation   | Total 773 trees would be proposed out of this 100 trees have been planted. Remaining propose trees 673 @ Rs. 500/- | 3,36,500 | - | landscaping development       | -                | <b>1,20,000</b> | All remedial cost will be utilized for left over plantation & further development of additional landscaping. Bill of Rs. 83190 for 100 trees including ornamental trees is enclosed. |
| 8  | Permission for forest Land                                      | NOT APPLICABLE   | -        | - | NOT APPLICABLE                | -                | -               | No forest area is involved in this project.  |
| 9  | Environment policy  | Policy is part of Terms & Condition of mutual Agreement  | -        | - | -                             | -                | -               | Policy is part of Terms & Condition of mutual Agreement  |
| 10 | Ground Water Classification                                     | NOT APPLICABLE   | -        | - | NOT APPLICABLE                | -                | -               | No ground water is used. The source of water during construction phase is tanker supply.   |
| 11 | Source of water , Water Requirement ,use of treated waste Water | Water demand fulfills by the daily basis tankers. 800 KLD STP is under construction.                               | -        | - | 800 KLD STP is under process. | <b>70,00,000</b> | <b>4,00,000</b> | We have already obtained Municipal Water supply  |

|    |  |  |           |    |   |    |               |   |
|----|--|--|-----------|----|---|----|---------------|---|
|    |  |  |           |    |   |    |               | permission<br>vide letter no.<br>237/ w.w.d./<br>b.m.c. Bhopal<br>dated<br>07/11/2015                           |
| 12 | Rain Water<br>Harvesting   | 13 No. Rain water<br>harvesting pit has<br>been proposed @<br>50,000 X 13  | 6,50,000  | -- | Total 13 nos. of<br>pits are<br>proposed on<br>site.  | -- | <b>40,000</b> | --  |
| 13 | Soil<br>Characteristics &<br>Ground Water<br>Table<br>Top Soil<br>Conservation | Total land area<br>160600 sq.mt., Total<br>Excavated waste<br>during construction<br>of basement &<br>periphery would be =<br>3626601.14 M3 out<br>of this 52229 M3 will<br>reuse for landscaping<br>purpose and other<br>will reuse for<br>backfilling. Our total<br>landscape area is<br>11055.17 Sq.mt. | --        | -- | 10 m depth of<br>rain water<br>harvesting pits<br>have been<br>proposed,<br>Quality of top<br>soil & costing of<br>its disposal | -- | --            | No violation  |
| 14 | Solid Waste<br>Generation<br>Treatment   | Currently stacked<br>within the premises<br>will be revised in<br>proposed boundary<br>wall, stone pitching &<br>retaining walls on<br>site  | 1,50,000  | -  | Solid Waste will<br>be revised in<br>proposed<br>boundary wall &<br>stone pitching<br>to reduce RCC<br>work on site             | -- | <b>15,000</b> | MSW NOC is<br>attached with<br>hard copy<br>reply. Vide<br>letter no.<br>89/SWA.V./2<br>015 dated<br>18/08/2015 |
|    |  | Permission for<br>Disposal of Solid<br>waste from BMC<br>obtained from 2015  | --        | -- | Street garbage<br>shall be<br>controlled<br>segregated<br>transferred and<br>disposed oil by<br>Nagar Nigam<br>Bhopal.          | -- | --            | --  |
| 15 | Energy<br>conservation &<br>Energy Efficiency<br>(LED bulb & Solar<br>System)  | Solar light proposed<br>upto 30 KW.  | 13,50,000 | -- | Provisional of<br>the solar panels<br>for streets<br>lighting &<br>common areas   | -- | <b>75,000</b> | We have<br>proposed<br>Solar Power<br>of 30 KW.   |

|    |  |   |   |   |   |                  |                 |   |
|----|--|---|---|---|---|------------------|-----------------|---|
|    |  |   |   |   | and LED light for commercial unit   |                  |                 |   |
| 16 | D G Sets                                     | Till date RMC has been used for construction.   | - | -   | -   | --               | --              | We have not used DG set in our construction phase.  |
| 17 | Parking & Roads                              | Approach road already exists sufficient space excises for Parking   | - | -   | In our project we have propose 1003 ECS parking for multi unit and plot owners will have their own parking space. | --               | --              | All adequate parking facilities have been provided as per T&CP norms.   |
| 18 | Transportation of materials for construction | Till date 22.15% construction have been done. Some miscellaneous transportation work had not been done in appropriate manner. Hence we are proposing some rounded amount under remediation plan | - | <b>1,00,000 (amount may be proposed for plantation) (only 22.15% construction has been completed till date)</b> | Storage hall/service yard will be for materials stacking during further 77.85 % construction.                     | --               | --              | Some miscellaneous transportation work had not been done in appropriate manner. Hence we are proposing some rounded amount in our remediation cost. |
| 19 | Disaster Management Plan                     | -   | - | -   | Centralized control room with ERP system  | --               | --              | All fire & safety facilities have been provided for the 22.15% constructed area.  |
|    | a) Fire                                      | Machines were equipped with their fire extinguishing  | - | -   | Fire fighting organizing and arrangement:   | <b>40,00,000</b> | <b>4,00,000</b> | All fire & safety facilities have   |

|  |                                 |   |                    |                   |   |                      |                     |  |
|--|---------------------------------|---|--------------------|-------------------|---|----------------------|---------------------|--|
|  |                                 | equipments. Till date on 22.15% construction have been done   |                    |                   | External fire hydrant system, hose pipes, pumps with control panel, overhead tanks, first aid, fire extinguishers, sand buckets, Manual and automatic fire alarm, main security room etc. |                      |                     | been provided for the 22.15% constructed area. |
|  | a) Accident al & First aid etc. | First aid kit & room provided on site, enclosed photos<br>No accident or injury is reported during the earlier construction period. | -                  | -                 | First aid kit for worker's safety on site   | -                    | -                   |  |
|  | a) Safety                       | All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.                             | -                  | -                 | All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.   | -                    | -                   |  |
|  |                                 |   | <b>24,86,500/-</b> | <b>4,14,124/-</b> |   | <b>1,10,25,876/-</b> | <b>14,59,400</b>    |  |
|  |                                 | Total Capital cost for Remedial Plan  | Say                | <b>24.86 Lacs</b> | Total capital cost for EMP  | Say                  | <b>110.25 Lacs.</b> |  |
|  |                                 | Total Recurring cost for Remedial Plan  | Say                | <b>4.14 Lacs</b>  | Total Recurring Cost for EMP  | Say                  | <b>14.59 Lacs.</b>  |  |
|  |                                 |   | Total              | <b>29 Lacs</b>    |   |                      |                     |  |

|   |              |
|---|--------------|
| Total Remediation Cost for Construction (Capital & Recurring) | INR 29 Lakhs |
|---|--------------|

|                           |                  |
|---------------------------|------------------|
| <b>Total cost for EMP</b> |                  |
| Capital                   | INR 110.25 Lakhs |

|  |                         |
|--|-------------------------|
| Recurring (Operational Phase maintenance cost) | INR 14.59 Lakhs         |
| <b>Total</b>                                   | <b>INR 124.84 Lakhs</b> |

| Corporate Environment Responsibility (CER) Budget Allocation as per OM F.No.22-65/2017-IA.III dated 1 <sup>st</sup> May 2018 by MoEF&CC  |   |  |
|--|---|--|
| CER activities as per notifications  |   | Proposed Budget for CER  |
| Infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, electrification including solar power, solid waste management facilities, avenue plantation etc. | <b>Implementation area</b><br>Schools & Colleges of city and adjacent villages. | We have proposed 2% of the project cost (INR 4.00 Crores – Land and Machinery cost) which is approx. 8.00 lakhs. |

Thus as above, PP has proposed Rs.139.25 Lakhs (Rs. 29.00 Lakhs as Remediation Cost and Rs. 110.25 Lakhs for Environment Management Plan as capital and Rs. 14.59 Lakhs and recurring cost ) for this project and PP, M/s. Western Colonizers - Developers, 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal, MP – 462042 has proposed to submit bank guarantee of INR Rs. 29.00 Lakhs towards Remediation Plan.

Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs. 29.00 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Construction of Western Courtyard, Western Court, Western Heights, Singapur Villas & J.K.Town - Phase II (Total Plot Area = 1,60,600 sqm (16.06), Total Built-up Area = 1,24,683.43 sqm) at Khasra no. 336/2/1, 337, 338/3, 339/1, 339/2, 340/2, 341/1/2, 319, 329, 331/2, 332/3/3, 333, 336/2/2, 338/2, 332/3/2, 341/1/1, 340/1, 331/1, 332/3/1, Village - Banjari, Tehsil - Huzur & Dist. Bhopal, MP . Env. Con. – In Situ Enviro Care, Bhopal - (M.P.), Category: 8 (a) Building & Construction Project. subject to the following special conditions and

submission of bank guarantee (BG) with 03 years validity of Rs. 29.00 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board , with following additional conditions:

### **Statutory Compliance**

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

### **II. Air Quality Monitoring and preservation**

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 08 Diesel power generating sets 1280 kVA (08 x 160kVA) proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed

for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG sets 1280 kVA (08 x 160kVA) shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

### **III. Water quality monitoring and preservation**

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 756 KLD out of which 468 KLD is fresh water requirement and 572 KLD will be the total recycled water generated, out of which 238 KLD recycled water will be used for flushing and 50 KLD water will be used for horticulture.



- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fires water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 13 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 15 m<sup>3</sup>/annum . Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xv. All recharge should be limited to shallow aquifer.
- xvi. No ground water shall be used during construction phase of the project.

- xvii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xviii. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xix. Sewage shall be treated in the MBBR based STP (Capacity - 800 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xx. The waste water generated from the project shall be treated in STP of 800 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxi. No sewage or untreated effluent water would be discharged through storm water drains.
- xxii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

#### **IV. Noise monitoring and prevention**

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

#### **V. Energy Conservation measures.**

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.

- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv. Energy Conservation measures like installation of CFLs/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-law's requirement, which is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

## **VI. Waste Management**

- i. Total waste 2186 Kg/day, this consist all types of wastes (as Organic waste 1202 Kg/day and non- organic waste 903 Kg/day) Domestic waste 2150 Kg/day , Horticulture waste 33, Kg/day and these all type of waste shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.

- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

## **VII. Green Cover**

- i. Total 773 trees shall be planted in the area of 11422.46 sq.m which is developed as greenbelt development.
- ii. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

## **VIII Transport**

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

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

- a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
- b. Traffic calming measures.
- c. Proper design of entry and exit points
- d. Parking norms as per local regulation

- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 1003 ECS (in which 162 ECS for Basement parking, 568 for ECS for Silt parking and 273 for open parking).
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

## **IX. Human health issues**

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

**X. Corporation Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. PP has proposed Rs.139.25 Lakhs (Rs. 29.00 Lakhs as Remediation Cost and Rs. 110.25 Lakhs for Environment Management Plan as capital and Rs. 14.59 Lakhs and recurring cost) for this project.
- vi. The M/s Western Colonizers - Developers, 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal, MP – 462042 has proposed to submit bank guarantee of INR 29.00 Lakh towards Remediation Plan /Restoration Plan.
- vii. For this project PP has proposed Rs 8.0 Lakhs as Corporate Environment Responsibility (CER) for remaining project component.

**XI. Miscellaneous**

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).

- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

2. **Case No. - 5788/2018 Shri Dinesh Devendra Agrawal, Khasra No. 274, Village - Sonegaon, Tehsil - Tirodi, Dist. Balaghat, MP Prior Environment Clearance for Modernization of Manganese Mine in an area of 4.99 Ha. (4,961 tonne per annum of Mn + 2,126 tonne per annum of rejects + 4,687 tonne per annum of Waste) (Khasra No. 274) at Village- Sonegaon, Tehsil - Tirodi, Dist. Balaghat (MP). Env. Con.: CSIR-Central Institute of Mining and Fuel Research (Council of Scientific & Industrial Research) Barwa Road, Dhanbad Jharkhand.**

This is case of Modernization of Manganese Mine in an area of 4.99 Ha. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra No. 274) at Village- Sonegaon, Tehsil - Tirodi, Dist. Balaghat (MP) The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 335<sup>th</sup> SEAC meeting dated 01/12/2019. It being a case of major mineral, after presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR's and as per annexure-D:

- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
- Top soil management plan.
- Land use plan should be plotted on the map.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.

- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Hydro geological studies should be carried out and be discussed in the EIA report.
- DFO Certificate to be submitted by PP along with EIA report.

PP has submitted the EIA report vide letter dated 04/12/2019 which was forwarded through SEIAA vide letter no. 3468 dated 09/12/2019

EIA was presented by the PP and their consultant wherein during presentation several anomalies/mistakes were observed by the committee in the final EIA report/ data of the EIA report and shown in presentation were not corresponding with each other which is not acceptable and therefore after presentation committee asked PP to submit Revised EIA Report (as per EIA Notification, 2006) making necessary corrections as pointed out during presentation. PP was also asked to submit details on following:

- Point-wise TOR compliance with its proper indexing of the content.
- Inventory of the trees in lease area.
- Revised & complete DFO certificate as per additional ToR point.
- Some scheduled –I species are recorded in study area as per the submitted EIA report, hence protection Plan is needed, as per wildlife protection and conservation act.
- All the original reports, back-up data, copy of log books with its calculation of air, water, noise and soil are to be submitted from accrditated labs.
- Average values of P.M 2.5 needed to be cross check as they are entirely different in EIA report and final presentation.
- Revised EMP & CER as suggested during presentation.
- Revised plantation scheme as suggested during presentation.

3. **Case No. 4070/15 Shri Om Prakash Rai R/o P.O. Maihar, District-Satna (MP)-485771 prior Environment Clearance for approval of Barahiya Limestone Mine in an area of 2.017 ha. (Lime Stone – 17,600 TPA and Reject Stone – 10,000 TPA) at Khasra no.-206, 128, 204, 214, -133, 134, 126, 127, 205, 212, 213, Village-Barahiya, Tehsil-Maihar, District-Satna (MP). EIA Presentation. Env.Consultant: Aplinka Solutions & Technologies Pvt. Ltd.**

The case was presented by the PP and their consultant in 267<sup>th</sup> SEAC meeting dated 15/01/2016. It being a case of major mineral, it was decided to consider this case as B-1



category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

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. Any alternate route avoiding the nearby habitations.

The case was discussed in 340<sup>th</sup> SEAC meeting dated 30/01/2019 as ToR Valid was up to 14/01/2019. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be delisted.

SEIAA forwarded this case file to SEAC vide letter no 2439 dated 01/03/2019 stating that: PP has submitted an application on 21.01.2019 with revised Form-I and PFR for reconsideration the case as per OM dated 29.08.2017 issued by MoEF&CC and requested to extend ToR validity for one year from the completion of three years with additional capacity of Reject Stone 10,000 TPA.

The case was presented by the PP and their consultant in 353<sup>rd</sup> SEAC Meeting dated 19/03/2019 wherein during discussion PP informed that there is no change in the production and requested committee that in the light of the above notification dated 29/08/2017 for extension in the validity of TOR for one year. After deliberations, the committee recommends that the TOR validity may be extended for one year with validity up to 13/01/2020 based on revised from-1 and PFR submitted by PP as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (part) dated 29/08/2017.

PP has submitted the EIA report vide letter dated NIL which was forwarded through SEIAA vide letter no. 3593 dated 20/12/2019.

EIA was presented by the PP and their consultant wherein during presentation PP has submitted Detailed Chronology of this project:

| <b>PARTICULARS</b>  | <b>FILE NO. /DOCUMENT NO</b> |
|---|------------------------------|
| 1 <sup>st</sup> grant for 10 years period                   | 02.10.1992 to 01.10.2002     |
| 1 <sup>st</sup> renewal of Mining Lease for 20 years period | 02.10.2002 to 01.10.2022     |
| 50 years extension as per MM(D & R) Amendment act           | 02.10.1992 to 01.10.2042     |

|   |  |
|---|--|
| 2015  |  |
| Approval of Mining plan along with progressive mine closure plan has been approved by IBM, O/O The Regional Controller of Mines, Jabalpur | Letter no MP/SATNA/LIMESTONE/RMP-35/18-19 dated 20/11/2018 |
| Forest NoC  | No. 5273 9/9/2015  |
| ToR letter was granted by SEIAA, MP   | 264/PS-MS/MPPCB/SEAC/M/TOR (267)/2016 dated 2/03/2016      |
| TOR Extension   | 170/PS-MS/MPPCB/SEAC/ (353)/2019 dated 24/04/2019          |
| Public Hearing was done at mine site in the presence of ADM, Satna (Sh. I.J.Khelkho)  | 14/06/19   |

During presentation it was observed by the committee through the Google image that no significant plantation was done since grant of lease which was also confirmed by the consultant for which committee recommended that additional 1000 trees shall be planted by the PP as compensatory plantation (environmental compensation) along with proposed 2000 trees. Committee further recommends that out of additional 1000 trees, 200 trees shall be planted within 15 days and proof of same shall be submitted with photographs and Drone videography of lease area for considering this case. Following additional query reply shall be submitted by the PP for further consideration of this project:

- Top soil management plan is to be submitted.
- Revised plantation scheme by replacing जामुन species to सिसू as suggested by the committee.
- Revised CER as suggested by the committee during presentation.
- Commitment from the PP that 300 meters of safeguard shall be maintained from the blasting area.

**4. Case No. – 6715/2019 Ms. Veena Chaturvedi, M.M.Choubey ward, Behind Chaturvedi Complex, Dist. Katni, MP, Prior Environment Clearance for Limestone Quarry in an area of 2.65 ha. (50,000 tonne per annum) (Khasra No. 76), Village - Rajarwara, Tehsil - Vijayraghavgarh, Dist. Katni, MP.**

This is case of Limestone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 76), Village - Rajarwara, Tehsil - Vijayraghavgarh, Dist. Katni, (MP) 2.65 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant wherein following details were submitted:

- The Mining lease was granted in favour of Shri Umesh Nath Chaturvedi for periods of 20 years by the State Govt. vide order dated 07/12/1993. The ML was executed for 20 years period over an area of 3.31 ha w.e.f. 07/12/1993 to 06/12/2013.
- The lessee sadly demised in the year 2006 and the ML was substituted in the name of his wife Smt. Urmila Chaturvedi being the legal heir on 27.09.2011.
- The State Govt. intended vide LOI for renewal of ML over 2.902 ha area and hence the application for EC was made over the said area and TOR was issued on 08.07.2015.
- The EIA was prepared and filed for public hearing as per the TOR.
- During the course of extension of ML for 50 years period from date of first grant i.e 07/12/2013 to 06/12/2043 under MM (D & R) Amendment Act, 2015 the area was curtailed to 2.65 ha. and accordingly the TOR was revised and extension sought for further one year.
- The lessee Smt. Urmila Chaturvedi expired on 03.02.2018.
- After the death of Smt. Urmila Chaturvedi, the ML has been substituted in the name of Smt. Veena Chaturvedi her legal heir by the State Govt. on 06.10.2018.
- The revised EIA was submitted for public hearing but due to implementation of code of conduct during election, the TOR expired on 19.06.2019.
- Hence a new application for TOR is being submitted.
- Cost of the proposed project is Rs. 80 lakh.
- The total mine lease area is 2.65 ha, which is non Forest Area.
- The topography of the area is almost plain having gentle slope towards South direction.
- Site services will be constructed as per Mines Act and Mines Rule 1955.
- Mining activities are proposed to be carried out in the area of 1.4626 ha at the end of mine life, out of which total area will be rehabilitated by afforestation.
- About 16284 cu.m. Soil will be generated during proposal period which will be dumped in the Eastern & Southern barrier zone. About 23891 cu.m of OB/waste will be generated from the mine which will be Southern Western part of the area backfilled in mined out area & also be used in road maintenance.
- Opencast semi mechanized mining method of mining will be adopted in the lease area.
- No impoundment or damming is involved in the project. The ultimate depth of mining will be 31 meter below general ground level.
- The water table is about 40m-45m below the ground level. No change is anticipated in the hydrology of watercourses or aquifers by the mining operation.
- The project does not involve any closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements.

PP further submits that they have already collected Environmental monitoring baseline data of this area, committee recommended to carry-out one month additional data for validation. Committee after deliberations decided that: It's being a case of major mineral, committee consider this case as B-1 category and recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
2. All the heavy metals shall be analyzed in soil samples
3. Any issue related to R&R shall be detailed out in the EIA report.
4. Inventory of existing trees in lease area are to be submitted in Final EIA Report.

5. **Case No. – 6716/2019 M/s Hiralal Sunderlal Agrawal C/o M/s Hiralal Rajendra Kumar Agrawal, P.O. Jaitwara, Dist. Satna (MP) Prior Environment Clearance for Ochre and Laterite Quarry in an area of 14.57 ha. (Laterite – 1,05,000 tonne per annum, Ochre – 10,000 tonne per annum) (Khasra No. 248P), Village - Baderakala, Tehsil - Birsinghpur, Dist. Satna, MP.**

This is case of Ochre and Laterite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 248P), Village - Baderakala, Tehsil - Birsinghpur, Dist. Satna, (MP) 14.57 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant, wherein following details were submitted:

- The Mining lease was 1<sup>st</sup> granted for 10 year in favor of M/s Hiralal Sunderlal Agrawal by State Govt vide letter no 98/1402/12 , Bhopal dated 07.01.1981 .
- The first Mining lease agreement was executed on 13/05/1981 for a period of 13/05/1981 to 12/05/1991.
- The 1st renewal was granted for 10 years period w.e.f. 13.05.1991 to 12.05.2001.
- The ML was extended for another 10 years period vide state govt. order No. 3-265/90/12/2 dated 02.09.2003
- Supplementary deed was executed 06/12/2003.
- The area has been extended for period up to 31.03.2025 under the provisions of Rule 22 (3) (b) of MP Minor Mineral Rule 1996.

- Mining plan has been approved by DGMMP, Bhopal vide letter no. 13557/MP/G-8/18-2017, Bhopal dated 23/08/2018.
- Cost of the proposed project is Rs. 100 lacs.
- The estimated life of mine is 7 year based on the available reserve and total production proposed.
- The total mine lease area is 14.57ha.
- Site services have been constructed as per Mines Act and Mines Rule 1955.
- Mining activities are proposed to be carried out in the area of 9.81 ha., It will be backfilled followed by plantation and remaining 4.76 ha. area will be covered under green belt. The height of the backfilling will be 0.50 m to 1.5m.
- OB/waste will be simultaneously backfilled in the mined out area.
- No impoundment or damming is involved in the project. The ultimate depth of mining will be 324 mRL (6 m bgl) below general ground level (330 mRL)
- The mining will be restricted above 14 m above ground water table. No change is anticipated in the hydrology of water courses or aquifers by the mining operation.
- The project does not involve any closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements.

The case was presented by the PP and their consultant to obtain TOR for EIA of Ochre and Laterite Quarry (Laterite – 1,05,000 tonne per annum, Ochre – 10,000 tonne per annum). Being it's a case Laterite & Ochre with total area of 14.57 ha., 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. Inventory of existing trees with their girth details in lease area are to be submitted in Final EIA Report.
2. Heavy metals shall be analyzed in soil samples.
3. 8-10 locations shall be selected for AAQ monitoring and 08 for ground water sample shall be taken for baseline data.

6. **Case No. – 6609/2019 M/s Modiram Ramlal, Partner Shri Neeraj Gupta, R/o 22/5, Katghat, Dist. Allahabad, UP – 486001 Prior Environment Clearance for Silica Sand Deposit in an area of 12.096 ha. (25,000 cum per annum) (Khasra No. 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 227, 258 (Kotwa khas), 1, 2 (Hadhai)), 1,2,3,4,5,6,425,435,436,(Hardauli) Village - Kotwa Khas Hadhai Hardauli Dabhaura, Tehsil - Jawa, Dist. Rewa (MP).**

This is case of Silica Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 227, 258 (Kotwa khas), 1, 2 (Hadhai)), 1,2,3,4,5,6,425,435,436,(Hardauli) Village - Kotwa Khas Hadhai Hardauli Dabhaura, Tehsil - Jawa, Dist. Rewa (MP).12.096 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. 4704 dated: 27/6/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for 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. Earlier PP was also absent in 410<sup>th</sup> SEAC meeting dated 02/12/2019 & 405<sup>th</sup> SEAC meeting dated 08/11/2019. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

7. **Case No. – 6706/2019 Shri Rajesh Chauradiya S/o Shree Babulal Chauradiya, 14, Neem Chauk, Jaora, Dist. Ratlam, MP – 457226. Prior Environment Clearance for Crusher Stone Quarry in an area of 4.00 ha. (48,500 cum per annum) (Khasra No. 116), Village - Banwada, Tehsil - Jaora, Dist. Ratlam, (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 116) Village - Banwada, Tehsil - Jaora, Dist. Ratlam, (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. 2049 dated: 06/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said 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.

8. **Case No. – 6663/2019 Smt. Kalpana Jain W/o Shri Sharad Kumar, Village - Salaiya, Tehsil - Badwara, Dist. Katni, MP Prior Environment Clearance for Dolomite Mine in an area of 3.92 ha. (20,170 tonne per annum) (Khasra No. 402, 412, 413), Village - Salaiya, Tehsil - Barwara, Dist. Katni, (MP).**

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 402, 412, 413), Village - Salaiya, Tehsil - Barwara, Dist. Katni, (MP) 3.92 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. 1477 dated: 08/04/19 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine total area of 20.93 ha., including this mine.

The case was scheduled for 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. Earlier PP was also absent in 409<sup>th</sup> SEAC meeting dated 28/11/2019. 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.

9. **Case No. – 6661/2019 Shri Dharamraj Yadav S/o Shri Ramcharan Yadav, Nagna Thana, Nariyalwali, Tehsil & Dist. Sagar, MP – 484881 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (50,038 cum per annum) (Khasra No. 201/1), Village - Bicharpur, Tehsil - Pushprajgarh, Dist. Anuppur, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 201/1), Village - Bicharpur, Tehsil - Pushprajgarh, Dist. Anuppur, (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 Tehsildar's Office letter No. 54 dated: 13/03/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for 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. Earlier PP was also absent in 409<sup>th</sup> SEAC meeting dated 28/11/2019. 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.

10. **Case No. – 6709/2019 Shri Sushil Kumar Tripathi, Village and Post - Sumeda, Tehsil - Huzur, Dist. Rewa, MP, - 486333 Prior Environment Clearance for Stone Quarry in an area of 1.801 ha. (15,980 cum per annum) (Khasra No. 96/2), Village - Sumeda, Tehsil - Huzur, Dist. Rewa, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 96/2), Village - Sumeda, Tehsil - Huzur, Dist. Rewa, (MP) 1.801 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.6212 dated: 29/11/2019 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine total area of 2.619 ha., including this mine.



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

| Sensitive Features | Approximate aerial distance from the lease area in meters | Direction | Remarks   |
|--------------------|---|-----------|---|
| PMGSY road         | >50   | South     | Controlled blasting with arrangements of sand bags and three rows of Plantation in this side. |

After presentation the committee asked to submit following details:

- Blasting details and protection measures proposed for nearby passing road.
- PP's proposal for sowing Prosopis seeds on extracted soil dig out for garland drain preparation.
- Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 07.01.2020, 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 15,980 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.73 Lakh as capital and Rs. 3.46 Lakh and under CER Rs. 1.35 Lakh/ year has proposed.

**11. Case No. – 6711/2019 Shri Santosh Kumar Tiwari (Sohgaura) S/o Late Shri Rajendra Prasad Tiwari, Bankuiya, Huzur, Dist. Rewa, MP – 486001 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (17,228 cum per annum) (Khasra No. 1560/1, 1560/2, 1560/4, 1561/1, 1561/2), Village - Dadar, Tehsil - Huzur, Dist. Rewa (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1560/1, 1560/2, 1560/4, 1561/1, 1561/2), Village

- Dadar, Tehsil - Huzur, Dist. Rewa (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's Office letter No.5374 dated: 13/09/2019 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine total area of 4.00 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 within 500 meters following sensitive other sensitive features-

| <b>Sensitive Features</b> | <b>Approximate aerial distance from the lease area in meters</b> | <b>Direction</b> | <b>Remarks</b>  |
|---------------------------|--|------------------|---|
| Habitation                | >170   | North-West       | <ul style="list-style-type: none"><li>• Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.</li><li>• Orientation from mine shall be from South to West</li></ul> |

PP further stated that all mining operations in Lease area of 2.00 ha., will be undertaken by Open Cast Semi-Mechanized Method. Committee recommended that due to nearest habitation orientation from mine shall be from South to West. 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 17,228 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.90 Lakh as capital and Rs 4.31 Lakh/year and under CER Rs. 0.60 Lakh/years has proposed.

**12. Case No. – 6690/2019 Shri Manish Kumar Shukla, 23, New Jivaji Nagar, P&T Colony, Thatipur, Dist. Gwalior, MP – 473551 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (8,265 cum per annum) (Khasra No. 335/min-3), Village - Enwara, Tehsil - Badarwas, Dist. Shivpuri, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 335/min-3), Village - Enwara, Tehsil - Badarwas, Dist. Shivpuri, (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 Tehsildar Office letter dated: 15/07/15 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation in the 412<sup>th</sup> SEAC meeting dated 09/12/2019 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.

The case was presented by the PP and their consultant, during presentation as per Google image based on coordinates provided by PP within 500 meters following sensitive other sensitive features-

| <b>Sensitive Features</b> | <b>Approximate aerial distance from the lease area in meters</b> | <b>Direction</b> | <b>Remarks</b>   |
|---------------------------|--|------------------|--|
| Canal                     | Crossing the lease   | North-East       | <ul style="list-style-type: none"><li>• Setback of 100 meters from canal from both side shall be maintained</li><li>• Protection plan is needed</li></ul>  |
| Sindh River               | >275   | South-East       | <ul style="list-style-type: none"><li>• Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.</li><li>• Provision of Garland drain &amp; settling tanks.</li></ul> |

During presentation it was observed that a canal is passing the lease from the South East to North-East side for which PP has submitted the NOC taken from Water Resource Department vide letter no 753 dated 13/03/2018, according to which the canal is presently closed. Committee after deliberation decided that PP shall submit revised certificate from the Concerned Water Resource Department stating that canal is not in use for irrigation.

**13. Case No. – 6701/2019 M/s J.J.Granite, Partner, Smt. Madhu Jain W/o Shri Anil Kumar Jain, 125, Sharda Vihar Colony, Dist. Gwalior, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.380 ha. (45,276 cum per annum) (Khasra No. 147/1), Village - Rafatpur, Tehsil - Gwalior, Dist. Gwalior, (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 147/1), Village - Rafatpur, Tehsil - Gwalior, Dist. Gwalior, (MP) 2.380 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. QL-97 dated: 11/04/19 has reported that there are 17 more mines operating or proposed within 500 meters around the said mine total area of 33.891 ha., including this mine.

The case was scheduled for 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. Earlier PP was also absent in 412<sup>th</sup> SEAC meeting dated 09/12/2019. 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.

**14. Case No. – 6713/2019 Shri Swapnil Wycliffe S/o Shri Vinod Wycliffe, New Christian Colony, Dist. Sagar (MP) Prior Environment Clearance for Flag Stone Quarry in an area of 1.360 ha. (1,680 cum per annum) (Khasra No. 739/1, 738/1, 738/2, 738/8), Village - Ujnethi, Tehsil - Sagar, Dist. Sagar (MP).**

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 739/1, 738/1, 738/2, 738/8), Village - Ujnethi,

Tehsil - Sagar, Dist. Sagar (MP) 1.360 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.380 dated: 20/02/2019 has reported that there are 09 more mines operating or proposed within 500 meters around the said mine total area of 18.22 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. – 6710/2019 Smt. Mandvi Dixit, W/o Shri Neeraj Dixit, Village - Urdmad, Tehsil - Maharajpur, Dist. Chhatarpur, MP – 471510 Prior Environment Clearance for Stone Quarry in an area of 3.00 ha. (20,000 cum per annum) (Khasra No. 387 Parts), Village - Gorari, Tehsil - Maharajpur, Dist. Chhatarpur, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 387 Parts), Village - Gorari, Tehsil - Maharajpur, Dist. Chhatarpur, (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's Office letter No.2740 dated: 14/06/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, during presentation as per Google image based on coordinates provided by PP within 500 meters following sensitive other sensitive features-

| <b>Sensitive Features</b> | <b>Approximate aerial distance from the lease area in meters</b> | <b>Direction</b> | <b>Remarks</b>  |
|---------------------------|--|------------------|---|
| Trees                     | Within lease   | -                | <ul style="list-style-type: none"> <li>Inventory of trees shall be submitted</li> </ul> |

During presentation it was observed that there are many fully grown trees are in existence within the lease area, for which PP submitted that there are 30 trees. PP further submitted that the area occupied by trees will be left as non mining area and no mining will be carried out. Committee asked PP to mark the location on surface map and submit the revised proposal with area details along with surface and production map.

PP has submitted the response of above quarries same date vide letter dated 07.01.2020, in which PP submitted the inventory of trees, stated 30 are existing trees, also PP blocked these area of 0.90 ha. as non- mining area, and available for mining is proposed 2.10 ha. for which PP has submitted revised production plan , The received query reply 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 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 16.85 Lakh as capital and Rs. 3.66 Lakh and under CER Rs. 1.20 Lakh/ year has proposed.

**(Dr. Sonal Mehta)**  
**Member**

**(Dr. Rubina Chaudhary)**  
**Member**

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

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

**(R. Maheshwari,)**  
**Member**

**(R.S.Kori)**  
**Member Secretary**

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

**Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:**

**Annexure- 'A'**

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

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. 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.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. 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.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.

**Annexure- 'B'**

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

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. 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 trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys 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.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.



8. 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.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring 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.
12. 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.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
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. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. 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.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. 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.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

**Annexure- 'C'**

**Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries\***

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
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 mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. 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.

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. 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.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure 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. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. 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.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. 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.
12. 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.
13. Grant of TOR does not mean grant of EC.
14. 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. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. 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.
16. 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.
  17. All the necessary NOC's duly verified by the competent authority should be annexed.
  18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
  19. 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.
  20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
  21. 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.
  22. 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.
  23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
  24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
  25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples.

**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.**

26. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
27. Detailed analysis of availability and quality of the drinking water resources available in the block.
28. 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.
29. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.