

## Minutes of the 510<sup>th</sup> Meeting of SEIAA dated. 27.11.2018

The 510<sup>th</sup> meeting of the State Level Environment Impact Assessment Authority was convened on 27.11.2018 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Rakesh K. Shrivastava, Chairman, SEIAA. The following members attended the meeting:-

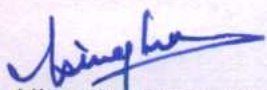
1. Shri R.K. Sharma Member
2. Shri Jitendra Singh Rajee Member Secretary

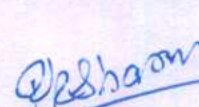
### A. Following other than mining cases and mining cases have been considered:-

S.No.	Case No.	Category	No. & date of latest SEAC & SEIAA meeting
1.	5177/2016	1(a)	329 SEAC meeting dated 23.10.18.
2.	2426/2015	1(a)	329 SEAC meeting dated 23.10.18.
3.	5664/2018	1(a)	329 SEAC meeting dated 23.10.18.
4.	5574/2017	1(a)	329 SEAC meeting dated 23.10.18.
5.	5703/2018	8(b)	331 SEAC meeting dated 25.10.18
6.	5704/2018	8(b)	331 SEAC meeting dated 25.10.18

#### 1. Case No.5177/2016 - Prior Environmental Clearance for Laterite, Bauxite & Fireclary Mine (Open cast other than fully mechanized method) in an area of 5.901 ha. for expansion in production capacity from 10,000 TPA to 1,62,237 TPA at khasra no. 1 at Village-Mohla, Tehsil-Sihora, District-Jabalpur by Shri Sharda Prasad Jaiswal, R/O Lakhera Mohalla, Kawasji Ward, Near Vivekanand Chowk, P.O. ACC, District-Katni (MP)-483501

- (1) This is a project pertaining to mining of Laterite, Bauxite & Fireclary Mine in MLA of 5.901 ha. The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National Park /Sanctuary etc. thus it is not attracted by the general conditions and falls under category 'B-1" by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease period of 50 Years (26.02.1997 to 25.02.2047) with expansion in production capacity from 10,000 TPA to 1,62,237 TPA .
- (2) SEAC in its 329<sup>th</sup> SEAC meeting dated 23.10.2018 has recommended the case with 33 special conditions for issuance of EC.
- (3) The case was then discussed in 508<sup>th</sup> SEIAA meeting dated 15.11.2018 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (4) It was noted that as per Forest Conservator Letter No. 400 dtd. 19.02.2010, the National Park/Sanctuary is not located within 10 Km., radius from the mining site. Hence, the General Conditions are not attracted.
- (5) It was noted that the water requirement is 88.0 KLD (76.0 KLD for Dust Suppression + 10.0 KLD for Green Belt + 2.0 KLD for Domestic), which shall be met from Mine sump, Settling tank & Tanker (drinking purpose).

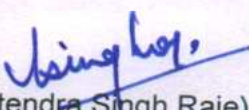
  
(Jitendra Singh Rajee)  
Member Secretary

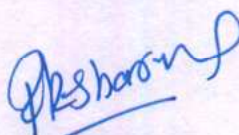
  
(R.K. Sharma)  
Member

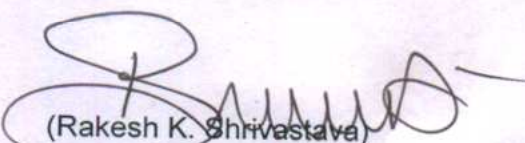
  
(Rakesh K. Shrivastava)  
Chairman



- (6) The proposed plantation programme was examined and it was found that 3.0 ha area 5580 sapling shall be covered under plantation at the end of conceptual period along with 2.75 km (2200 saplings) road side area covered under plantation.
- (7) It was also noted that the Public Hearing was carried out on 18.10.2017 at Mine Parisar Village Mohla, under the Chairmanship of ADM, Jabalpur. The major comments of applicants during public hearing are water for irrigation, access on approach road, Controlled blasting, employment of local people, construction & maintenance of existing / approach road connecting the mine & main road, Plantation on road side , regular health check-up of mine workers & water sprinkling to suppress the dust emission.
- (8) **After detailed discussions and perusal of recommendations of 329<sup>th</sup> SEAC meeting dtd 23.10.2018, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**
- I. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
  - II. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
  - III. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. Three row plantation shall be carried out in the greenbelt area in current year with proper watering arrangement.
  - IV. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
  - V. PP will plant 3 years old 2100 trees samplings of suitable indigenous fast grow tree species (neem, amla, ashok, drumstick etc.) in barrier zone/no mining zone along the transportation route during first year.
  - VI. PP shall ensure to construct and maintain 2.75 kms approach road from the mine site. Plantation will be carried out on both side of the approach road. PP shall also ensure maintenance of existing pakka road in consultation with competent authority.
  - VII. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
  - VIII. No overburden will be dumped outside the mine lease area.
  - IX. Regular air & water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorized laboratory in consultation with Regional Officer, MPPCB.

  
(Jitendra Singh Raje)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman

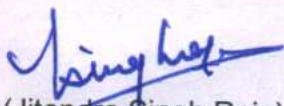


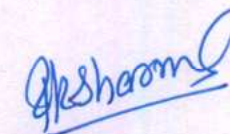
- X. PP shall ensure generation of employment opportunities nearby Village on priority bases.
- XI. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XII. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.
- XIII. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields
- XIV. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
- XV. PP shall ensure the proper water supply arrangements for plantation especially in summer season.
- XVI. PP shall ensure proper implementation of plantation, dust suppression, construction of approach road and maintenance of existing pakka road as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
- XVII. PP must ensure implementation of the following activities with separate budget provision should be kept under CSR.
  - a) Promotion of girls education.
  - b) Free medical camp.
  - c) To provide need base infrastructure facility.
  - d) To provide drinking water facility.
  - e) To provide financial support to gram Panchayat for need base facility.
  - f) To provide playground at village Mohla.

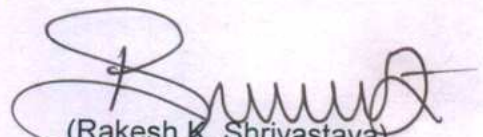
**All the modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Gram- Panchayat.**

- XVIII. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.

**Hence, Prior Environmental Clearance is granted for Laterite, Bauxite & Fireclary Mine (Open cast other than fully mechanized method) in an area of 5.901 ha. for expansion in production capacity from 10,000 TPA to 1,62,237 TPA at khasra no. 1 at Village-Mohla, Tehsil-Sihora, District-Jabalpur for the lease period to Shri Sharda Prasad Jaiswal, R/O Lakhera Mohalla, Kawasji Ward, Near Vivekanand Chowk, P.O. ACC, District-Katni (MP)-483501.**

  
(Jitendra Singh Raj)  
Member Secretary

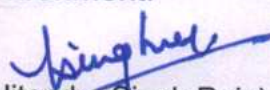
  
(R.K. Sharma)  
Member

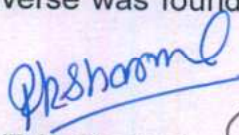
  
(Rakesh K. Shrivastava)  
Chairman

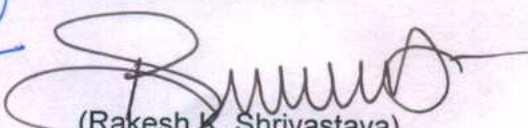


2. **Case No. - 2426/2015** Prior Environmental Clearance for **Manganese Mine** (Opencast other than fully mechanized method) in an area of 15.26 ha. for production capacity-38,000 TPA at Khasra No. – 255, 249 at Vill.-Jamli Choti & Arandi Falia, Tehsil.-Jobat, Distt.-Alirajpur -(M.P.) by M/s S.R. Ferro Alloys, Director Shri Brijendra Sharma, 9, Siddheshwar Colony, PO & Distt.-Jhabua (M.P.) – 457661

- (1) This is a project pertaining to mining of Manganese Mine in MLA of 15.26 ha. The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park/sanctuary and inter-state boundary etc. (As per EIA report Ch.- 3) thus it is not attracted by the general conditions and falls under category 'B-1' by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine with production capacity 38000 TPA.
- (2) It was reported by the PP that the lease area was granted to M/s S.R. Ferro Alloys for 30 Years (Ministry of Mines, Gol, vide L.No. 5/14/2011-M.IV dated 03.08.2011). The mining plan was approved by IBM- ALR/MN/MPLN-1123/NGP dated 29.04.2013.
- (3) PP has produced an order of the Mineral Resources Deptt. GoMP dtd. 03.09.2015 in which after hearing the case the State Govt. has established that action be taken according to the latest circular 19-5-2015/12/1 dtd. 12.03.2015, which states that "all mining leases granted before the commencement of the Mines & Minerals (Development & Regulation) Amendment Ordinance 2015 shall be deemed to have been granted for a period of fifty years
- (4) SEAC in its 329<sup>th</sup> SEAC meeting dtd. 23.10.2018 has recommended the case with 30 special conditions for issuance of EC.
- (5) The case was then discussed in 508<sup>th</sup> SEIAA meeting dtd. 15.11.2018 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (6) It was noted that the water requirement is 78 KLD (Dust Suppression – 66 KLD + Green Belt – 10 KLD + Drinking/Domestic purpose 02 KLD), which shall be met from existing mine pit, hand pump and settling tank.
- (7) The proposed plantation program was examined and it was found that 6250 trees shall be planted in an area of 3.032 ha during the lease period.
- (8) It was noted that the Public Hearing was held on 15.11.2017 at Gram Panchayat Bhavan Arandi Falia, Tehsil - Jobat, Dist. - Alirajpur (MP) under the Chairmanship of ADM, Alirajpur. The issues raised during public hearing were of general nature and nothing adverse was found regarding degradation of the environment.

  
(Jitendra Singh Raje)  
Member Secretary

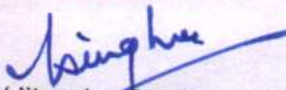
  
(R.K. Sharma)  
Member

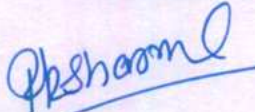
  
(Rakesh K. Shrivastava)  
Chairman

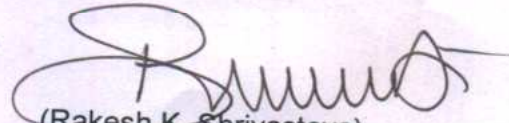


(9) After detailed discussions and perusal of recommendations of 329<sup>th</sup> SEAC meeting dtd. 23.10.2018, presentation made by the PP in SEIAA & SEAC, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-

- I. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
- II. Lease agreement shall be carried out before execution of mining operation.
- III. PP shall demarcate a barrier zone of 7.5 m as "no mining zone" in the periphery of mining lease area and developed a green belt.
- IV. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
- V. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
- VI. PP will plant 3 years old 1750 trees saplings of suitable indigenous tree species during first year with indigenous local varieties like Neem, Peepal, Mango, Karnj, Kachnaar etc. Dense plantation (3 rows) along the barrier zone and both side of approach road before execution of the mining operation.
- VII. PP shall ensure to construct and maintain 580 m RCC approach road and maintained the existing pakka road in consultation with District Administration. Plantation will be carried out on both side of approach road.
- VIII. Before commencing the mining activity, site demarcation should be done leaving 100 m. from the nalla as "no mining zone" and it will be maintained as buffer zone. The demarcation should be done by the Revenue Officials in the presence of Mining Officer, Alirajpur.
- IX. Transportation of minerals shall not be carried out inside the village area.
- X. PP ensure that blasting will be carried out as per approved mine plan and blasting not allowed in night hours.
- XI. PP shall ensure that the mine waste water should not be discharge outside the mining lease area and may reuse in the mining activities.
- XII. No overburden will be dumped outside the mine lease area.
- XIII. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
- XIV. PP shall ensure protection and conservation of existing trees falling under mining lease area and in no way these will be permitted to be cut / uprooted

  
(Jitendra Singh Raj)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman

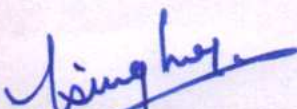


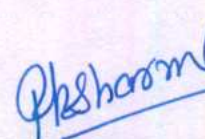
- XV. PP shall ensure generation of employment opportunities to nearby Village on priority bases.
- XVI. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XVII. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.
- XVIII. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields
- XIX. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
- XX. PP shall ensure the proper water supply arrangements for plantation especially in summer season.
- XXI. PP shall adopt Jamli Choti & Arandi Faliya village and prepare the development plan in consultation with Gram panchayat/Sarpanch under the guidance of District Collector.
- XXII. Under CSR activity in addition to the proposed activities following activities should be added.
- a) Need based support for School building repairing, toilets, fresh water supply etc through Gram Panchayat/Gram Sabha these villages Jamli Choti, Arandi Faliya, Phata and Mandavgarh).
  - b) Provide drip irrigation facility at nearby village Jamli Choti, Arandi Faliya, Phata and Mandavgarh.
  - c) Financial support to gram panchayat for need based i.e. drain line, road repairing etc. at nearby villages Jamli Choti, Arandi Faliya, Phata and Mandavgarh.
  - d) Development of playground for youth at nearby gram panchayat.
  - e) Provide computers with guest faculty in schools at nearby villages (Mandavgarh and Phata village).

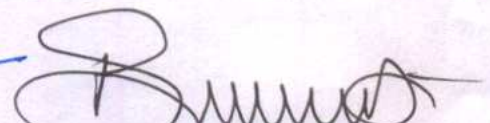
**The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Administration and Gram Panchayat.**

- XXIII. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.

**Hence, Prior Environmental Clearance is granted for Manganese Mine (Opencast other than fully mechanized method) in an area of 15.26 ha. for production capacity-38,000 TPA at Khasra No. – 255, 249 at Vill.-Jamli Choti & Arandi Falia, Tehsil.-Jobat, Distt.-Alirajpur (MP) for the lease period to M/s S.R. Ferro Alloys, Director Shri Brijendra Sharma, 9, Siddheshwar Colony, PO & Distt.-Jhabua (M.P.) – 457661.**

  
(Jitendra Singh Rajee)  
Member Secretary


  
(R.K. Sharma)  
Member

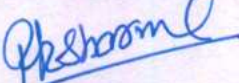
  
(Rakesh K. Shrivastava)  
Chairman

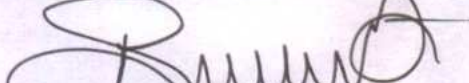


3. **Case No. 5664/2018** - Prior Environmental Clearance for Nimas Marble Mine (Open cast mechanized method) in an area of 9.20 ha for production capacity of 15248 cum/ year at khasra no – 785, 786, 787, 788, 789, 790, 791, 792, 793 & 794 at Village- Nimas, Tehsil-Bahariband, District- Katni (M.P.) by M/s A W & Sons, Mohamad Abbas (Partner), 903, Badi Omti, District-Jabalpur (M.P.)- 483501.

- (1) This is a project pertaining to mining of Marble Mine in MLA of 9.20 ha The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park and sanctuary etc. thus it is not attracted by the general conditions and falls under category 'B-2" by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease of 20 years (17.04.2017 – 16.04.2037) with production of 15248 cum/ year .
- (2) It was reported by the PP that the Mining lease granted in favour of M/s A W & Sons. for 20 year from 17.04.2017 – 16.04.2037. This is a case of existing mine.
- (3) SEAC in its 329<sup>th</sup> SEAC meeting dtd 23.10.2018 has recommended the case with 28 special conditions for issuance of EC.
- (4) The case was then discussed in 508<sup>th</sup> SEIAA meeting dated 15.11.2018 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail
- (5) It was noted that as per DFO Letter no. 2791 dated. 25.04.2011, the National Park/Sanctuary are not located within 10 Km., radius from the mining site. Hence, the General Conditions are not attracted.
- (6) It was noted that the water requirement is 72.50 KLD (56.0 KLD for Dust Suppression+ 10 KLD for Green Belt + 1.50 KLD for Domestic+ 20 KLD for Wire saw operation + 15 KLD for reuse from wire saw operation), which shall be met from Tankers & Settling tank.
- (7) The proposed plantation program was examined and it was found that 13400 sapling of tree species covering an area of 6.70 ha + 2100 m road side (1680 sapling of tree) shall be planted during the lease period.
- (8) After detailed discussions and perusal of recommendations of 329<sup>th</sup> SEAC meeting dtd 23.10.2018, **it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**
  - I. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.

  
(Jitendra Singh Raje)  
Member Secretary


  
(R.K. Sharma)  
Member

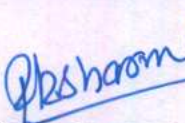
  
(Rakesh K. Shrivastava)  
Chairman




**Minutes of the 510<sup>th</sup> Meeting of SEIAA dated. 27.11.2018**

- II. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. Three row plantation shall be carried out in the greenbelt area in current year with proper watering arrangement
- III. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
- IV. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
- V. PP will plant 3 years old 1840 trees samplings of suitable indigenous fast grow tree species (neem, amla, ashok, drumstick etc.) in barrier zone/no mining zone along the transportation route during first year.
- VI. PP shall ensure to construct and maintain 2.1 kms approach road and maintained the existing pakka road in consultation with District Administration. Plantation will be carried out on both side of approach road.
- VII. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
- VIII. No overburden will be dumped outside the mine lease area.
- IX. No blasting shall be permitted in the mining lease area.
- X. Regular air & water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorized laboratory in consultation with Regional Officer, MPPCB.
- XI. PP shall ensure generation of employment opportunities nearby Village on priority bases.
- XII. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XIII. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.
- XIV. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields
- XV. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
- XVI. PP shall ensure the proper water supply arrangements for plantation especially in summer season.
- XVII. PP shall ensure proper implementation of plantation, dust suppression, approach road construction, maintenance of existing pakka road and

  
(Jitendra Singh Raje)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.

XVIII. PP must ensure implementation of the following activities with separate budget provision should be kept under CSR :

- a) Training on marble cutting & polishing.
- b) Free medical camp with reference to respiratory diseases for nearby villagers.
- c) Provision of Handpump for drinking water at village Nimas, Chhapra, Amoch, Kachhargaon (two hand pump each village).
- d) Provision for execution of need base CSR activity in consultation with consultation of gram shabha/ panchayat at village Nimas, Chhapra, Amoch, Kachhargaon

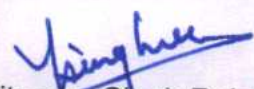
**The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Grampanchayat.**

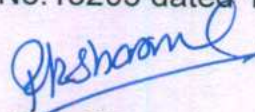
XIX. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.

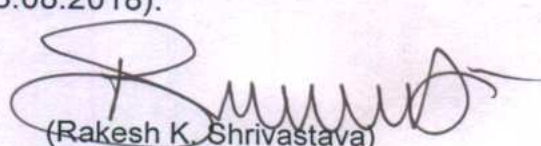
**Hence, Prior Environmental Clearance is granted for Nimas Marble Mine (Open cast mechanized method) in an area of 9.20 ha for production capacity of 15248 cum/ year at khasra no – 785, 786, 787, 788, 789, 790, 791, 792, 793 & 794 at Village- Nimas, Tehsil-Bahariband, District- Katni (M.P.) for the lease period to M/s A W & Sons, Mohamad Abbas (Partner), 903, Badi Omti, District- Jabalpur (M.P.)- 483501.**

**4. Case No. 5574/2017:** Prior Environmental Clearance for Pyrophyllite and Diaspore Mine (Opencast other than Fully Mechanized Method) in an area of 17.0 ha. for production capacity of 38063 TPA at Khasra no. 479 at Village- Khurai, Tehsil - Pichhore, Dist. Shivpuri (MP) by M/s Ishwar Mining and Industrial Corporation (Pvt.) Ltd, Mr. John George, Director In-Charge, R/o Charankamal, 7, Ishwar Nagar, Mathura Road, New Delhi.- 110065.

- (1) This is a project pertaining to mining of Pyrophyllite and Diaspore Mine in an area of 17.0 ha The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park and sanctuary etc. thus it is not attracted by the general conditions and falls under category 'B-2' by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project.
- (2) It was reported by the PP that the Mining lease was initially granted for 20 years period M/s the Ishwar Mining and Industrial Corporation (Pvt.) Ltd., w.e.f. 6.2.1999 to 5.02.2019. and extend up to 31.3.2025 as per Mineral Resources Department Notification No. F-19-3-2017-12-1 dated 13.2.2018 with production capacity of 38063 Ton per year. The mining plan has been approved by DGM (vide letter No.13205 dated 13.08.2018).

  
(Jitendra Singh Raje)  
Member Secretary

  
(R.K. Sharma)  
Member

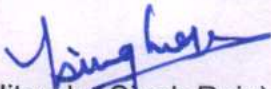
  
(Rakesh K. Shrivastava)  
Chairman





## Minutes of the 510<sup>th</sup> Meeting of SEIAA dated. 27.11.2018

- (3) SEAC in its 329<sup>th</sup> SEAC meeting dtd.30.10.2018 has recommended the case with 29 special conditions for issuance of EC.
- (4) The case was then discussed in 508<sup>th</sup> SEIAA meeting dated 15.11.2018 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (5) It was noted that as per Conservator Forest, Shivpuri, vide Endt letter. no. 7434 dtd. 7.11.2016. the National Park/Sanctuary are not located within 10 Km., radius from the mining site. Hence, the General Conditions are not attracted.
- (6) It was noted that the water requirement is 64 KLD (57 KLD for Dust Suppression+ 5 KLD for Green Belt + 1.50 KLD for Domestic activity), which shall be met from settling tank.
- (7) The proposed plantation program was examined and it was found that at the end of conceptual period about 10.0 ha will be afforested with 18500 no. of trees.
- (8) **After detailed discussions and perusal of recommendations of 329<sup>th</sup> SEAC meeting dtd. 23.10.2018, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**

- I. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
- II. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
- III. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. Three row plantation shall be carried out in the greenbelt area in current year with proper watering arrangement.
- IV. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
- V. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
- VI. PP shall ensure to plant 18150 trees of local evergreen indigenous species in 10 ha at the end of conceptual period as committed.
- VII. No overburden will be dumped outside the mine lease area.
- VIII. Regular air & water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorized laboratory in consultation with Regional Officer, MPPCB.
- IX. PP shall ensure generation of employment opportunities to nearby Village on priority bases.

  
(Jitendra Singh Raj)  
Member Secretary

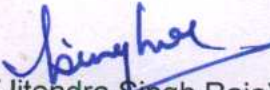
  
(R.K. Sharma)  
Member


  
(Rakesh K. Shrivastava)  
Chairman

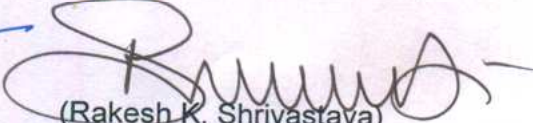


- X. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XI. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.
- XII. PP should also carry out regular sprinkling of water in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields
- XIII. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
- XIV. PP shall ensure to construct and maintain Cement Concrete approach road from the mine site. Plantation will be carried out on both sides of the approach road. PP shall also ensure maintenance of existing pakka road in consultation with competent authority.
- XV. PP shall ensure proper water supply arrangements for plantation especially in summer season.
- XVI. PP shall ensure proper implementation of plantation, dust suppression, construction of CC approach road and maintenance of existing pakka road as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
- XVII. PP must ensure implementation of the following activities. Separate budget provision should be kept under CSR.
- a. Provide 2 computers in nearby school at Khurai, Rajpur and Garhrol and associate facilities for computer education and basic education.
  - b. Need based infrastructure support for nearby school that is building repairing, toilets, fresh water supply etc through Gram Panchayat / Gram Sabha at School of Khurai, Rajpur and Garhrol.
  - c. Execute need base CSR activity in consultation with Gram Sabha / Panchayat of village at Khurai, Rajpur and Garhrol.
- The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Grampanchayat.
- XVIII. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.

**Hence, Prior Environmental Clearance is granted for Pyrophyllite and Diaspore Mine (Opencast other than Fully Mechanized Method) in an area of 17.0 ha. for production capacity of 38063 TPA at Khasra no. 479 at Village-Khurai, Tehsil - Pichhore, Dist. Shivpuri (MP) for the lease period to M/s the shwar Mining and Industrial Corporation (Pvt.) Ltd, Mr. John George, Director In-Charge, R/o Charankamal, 7, Ishwar Nagar, Mathura Road, New Delhi-110065.**

  
(Jitendra Singh Raje)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



**5. Case No.5703/2018:** Prior Environment Clearance for proposed Area Development Project of Scheme No. 169A of Indore Development Authority at Village Sukhliya, Kumedi, Narval, Bhawrasala Tehsil & District Indore MP Total Area - 150.146 ha Net Planning Area - 96.311 ha by Executive Engineer, Mr. Raman Mahajan Indore Development Authority, 7, Race Course Road, Indore, MP – 452003 E-mail idaindore7@yahoo.co.in Telephone No. 91-9893699150 Env't. Consultant: In Situ Enviro Care

- (1) This is case of Prior Environment Clearance for Area Development Project of Scheme No. - 169A, Total Area – 150.146 Ha. Net Planing Area – 96.311 Ha, at Village - Sukhliya, Kumedi, Narval, Bhawrasala, Tehsil - Indore, Dist. Indore, (M.P.)
- (2) The Area Development Project to be developed by M/s Indore Development Authority. The project is being designed to be a self-sufficient which offers amenities that exhibit a modern lifestyle at par with international standards.
- (3) The total land area of the project is 15,01,460 sq.m.(150.156 ha) out of which only 09,63,110 sq.m. (96.311ha) will be planned area for the said scheme 169 A of IDA Super Corridor. Balance area 5,88,350 sq.m. (53.835 ha) has been transferred to Govt. for public facilities development. The layout of the project is approved by T & CP Indore (vide letter no. 5820 dtd 10.07.2013). The project comes under 8 (b) category (B) of schedule of EIA Notification, 2006 because total plot area is more than 50 ha.
- (4) The case was discussed in SEAC meeting 319<sup>th</sup> dtd. 22.06.18 and 331<sup>st</sup> dtd. 25.10.18 and is recommended for grant of prior EC subject to 42 special conditions.
- (5) The case was also discussed in 509<sup>th</sup> SEIAA meeting dtd. 16.11.2018, and decided to PP may call for presentation.
- (6) After deliberation the case was discussed in detail and it is noted that:-


i. Land is proposed for area development project (Scheme No. 169A) as per Indore Development Plan - 2021 Indore Madhya Pradesh Public Semi Public (P.S.P.) use.

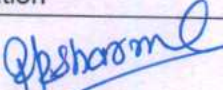
Land is proposed for area development project (Scheme No. 169) as per Indore Development Plan - 2021 Indore Madhya Pradesh Public Semi Public (P.S.P.) use.

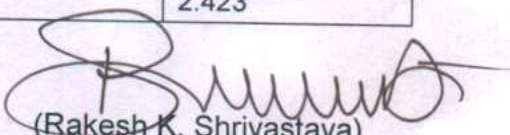
Majority of the land in this area is agriculture land i.e. 50.40%, built-up area is 24.24%. The part of land used for land with or without scrub is 20.69%, industrial area is 3.50%, Airport is 0.65%, water body is 0.43%, waste land is 0.07% and plantation is 0.02% of the total land of the study area.

The proposed land use of the project is as follows:

Area Details	Area In Ha
<b>Tot Al Land Area Sch. No. 169 A</b>	<b>150.146</b>
Exempted Land By Ida Board	52.47
Land Exempted By Director T&Cp But Pending Before Ida Board	1.365
<b>Remaining Area Of Planning</b>	<b>96.311</b>
Area Under Railway & Railway Station	2.423

  
(Jitendra Singh Raje)  
Member Secretary

  
(R.K. Sharma)  
Member

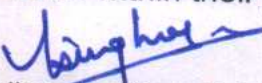
  
(Rakesh K. Shrivastava)  
Chairman

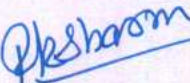


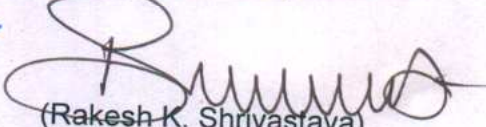
# Minutes of the 510<sup>th</sup> Meeting of SEIAA dated. 27.11.2018

Area Details	Area In Ha
Area Under River & River Buffer	2.647
Area Under Master Plan Roads	11.25
Plot Area (Super Corridor)	27.667
Under Coordinated Plotted Area (Super Corridor)	0.549
Area Of Future Planning	6.237
Community Open Space (Park And Parking Area)	10.196
Public Utility (Mpeb, Public Toi., Sw , Transfer Stn & Common Nodes)	3.446
Area Under Other Facilities (Petrol Pump & Cng Station)	0.152
Area Under Isbt	6.542
Circulation Area (Roads & Pathways)	25.202
	<b>96.311</b>

- ii. The total water requirement is approx. 13.14 MLD. The source of water supply is Indore Municipal Corporation. PP has submitted letter (dtd. 25.02.14) from Municipal Corporation Indore for water supply.
- iii. It is expected that the project will generate approx 9.15 MLD of waste water. The waste water will be treated in an existing CSTP of capacity 245 MLD provided by Indore Development Authority in Kabit Khedi, Indore, M.P. For reuse of treated effluent from common sewage treatment plant (CSTP) in flushing, horticulture etc. a separate external plumbing line would be laid by IDA. PP has submitted letter (dtd. 13.07.2016) from Municipal Corporation Indore for disposal of extra treated waste water.
- iv. Approximately 45.71 TPD (45705.7995 kg/day) Municipal Solid waste shall be generated. The generated biodegradable and non biodegradable waste will be collected separately. Solid wastes generated will be segregated into biodegradable (waste vegetables and foods etc.) and non-biodegradable (Papers, Cartons, Thermo-col, Plastics, Glass etc.) components and collected in 49 separate bins. The non- recyclable and non-biodegradable waste, sludge from STP and Biodegradable waste will be deposited at a landfill site through Municipal Corporation Indore. PP has submitted letter (dtd. 13.11.2017) from Municipal Corporation Indore for disposal of solid waste.
- v. The hazardous wastes along with other wastes in the project will be used oil from DG sets, which is classified as per The Hazardous Waste Category 5.1 as per The Hazardous Wastes (Management & Handling) Rules, 2016.  
Used oil from DG sets will be stored in HDPE drums in isolated covered facility. This used oil will be sold to authorized recyclers. Suitable care will be taken so that spills/leaks of used oil from storage are avoided
- vi. PP has proposed to provide underground fire water storage tank, Fire pumping system, Yard Hydrant System, Wet Riser System, Fire extinguisher, automatic Sprinkler System, & Fire Alarm system. etc. as per NBC 2005.
- vii. PP has proposed roof top rain water harvesting system for ground water recharging and has proposed 25 nos. of storm water collection pits. PP has submitted individual plot owner shall be responsible for the development of RWH within their plots.

  
(Jitendra Singh Raj)  
Member Secretary

  
(R.K. Sharma)  
Member


  
(Rakesh K. Shrivastava)  
Chairman

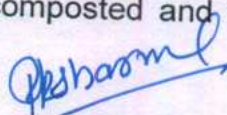


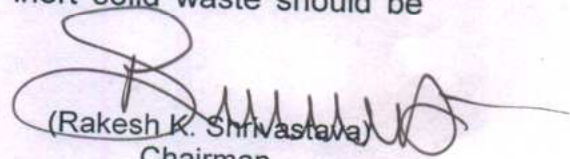
- viii. During the operational phase, two major categories of air pollution sources are under focus; the rise in vehicular activity within the project site and diesel generator sets to be operated for back-up power supply would also be important source of air pollution.
- ix. The total power requirement of the project will be 93368.9 kVA with quotient > 10 MVA which will be provided by electrical substation of 132/33 by Madhya Pradesh Kshetra Vidyut Vitran Company Limited. The proposed project is a development area and there is no proposed any DG set as a power back-up. The DG sets will be installed by the individuals purchasing the plot (Residential/Commercial) from Indore Development Authority (IDA). Energy efficient measures will be taken during construction as well as during operational phase of the project by using Solar Panel & LED etc.
- x. For plotted development, the parking shall be within the plots by plot owners. Parking Area Provided by IDA for Scheme No. 169A as per T & CP- 5850 sq.m. In this area mechanized parking will be proposed by IDA.
- xi. Total green area measures 96110 sq.m. of the plot area which will be in the form of Herbs & Shrubs, Avenue plantation, and Shelter belt and water body within the project. Trees like *Azadirachta indica*, *Delonix regia*, *Jacaranda mimosifolia*, etc. and flowering and ornamental plants have been proposed to be planted inside the premises.

The submissions made by the PP were found to be satisfactory and acceptable hence it is decided to accept the recommendations of 331<sup>st</sup> SEAC meeting dtd. 25.10.18 with 42 special conditions and accord Prior Environmental Clearance for Area Development Project of Scheme No. 169A of Indore Development Authority at Scheme No. 169A Village Sukhliya, Kumedi, Narval, Bhawrasala Tehsil & District Indore MP Total Area - 150.146 ha Net Planning Area - 96.311 ha by Executive Engineer, Mr. Raman Mahajan Indore Development Authority, 7, Race Course Road, Indore, MP - 452003, subject to following specific conditions imposed by SEIAA:-

- (1) The fresh water supply arrangement should be met through Municipal Corporation and there should no extraction of ground water.
- (2) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (3) **Disposal of waste water.**
  - (a) PP should ensure disposal of waste water arrangement should be done in such a manner that water supply sources are not impaired.
  - (b) When the municipal sewer line is laid in the project area, PP should ensure linkage with municipal sewer line for disposal of extra treated waste water.
- (4) **Solid Waste Management:**
  - (a) Separate wet and dry bins must be provided at the ground level for facilitating segregation of waste.
  - (b) The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry inert solid waste should be

  
(Jitendra Singh Rajee)  
Member Secretary

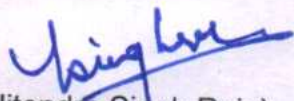
  
(R.K. Sharma)  
Member

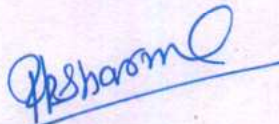
  
(Rakesh K. Shrivastava)  
Chairman

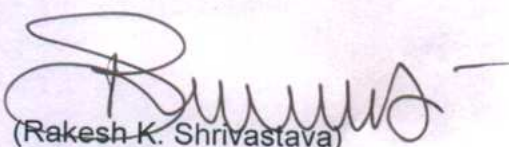


disposed off to the approved sites for land filling after recovering recyclable material.

- (c) Ensure linkage with Municipal Corporation for final disposal of MSW.
- (5) PP should ensure road width, front MOS and side / rear as per MPBVR 2012.
- (6) **For firefighting:-**
  - (a) PP should ensure construct fire station at project site as committed.
  - (b) As per MPBVR, 2012 rule 42 (3) PP should submit necessary drawings and details to the Authority (Nagar Nigam, Indore) incorporating all the fire fighting measures recommended in National Building Code part – IV point no. 3.4.6.1. The occupancy permit shall be issued by Nagar Nigam only after ensuring that all fire fighting measures are physically in place.
- (7) **For Rain Water Harvesting, and Ground water recharge:-**
  - (a) PP should ensure the rain water harvesting with 25 no. of recharging pits and these pits should be connected laterally to consume the surplus runoff. In addition, PP should provide recharging trenches. The base of the trenches should be Kachha with pebbles.
  - (b) The storm water from roof – top, paved surfaces and landscaped surfaces should be properly channelized to the rain water harvesting sumps through efficient storm water network as proposed. The budget should be included in EMP plan for storm water management.
  - (c) Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
- (8) PP should ensure to provide mechanized parking as per T & CP in an area of 5850 sq.m. and also instruction should be given to plot owners to make parking arrangement within the plots. For that, PP will impose specific condition in the lease/allotment agreement to make proper parking provision.
- (9) **For Energy Conservation PP should Ensure :-**
  - (a) Use of LED lights in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
  - (b) Solar lights provide for common amenities like Street lighting & Garden lighting.
  - (c) PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures, and other energy efficient equipments.
- (10) **Air Quality and Noise:-**
  - (a) Dust, smoke & debris prevention measures such as wheel washing, screens, barricading & debris chute shall be installed at the site during construction including plastic/tarpaulin sheet covers for trucks bringing in sand & material at the site.

  
(Jitendra Singh Raje)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



(11) **Green belt :-**


- (a) PP should ensure plantation in an area of 96110 sq.m. two rows in periphery, besides, this along the road, around open space area, parking area and other amenities. Trees of indigenous local varieties like Neem, Peepal, Kadam, Karanj, Kachnaar, Saltree, Gulmohar etc. should be planted.
- (b) The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.

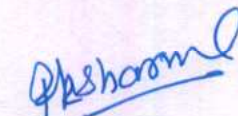
6. **Case No.5704/2018:** Prior Environment Clearance for proposed Area Development Project of Scheme No. 139 at Village Sukhliya, Kumedi, Narval, Bhawrasala Tehsil & District Indore MP Plot Area -10,44,340 sq.m Planned Area- 5,76,120 sq.m ha by Executive Engineer, Mr. Raman Mahajan Indore Development Authority, 7, Race Course Road, Indore, MP – 452003 E-mail idaindore7@yahoo.co.in Telephone No. 91-9893699150 Env't. Consultant: In Situ Enviro Care

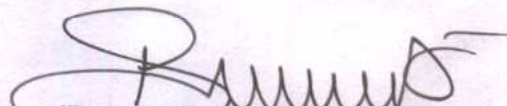
- (1) This is case of Prior Environment Clearance for Area Development Project of Scheme No. - 139A, Plot Area – 10,44,340 sq.m Planned Area – 5,76,120 sq.m., at Village - Sukhliya, Kumedi, Narval, Bhawrasala, Tehsil & District- Indore, (M.P.)
- (2) The Area Development Project to be developed by M/s Indore Development Authority. The project is being designed to be a self-sufficient which offers amenities that exhibit a modern lifestyle at par with international standards.
- (3) The total land area of the project is 10,44,340 sq.m.( 104.434 ha) out of which only 5,76,120 sq.m. (57.612 ha) will be planned area for the said scheme 139 A of IDA Super Corridor. Balance area 4,39,210 sq.m, (43.921 ha) has been transferred to Govt. and exempted from this scheme. The layout of the project is approved by T & CP Indore (vide letter no. 4689 dtd 27.08.2009). The project comes under 8 (b) category (B) of schedule of EIA Notification, 2006 because total plot area is more than 50 ha.
- (4) The case was discussed in SEAC meeting 319<sup>th</sup> dtd. 22.06.18 and 331<sup>st</sup> dtd. 25.10.18 and is recommended for grant of prior EC subject to 42 special conditions.
- (5) The case was also discussed in 509<sup>th</sup> SEIAA meeting dtd. 16.11.2018, and decided to PP may call for presentation.
- (6) After deliberation the case was discussed in detail and it is noted that:-

i. Land is proposed for area development project (Scheme No. 139) as per Indore Development Plan - 2021 Indore Madhya Pradesh Public Semi Public (P.S.P.) use.

Majority of the land in the study area is agriculture land i.e. 49.47%), built-up area is 24.76 %. The part of the land used for land with or without scrub is 21.00 %, industrial area is 3.60 %, Airport is 0.65 %, water body is 0.43 %, waste land is 0.07 % and plantation is 0.01% of the total land of the study area.

  
(Jitendra Singh Raje)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman




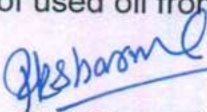
The proposed land use of the project is as follows:

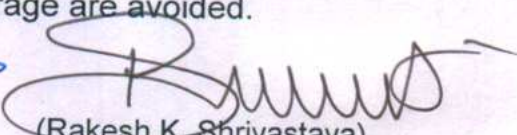
Area Statement	Area in Hect.
Total Land Area	104.434
Area of Exempted Land	002.901
Net Land Area 104.434 – 2.901	101.533
Area of Existing Slum	004.842
Green Belt in Major Road	001.900
Area of master plan roads	032.465
Area of railway line	003.005
Area of nalla	001.537
Area of bus stand	001.172
(101.533 – 43.921 Hect.)	57.612
Area of future planning area	12.484
Area of Pot Area (Super Corridor)	21.867
Area of Residential Plot	00.990
Area of Police Station	00.720
Area of Fire Station	00.416
Area of Park Parking	05.762
Area of Roads	13.911
Area of M.P.E.B. Gride	01.269
Area of Petrol Pump	00.193
Total (In Hectare)	96.311

- ii. The total water requirement is approx. 10.73 MLD. The source of water supply is Indore Municipal Corporation. PP has submitted letter (dtd. 25.02.14) from Municipal Corporation Indore for water supply.
- iii. It is expected that the project will generate approx 7.46 MLD of waste water. The waste water will be treated in an existing CSTP of capacity 245 MLD provided by Indore Development Authority in Kabit Khedi, Indore, M.P. For reuse of treated effluent from common sewage treatment plant (CSTP) in flushing, horticulture etc. a separate external plumbing line would be laid by IDA. PP has submitted letter (dtd. 13.07.2016) from Municipal Corporation Indore for disposal of extra treated waste water.
- iv. Approximately 47.703 TPD (47703 kg/day). Municipal Solid waste shall be generated. The generated biodegradable and non biodegradable waste will be collected separately. Solid wastes generated will be segregated into biodegradable (waste vegetables and foods etc.) and non-biodegradable (Papers, Cartons, Thermo-col, Plastics, Glass etc.) components and collected in 49 separate bins. The non- recyclable and non-biodegradable waste, sludge from STP and Biodegradable waste will be deposited at a landfill site through Municipal Corporation Indore. PP has submitted letter (dtd. 13.11.2017) from Municipal Corporation Indore for disposal of solid waste.
- v. The hazardous wastes along with other wastes in the project will be used oil from DG sets, which is classified as per The Hazardous Waste Category 5.1 as per The Hazardous Wastes (Management & Handling) Rules, 2016.

Used oil from DG sets will be stored in HDPE drums in isolated covered facility. This used oil will be sold to authorized recyclers. Suitable care will be taken so that spills/leaks of used oil from storage are avoided.

  
(Jitendra Singh Rajee)  
Member Secretary

  
(R.K. Sharma)  
Member

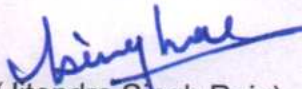
  
(Rakesh K. Shrivastava)  
Chairman

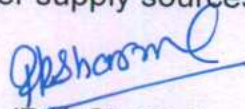


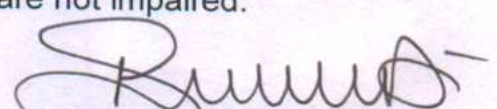
- vi. PP has proposed to provide underground fire water storage tank, Fire pumping system, Yard Hydrant System, Wet Riser System, Fire extinguisher, automatic Sprinkler System, & Fire Alarm system. etc. as per NBC 2005.
- vii. PP has proposed roof top rain water harvesting system for ground water recharging and has proposed 29 nos. of storm water collection pits. PP has submitted individual plot owner shall be responsible for the development of RWH within their plots.
- viii. During the operational phase, two major categories of air pollution sources are under focus; the rise in vehicular activity within the project site and diesel generator sets to be operated for back-up power supply would also be important source of air pollution.
- ix. The total power requirement of the project will be 34,833 kVA with quotient > 10 MVA which will be provided by electrical substation of 132/33 by Madhya Pradesh Kshetra Vidyut Vitran Company Limited. The proposed project is a development area and there is no proposed any DG set as a power back-up. The DG sets will be installed by the individuals purchasing the plot (Residential/Commercial) from Indore Development Authority (IDA). Energy efficient measures will be taken during construction as well as during operational phase of the project by using Solar Panel & LED etc.
- x. For plotted development, the parking shall be within the plots by plot owners. Parking area will be provided by IDA for Scheme No. 139 as per T & CP - 7620 sq.m. In this area mechanized parking will be proposed by IDA.
- xi. Total green area measures 50000 sq.m. of the plot area which will be in the form of Herbs & Shrubs, Avenue plantation, and Shelter belt and water body within the project. Trees like *Azadirachta indica*, *Delonix regia*, *Jacaranda mimosifolia*, etc. and flowering and ornamental plants have been proposed to be planted inside the premises.

The submissions made by the PP were found to be satisfactory and acceptable hence **it is decided to accept the recommendations of 331<sup>st</sup> SEAC meeting dtd. 25.10.18 with 42 special conditions and accord Prior Environmental Clearance for Area Development Project of Scheme No. 139 at Village Sukhliya, Kumedi, Narval, Bhawrasala Tehsil & District Indore MP Plot Area - 10,44,340 sq.m Planned Area- 5,76,120 sq.m ha by Executive Engineer, Mr. Raman Mahajan Indore Development Authority, 7, Race Course Road, Indore, MP – 452003, subject to following specific conditions imposed by SEIAA:-**

- (1) The fresh water supply arrangement should be met through Municipal Corporation and there should no extraction of ground water.
- (2) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (3) **Disposal of waste water.**
  - (c) PP should ensure disposal of waste water arrangement should be done in such a manner that water supply sources are not impaired.

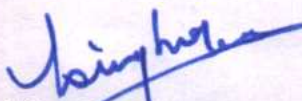
  
(Jitendra Singh Raje)  
Member Secretary


  
(R.K. Sharma)  
Member

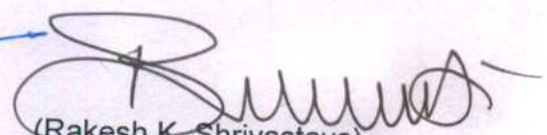
  
(Rakesh K. Shrivastava)  
Chairman



- (d) When the municipal sewer line is laid in the project area, PP should ensure linkage with municipal sewer line for disposal of extra treated waste water.
- (4) **Solid Waste Management:**
- (d) Separate wet and dry bins must be provided at the ground level for facilitating segregation of waste.
- (e) The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- (f) Ensure linkage with Municipal Corporation for final disposal of MSW.
- (5) PP should ensure road width, front MOS and side / rear as per MPBVR 2012.
- (6) **For firefighting:-**
- (c) PP should ensure construct fire station at project site as committed.
- (d) As per MPBVR, 2012 rule 42 (3) PP should submit necessary drawings and details to the Authority (Nagar Nigam, Indore) incorporating all the fire fighting measures recommended in National Building Code part – IV point no. 3.4.6.1. The occupancy permit shall be issued by Nagar Nigam only after ensuring that all fire fighting measures are physically in place.
- (7) **For Rain Water Harvesting, and Ground water recharge:-**
- (d) PP should ensure the rain water harvesting with 29 no. of recharging pits and these pits should be connected laterally to consume the surplus runoff. In addition, PP should provide recharging trenches. The base of the trenches should be Kachha with pebbles.
- (e) The storm water from roof – top, paved surfaces and landscaped surfaces should be properly channelized to the rain water harvesting sumps through efficient storm water network as proposed. The budget should be included in EMP plan for storm water management.
- (f) Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
- (8) PP should ensure to provide mechanized parking as per T & CP in an area of 7620 sq.m. and also instruction should be given to plot owners to make parking arrangement within the plots. For that, PP will impose specific condition in the lease/allotment agreement to make proper parking provision.
- (9) **For Energy Conservation PP should Ensure :-**
- (d) Use of LED lights in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- (e) Solar lights provide for common amenities like Street lighting & Garden lighting.

  
(Jitendra Singh Raje)  
Member Secretary

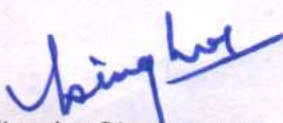
  
(R.K. Sharma)  
Member


  
(Rakesh K. Shrivastava)  
Chairman




- (f) PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures, and other energy efficient equipments.
- (10) **Air Quality and Noise:-**
- (b) Dust, smoke & debris prevention measures such as wheel washing, screens, barricading & debris chute shall be installed at the site during construction including plastic/tarpaulin sheet covers for trucks bringing in sand & material at the site.
- (11) **Green belt :-**
- (c) PP should ensure plantation in an area of 50,000 sq.m. two rows in periphery, besides, this along the road, around open space area, parking area and other amenities. Trees of indigenous local varieties like Neem, Peepal, Kadam, Karanj, Kachnaar, Saltree, Gulmohar etc.should be planted.
- (d) The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.

*Meeting ended with a vote of thanks to the Chair.*

  
(Jitendra Singh Rajee)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman