

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

The 325<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 20<sup>th</sup> August, 2018 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

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

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

1. **Case No.- 5548/2017 M/s Hira Power and Steel Ltd, Khasra No. 51 1/1, 512/2, Urla Industrial Complex, Raipur, CG – 492003 Prior Environment Clearance for Manganese Ore Mine in an area of 6.264 Ha.. Expansion of Production Capacity from 10,000 to 18,000 TPA at Khasra no. 16/1, Village- Jagantola, Tehsil - Paraswada, Dist. Balaghat (MP).**

This is case of Manganese Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 16/1) Village- Jagantola, Tehsil - Paraswada, Dist. Balaghat (MP) 6.264 Ha. The project requires prior EC before commencement of any activity at site.

Objective	Environmental Clearance for capacity expansion at Underground Manganese ore mine (6.264 ha)
Existing Capacity	10, 000 TPA of Mn ore
Proposed Capacity	18, 000 TPA of Mn ore
Land use of core zone	Own Land
Lease period	03/11/2046
Validity of CTO	01/04/2016 to 31/03/2017 (Applied for the CCA renewal on 11/01/2017)
Previous Environmental Clearances	Letter No. J – 11015/212/2006 – IA.II (M), Dt. 27/09/2007 Letter No. 64/EPCO-SEIAA/12, Dt. 18/04/2012
Verification of Compliance by MoEF & CC	<ul style="list-style-type: none"> <li>• eriod from 2008 to 2012 - Vide letter no. 3-38/ 2007/ ENV/ 203, Dated14/02/2012.</li> <li>•</li> </ul>

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

	Period from 2012 to 2017 – Applied to MoEFCC vide letter no. HPSL/MINE/MoEF/17-18/006, dated: 11.04.2017
Location of Mine	Khasra No. – 16/1, Village – Jagantola, Tehsil – Paraswada, District – Balaghat (M.P.)
Lessee	Hira Power & Steels Ltd.
Altitude	640 – 600mRL ( underground lowest – 529mRL)

Clarification regarding no requirement of NOC from commissioner level forest committee for 250 meter from forest boundary:

During presentation it was submitted by PP that as our Mining Lease area is not touching the forest boundary from any side and it is surrounded by ML area of Krishna Mining & Trading Syndicate (62.58ha) from 3 sides & one side it is adjacent to Mining Lease area of Mr. I. Patric Dhanaraaj, hence there is no necessity of NOC from commissioner level forest committee for 250 meter from forest boundary. Furthermore in letter of Govt. of Madhya Pradesh, Forest Department, Ministry which is addressed to MS MPSEIAA clearly written that “It is an old Mining Lease hence, no requirement of NOC Certificate”. Govt. of M.P. Forest division, Ministry, Vallabh Bhavan, Bhopal, vide letter no. F-5/16/81/10-3, Bhopal dated 07.10.2002 also stated that provision for NOC from commissioner level forest committee for 250 meter from forest boundary is not applicable in case the Mining Lease is sanctioned prior to above stated date i.e. 07.10.2002 and our mine is sanctioned before this date.

Location	Village – Jagantola, Tehsil – Paraswada, District – Balaghat (M.P.)
Toposheet No.	64 C/5
Co-ordinates	Latitude – 21 <sup>0</sup> 56’53.90” to 21 <sup>0</sup> 57’07.90” N Longitude – 80 <sup>0</sup> 25’54.00” to 80 <sup>0</sup> 26’20.10” E
General ground level	636mRL
Elevation range	634mRL to 640mRL
Nearest Highway	State Highway – 26, 0.7 km towards North
Nearest Railway Station	Balaghat 45 km SW
Nearest Airport	Raipur 200 km SE

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

National park/ Wild Life Sanctuary/ Biosphere reserve/ tiger reserve/ elephant reserve etc. within the core and buffer zone of the mine	No National park/ Wild Life Sanctuary/ Biosphere reserve/ tiger reserve/ elephant reserve etc are reported to be located in the core and buffer zone of the mine.
Reserved / Protected Forest within 10 km radius	RF 1801 – 1.3 km West, RF 1802 – 55mtr West RF 1803 – 1.8 km SW, RF 1804 – 1.4 km South
Surrounding villages within 1 km of the project	Jagantola – NE, Rupjhar – NW, Daldala – East, Dhanitola - SE
Nearest River	Amanala – 1.25 km West, Kasturi nala – 0.75 km East
Nearest Lake & Ponds	Amanala dam – 1.4 km SW
Other Mines located within 500 m radius	Krishna mining & trading syndicate mine Jagantola,
Industry located within 10 km radius	None within 10 km
Area Surrounded by	North, East & South – Krishna mining & trading syndicate ML, West – I. Patric Dhanaraaj ML

The case was presented by the PP and their consultant in 77<sup>th</sup> SEAC-II meeting dated 24/05/2017, wherein PP submitted that it's a proposal for expansion from 10,000 TPA to 18,000 TPA without any change in the technology. Earlier EC was granted for the expansion from 8,000 TPA to 10,000 TPA with change in technology from open cast to underground mine by manual/semi mechanized method in an area of 6.264 ha and EC was issued vide letter no. 64/EPCO-SEIAA/12 Dated 18/04/2012. PP requested committee further that as per clause No. 7(ii) (a) of MOEF notification No. S. O. 3518 (E) dated 23<sup>rd</sup> Nov. 2016 they may be categorized in B2 category (without following entire environmental clearance process such as EIA report and public hearing) since proposed change does not result in any adverse impact on environment and whereas, the change in quantity of existing projects having environment clearance within existing area may be exempted from entire environmental clearance since there is no additional pollution load beyond the earlier approved threshold limit envisaged.

The provisions made in referred notification dated 23/11/2016 were placed before the committee which reads as follows:

*“All applications seeking prior environmental clearance for expansion with increase in the production capacity beyond the capacity for which prior environmental clearance has been granted under this notification or with increase in either lease area or production capacity in the case of mining projects or for the modernization of an existing unit with increase in the total production capacity beyond the threshold limit prescribed in the Schedule to this notification through change in process and or technology or involving a change in the product mix shall be made in Form I and they shall be considered by the concerned Expert Appraisal Committee or State Level Expert Appraisal Committee within sixty days, who will decide on the due diligence necessary including preparation of Environmental Impact Assessment and public consultations and the application shall be appraised accordingly for grant of environmental clearance”.*

Committee after deliberation and considering the MoEF&CC notification issued vide SO 3518(E) dated 23/11/2016, 7(ii) (a) in EIA Notification, 2006 recommends that PP has to carryout EIA study to ascertain the increase in pollution load however and in place of public hearing as per EIA Notification, 2006, a notice may be given in local two news papers inviting suggestions/objections for this expansion project through regional officer, MP Pollution Control Board, Jabalpur and same should be addressed through EMP with EIA report. PP further submitted that they have started collecting the baseline data from March, 2017. It's being a case of Manganese Ore Mine and falls under B-1 category committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional TORs:-

1. Approved mining plan to be submitted at the time of EIA Presentation.
2. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
6. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
7. Compliance of earlier EC conditions from MoEF&CC should be obtained and submitted with EIA report.
8. Year wise details of minerals already excavated till date should be submitted with EIA report.
9. Hydro geological study should be carried out if ground water intersection is proposed.
10. Top soil management plan should be addressed in EIA report.

11. Input data of modeling should be addressed in EIA along with this all back up calculation.
12. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
13. Being operative mine, videography of mine and surrounding area should be carried out with aerial view by drone camera and submitted with EIA report.
14. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
15. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
16. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.
17. PP would follow environmental extend rules.

PP has submitted the EIA report vide letter dated 24/10/2017, which was forwarded by the SEIAA vide letter no. 1085 dated 30/10/2017.

EIA was presented by the PP and their consultant in the 298<sup>th</sup> SEAC meeting dated 17/11/2017 wherein it was recorded that, during the initial appraising of the TOR compliance it was observed by the committee that neither the PP has submitted MoEF&CC's compliance report of earlier EC conditions with the EIA nor carrying the same at the time of presentation. Committee deliberated that being this is the case of underground mining where critical issues such as mine water discharge, subsidence, illumination, ventilation etc are involved hence compliance of earlier EC conditions is must to know the status of various mining activities and environmental safeguards taken by the PP till date. Thus committee asked PP to submit the compliance report of earlier EC conditions duly verified by the MoEF&CC for further consideration of the project.

For EC compliance report, PP submitted vide letter dated 17/11/2017 that they have requested MoEF&CC long back and submitted all the desired informations but till dated compliance report is not issued by the central ministry. As per recent circular of MoEF&CC issued vide letter no. J-11013/6/2010-1A II (Part) dated 07/09/2017, PP requested to write a letter to regional office of MoEF&CC for submission of EC compliance report within 30 days form Secretary, SEAC.

PP vide letter no.21 dated 30/06/2018 has submitted the EC compliance of this project which was placed before the committee.

The EIA was presented by the PP and their consultant wherein during presentation and discussion committee asked PP to submit following information as it's a case of underground mine:

1. Geo Mining plan shall be drawn of vertical section and to be submitted by the PP.
2. Details of the Ventilation fan and its relevant details.
3. Roof support plan shall be provided.
4. Copy of the disaster management plan.
5. Transportation plan of the man and material both.
6. Surface plan with all the surface features.
7. Details of the stoving with layout alongwith consumption plan.
8. Details of the plantation (8000 plants) with species and their number.
9. Test report of water quality analysis.
10. Subsidence records as per subsidence plan.
11. Details of the rain water harvesting.
12. Mine water pumping plan.
13. Electrical layout plan and its conservation details.

**2. Case No. - 3971/15 Shri Madan Lal Grover, Civil Lines, P.O. & District-Katni (MP)-483501. Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 4.69 ha. (50,000 TPA) at khasra No.-100 P, 101 P, Vill.-Salaiya Paharhai, Tehsil-Vijayraghgarh, District-Katni (MP).EIA Presentation Environment Consultanat-M/s Envirta Sustainable Solutions India Pvt.Ltd.**

This is case of mining of Limestone & Dolomite. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at khasra No.-100 P, 101 P, Vill.-Salaiya Paharhai, Tehsil-Vijayraghgarh, and District-Katni (MP) 4.69 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by the PP and their consultant in the 262<sup>nd</sup> SEAC meeting dated 09/01/2016, wherein it was recorded that: 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 with following additional conditions:-

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.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

PP vide letter dated 23/07/2018 has submitted the EIA report which was forwarded through SEIAA vide letter no. 1227 dated 27/07/2018.

The EIA was presented by the PP and their consultant wherein during presentation and discussion following submissions were made from the PP:

**Salient features of the project:**

**1. Name of the project & its location**

**Name of the project:-** Salaiya Paharhai Limestone Mine.(Area 4.69 Ha)

**Location:-** Khasra no.- 100 P and 101 P, Village Salaiya Paharhai, Tehsil – Vijayraghgarh, District- Katni, Madhya Pradesh.

**2. Name of the Company, Address Tele No. & E-mail :**

Name of the applicant/lessee: - Shri Madan Lal Grover

Civil Lines, P.O& District Katni

Pin code-483501, Phone-07622 - 230517

**3. Latitude and Longitude of the project**

<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>
1.	23°59'10.8"	80°29'06.6"	2.	23°59'06.4"	80°29'12.2"
3.	23°59'07.8"	80°29'17.1"	4.	23°59'08.7"	80°29'20.2"
5.	23°59'11.2"	80°29'19.9"	6.	23°59'11.1"	80°29'20."
7.	23°59'12.5"	80°29'21.1"	8.	23°59'13.2"	80°29'20.8"
9.	23°59'13.6"	80°29'16.4"	10.	23°59'11.6"	80°29'16.2"
11.	23°59'11.5"	80°29'08.9"	12.	23°59'11.1"	80°29'08.6"

**4. If a Joint venture, the names & addresses of the JV partners including their share**

Not applicable

**5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.**

**Nature of proposal-** New

**Total area-** 4.69 ha

**Project components :**

<b>Aspects</b>	<b>Details</b>
Total Area	4.69 Ha
Proposed capacity	50,000 TPA
Reserve/ Resource of Limestone	Pre-Feasibility Mineral Resource 193150 Tones Probable Mineral Reserve 426780 Tones Inferred Mineral Resource 810176 Tones
Technology	Opencast other than fully mechanized.
Life of the mine	14 years
Topo-sheet No	63 A/5
Man power	53
Water requirement	9 KLD
Project cost	Rs. 1.0 Crore

**Site Connectivity:**

Nearest Town	Town/City/District Head Quarter -Katni 17 Km SW Direction
Nearest Railway Station	Jukehi Railway station 5.34Km West Direction
Nearest National Highway	NH 7, 6.00 Km NW Direction
Nearest Airport	Jabalpur Airport 98 Km in South Direction Khajuraho Airport 108.19Km NW Direction

**6. Whether the project is in the critically Polluted Area (CPA):**



No

**7. Cost of the project:**

Cost of the project is Rs. 1.0 Crore

**8. Employment generated/to be generated:**

About 53 people will be given direct employment.

**Manpower requirement:**

Mining Engineer	1
Geologist	1
Mining Mate Cum blaster	1
Skilled	5
Semi Skilled	10
Unskilled	35
<b>Total</b>	<b>53</b>

**9. Benefits of the project:**

Benefits of the project are as follow:-

**Improvement in the Physical Infrastructure -**

- Building/strengthening of existing roads in the area.
- Development of educational facilities for the community
- Arrangement of drinking water to the villages,
- Extending health care

**Improvement in the Social Infrastructure-**

- Generation of employment.
- Increment in revenue to the State by way of royalty,
- Improvement in standard of living.

**10. Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion**

New

**11. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006. 1**

Not applicable

**12. If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF**

Not applicable

**13.No. and Date of the ToR /and revised ToR, if any, letter issued by the authority.**

**TOR –344/PS-MS/MPPCB/SEAC/TOR(262)/2016 dated 02.3.2016.**

**14. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)**

Not applicable

**15.If the project was considered in EAC, Pl. gives dates of the meeting (s).**

No

**16. Type of mine: (Open cast/Underground/mixed):**

Open cast

**17. Capacity of the mine applied for**

**Proposed Capacity of mine – 50,000 TPA of Limestone**

**18. ML Area i. As per block allotment ii. As per approved mine plan**

As per approved mine plan

**19. Date of approval of mine plan, mine closure plan, status & date**

**Approval of Mining plan - MP/Katni/Limestone/MPLN/R-15/2012-13 dated 28.08.2013.**

**20. Date of Board's approval:**

Not applicable

**21. Date of Ground water clearance:**

NOC from gram panchayat has been taken from village Salaiya Paharhai.

**22. Date of mine closure approval**

Mine closure approval date - 28.08.2013.

**23. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.**

**Budget for EMP:**

Particulars	Capital Cost	Recurring Cost/ year in Rs.
<b>Environmental Protection</b>		
<b>Dust Suppression &amp; Pollution Control (Fixed type sprinkler)</b>	3,00,000	1,00,000
<b>Tarpaulin and cover for stack of ore</b>	1,00,000	50,000
<b>Environmental Monitoring</b>	-	50,000(Air – 25000 Water -20000 Soil and Noise 5000
<b>Garland drain – 950m x 2m x 1.5m Settling Tank – 2 Nos of 30m x 7.5m x 3m</b>	2,00,000	25,000
<b>Green Belt</b>	-	4,25,000
<b>Total</b>	<b>6,00,000</b>	<b>6,50,000</b>

**Budget for CSR:**

S.No	Activities	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
1	Financial assistance in Social functions viz marriage of poor, medical treatment of critically ill villagers ,Religious functions etc.	2.0 lakh	2.0 lakh	2.0 lakh	2.0 lakh	2.0 lakh
2	Promoting and installing solar power energy sources in villages Salaiya, kachgawan and Padkhuri.	1.0 lakh	1.0 lakh	1.0 lakh	1.0 lakh	1.0 lakh
Total		3.0 lakh	3.0 lakh	3.0 lakh	3.0 lakh	3.0 lakh

**24. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.**

**Proposed Plantation:**

Year	Total Nos. of Plants	Within the Mining Lease Area		Within the Buffer Area	
		No. of plants	Area in Ha	No. of plants	Area in Ha
1 <sup>st</sup> year	1190	690	0.69	500	0.50
2 <sup>nd</sup> year	600	100	0.10	500	0.50
3 <sup>rd</sup> year	750	250	0.25	500	0.50
Conceptual period	2180	1180	1.18	1000	1.0
Total	4720	2220	2.22	2500	2.50

**25. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.**

Particulars	Distance from the ML Boundary (in km) & Direction from the ML Boundary
Tamas River	about 3.5 km towards NW direction.
Kevlari Nalla	about 4.75 km towards South direction.
Amha Nalla	about 7.0 km towards West direction.
Katni Nadi	about 10.0 km towards South direction.

During presentation PP submits that the Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade limestone above threshold value and fines generated during mining will be used in cement plants.

After Presentation and discussion PP was asked to submit revised budget for Environment Management Plant wrt plantation.

PP has submitted the response of above quarry vide letter dated 20.08.2018 which was placed before the committee and the same found satisfactory. 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 Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 4.69 ha. (50,000 TPA) at khasra No.-100 P, 101 P, Vill.-Salaiya Paharhai, Tehsil-Vijayraghgarh, District-Katni (MP).subject to the following special conditions:

**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed expansion shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Maintain haul road and this will be compacted regularly and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

9. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme of 4720 trees should be carried out along with the mining. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature and species which are tolerant to pollution. As proposed in the landscape plan & EMP a minimum of 2000 no's of trees will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
10. Transportation of material shall be done in covered vehicles and capacity of vehicle shall be minimum 20 ton to reduce the number of trips.
11. Transportation of minerals shall not be carried out through forest area.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

12. Rock brakers shall be used to remove OB. The OB till its utilization for backfilling shall be properly stacked as per approved mining plan and disposed off as per the submitted proposal. PP shall bound to compliance the final closure plan as approved by the IBM.
13. Garland drains 02.m. x 1.5m along with 02 settling tanks 40m x 7.5m x 03m should be provided to avoid silt discharge. Settling tanks should be connected with garland drains for proper sedimentation.
14. Dust suppression through tractor, mounted tractor should be provided on haul road. However, regular water spraying should be practiced on transport road by fixed types of water sprinklers for dust suppression.
15. Geohydrological studies should be carried out if ground water table is intersected.
16. Daily Blasting shall be avoided. Control Blasting should be carried out only during day time and time of blasting should be conveyed to the nearby villagers.
17. No explosive will be stored at mine site.
18. Overcharging of drill hole during shot firing the should be avoided. And not more than 10 holes shall be blasted at a time.
19. The existing and proposed land use plan of the mine is as follows:

<b>Sl. No.</b>	<b>Particulars</b>	<b>Existing Land Use (ha)</b>	<b>Conceptual land use (ha)</b>
1	Total area excavated (broken)	2.35	(4.0)
2	Area fully mined out (out of 1)	0.25	(4.0)
3	Area fully reclaimed (Backfilled out of 2)	Nil	(1.53)
4	Area rehabilitated out of 3 by afforestation	NA	1.53
5	Area rehabilitated by water harvesting	Nil	2.47
6	Area under active dumps	1.85	Nil
7	Area under active dumps	1.0	Nil
8	Area under mineral stack	Nil	Nil
9	Area under Road	0.05	Nil
10	Area under Green belt	Nil	0.69
11	Area under infrastructure	Nil	Nil
12	Garland Drain & Bund	Nil	Nil
<b>Total</b>			<b>4.69</b>

20. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
21. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
22. The commitments made in the public hearing are to be fulfilled by the PP.
23. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
24. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

25. The proposed EMP cost is Rs. 6.00 lacks and Rs. 06.50 lacks /year are proposed as recurring expenses out of which Rs. 04.25 lacks /year for recurring expenses for plantation in the proposed EMP of this project. The capital cost proposed for the OH&S of employees is Rs. 1.00 lacks while Rs. 1.50/year lacks are proposed as recurring cost.
26. Under CSR activity, Rs. 15.00 lacks are proposed for the next 05 years in different activities and same should be implemented through respective committees.
27. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.
28. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
29. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
30. PP will comply with all the commitments made vide letter dated 20/08/2018
31. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**3. Case No. - 3986/15 Shri Madan Lal Grover R/o Civil Lines, P.O. & District-Katni (MP)-483501. Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 9.84 ha. (50,000 TPA) at khasra No.-79/1, 79/2, 81, 82, 83, 88, 91, 93, 95, 103, Vill.-Salaiya Paharhai, Tehsil-Vijayraghgarh, District-Katni (MP). EIA Presentation Environment Consultanat-M/s Envirta Sustainable Solutions India Pvt.Ltd.**

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at khasra No.-79/1, 79/2, 81, 82, 83, 88, 91, 93, 95, 103, Vill.-Salaiya Paharhai, Tehsil-Vijayraghgarh, District-Katni (MP) in an area of 9.84 ha. (50,000 TPA). The project requires prior EC before commencement of any activity at site.

This case was initially scheduled for presentation for presentation in the 267<sup>th</sup> SEAC meeting dated 15/01/2016, but on the request of PP, it was scheduled for 16/01/2016.

The case was presented by the PP and their consultant in the 268<sup>th</sup> SEAC meeting dated 16/01/2016, wherein it was recorded that: Being it's 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.
5. Compliance of consent conditions from regional officer, M. P. Pollution Control Board, Bhopal.
6. Details of production obtained from the mines since its inception verified by the competent authority.

The EIA was presented by the PP and their consultant wherein during presentation and discussion following submissions were made from the PP:

**Salient features of the project:**

**1. Name of the project & its location**

**Name of the project:-** Salaiya Paharhai Limestone Mine.(Area 9.84 Ha)



**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

**Location:-** Khasra No: 79/1, 79/2, 81, 82, 83, 88, 91, 93, 95, 103 Village Salaiya Paharhai, Tehsil – Vijayraghgarh, District- Katni, Madhya Pradesh.

**2. Name of the Company, Address Tele No. & E-mail :**

Name of the applicant/lessee: - Shri Madan Lal Grover

Civil Lines, P.O& District Katni

Pin code-483501, Phone-07622 - 230517

**3.If a Joint venture, the names & addresses of the JV partners including their share**

Not applicable

**4. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.**

**Nature of proposal-** New

**Total area-** 9.84 ha

**Project components-**

<b>Aspects</b>	<b>Details</b>
Total Area	9.84 Ha
Proposed capacity	50,000 TPA
Reserve/ Resource of Limestone	Proved Mineral Reserve - 14,85,035 Tones. Feasibility Mineral Resource- 957150 Tones
Technology	Opencast other than fully mechanized.
Life of the mine	30 years
Topo-sheet No	63 A/05
Man power	50
Water requirement	9 KLD
Project cost	Rs. 1.0 Crore

**Site Connectivity:**

Nearest Town	Town/City/District Head Quarter -Katni 18 Km SW Direction
Nearest Railway Station	Jukehi Railway station 5.29 Km West Direction
Nearest National Highway	NH 7, 6.0 Km SW Direction
Nearest Airport	Jabalpur Airport 98 Km in South Direction Khajuraho Airport 108.65 Km NW Direction

**5. Whether the project is in the critically Polluted Area (CPA):**

No

**6. Cost of the project:**

Cost of the project is Rs. 1.0 Crore

**7. Employment generated/to be generated:**

About 50 people will be given direct employment,

**Manpower requirement**

Part time Mining Engineer	1
Part time Geologist	1
Mines Foreman	1
Mining Mate cum blaster	1
Skilled	5
Semi Skilled	11
Un-skilled	30
Total	50

**8. Benefits of the project:**

Benefits of the project are as follow:-

**Improvement in the Physical Infrastructure -**

- Building/strengthening of existing roads in the area.
- Development of educational facilities for the community
- Arrangement of drinking water to the villages,
- Extending health care

**Improvement in the Social Infrastructure-**

- Generation of employment.
- Increment in revenue to the State by way of royalty,
- Improvement in standard of living.
- 

**9. Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii  
What is the % of expansion**

New

**10. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.  
1**

Not applicable

**11. If expansion, please indicate the number and date of the certified Compliance  
Report of Regional Office of the MoEF**

Not applicable

**12.No. and Date of the ToR /and revised ToR, if any, letter issued by the authority.**

**TOR –242/PS-MS/MPPCB/SEAC-II/M/TOR(268)/2016 dated 02/03/2016.**

**13. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a  
case for reconsideration. If so, what specific reconsideration(s) being sought by the  
proponent)**

Not applicable

**14.If the project was considered in EAC, Pl. gives dates of the meeting (s).**

No

**15. Type of mine: (Open cast/Underground/mixed):**

Open cast

**16. Capacity of the mine applied for**

**Proposed Capacity of mine – 50,000 TPA of Limestone**

**17. ML Area i. As per block allotment ii. As per approved mine plan**

As per approved mine plan

**18. Date of approval of mine plan, mine closure plan, status & date**

Approval of Mining plan - MP/Katni/Limestone/M.sch.-55/2014-15 dated 30.09.2014.

**19. Date of Board's approval:**

Not applicable

**20. Date of Ground water clearance:**

NOC from gram panchayat has been taken from village Salaiya Paharhai.

**21. Date of mine closure approval**

Mine closure approval date - 30.09.2014.

**22. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost.**

**Budget for EMP:**

Particulars	Capital Cost	Recurring Cost/ year in Rs.
<b>Environmental Protection</b>		
Dust Suppression & Pollution Control (Fixed type sprinkler)	3,00,000	1,00,000
Tarpaulin and cover for stack of ore	1,00,000	50,000
Environmental Monitoring	-	50,000(Air – 25000 Water -20000 Soil and Noise 5000)
Garland drain – 1200m x 2m x 1.5m Settling Tank – 4 Nos of 30m x 7.5m x 3m	2,00,000	25,000
Green Belt	-	4,50,000
<b>Total</b>	<b>6,00,000</b>	<b>6,75,000</b>

**Budget for CSR:**

S. No	Activities	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
-------	------------	----------------------	----------------------	----------------------	----------------------	----------------------

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

1	Agriculture awareness Camp – Dissipation of knowledge on drip irrigation and latest technology for agriculture in village Salaiya ,kachgawan and Padkhuri.	1.5 lakh	1.5 lakh	1.5 lakh	1.5 lakh	1.5 lakh
2	Occupational Health Survey and medical camps for local villagers of village Salaiya ,kachgawan and Padkhuri.	1.5 lakh	1.5 lakh	1.5 lakh	1.5 lakh	1.5 lakh
<b>Total</b>		<b>3.0 lakh</b>	<b>3.0 lakh</b>	<b>3.0 lakh</b>	<b>3.0 lakh</b>	<b>3.0 lakh</b>

**23. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.**

**Plantation Details:**

Year	Total Nos. of Plants	Within the Mining Lease Area		Within the Buffer Area	
		No. of plants	Area in Ha	No. of plants	Area in Ha
<b>1<sup>st</sup> year</b>	<b>1200</b>	<b>700</b>	<b>0.70</b>	<b>500</b>	<b>0.50</b>
<b>2nd year</b>	<b>1090</b>	<b>590</b>	<b>0.59</b>	<b>500</b>	<b>0.50</b>
<b>3rd year</b>	<b>650</b>	<b>150</b>	<b>0.15</b>	<b>500</b>	<b>0.50</b>
<b>4th year</b>	<b>650</b>	<b>150</b>	<b>0.15</b>	<b>500</b>	<b>0.50</b>
<b>5th year</b>	<b>700</b>	<b>200</b>	<b>0.20</b>	<b>500</b>	<b>0.50</b>
<b>Conceptual period</b>	<b>5550</b>	<b>4830</b>	<b>4.83</b>	<b>720</b>	<b>0.72</b>
<b>Total</b>	<b>9840</b>	<b>6620</b>	<b>6.62</b>	<b>3220</b>	<b>3.22</b>

**24. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.**

<b>Particulars</b>	<b>Distance from the ML Boundary (in km) &amp; Direction from the ML Boundary</b>
Tamas River	about 2.8 km towards NW direction
Kevlari Nalla	About 4. 5 km towards South direction.
Amha Nalla	about 6.40 km towards West direction
Katni Nadi	About 10.0 km towards South direction.

EIA was presented by the PP and their consultant wherein after presentation and detail discussion, committee has asked the PP to submit the: Revised EMP budget.

PP has submitted the response of above quarries vide letter dated 20.08.2018 which was placed before the committee and the same found satisfactory. 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 Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 9.84 ha. (50,000 TPA) at khasra No.-79/1, 79/2, 81, 82, 83, 88, 91, 93, 95, 103, Vill.-Salaiya Paharhai, Tehsil-Vijayraghogarh, District-Katni (MP). subject to the following special conditions:

**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed expansion shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Maintain haul road and this will be compacted regularly and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.

8. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

9. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme of 9840 tress should be carried out along with the mining. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature and species which are tolerant to pollution. As proposed in the landscape plan & EMP a minimum of 2000 no's of trees will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
10. Transportation of material shall be done in covered vehicles and capacity of vehicle shall be minimum 20 ton to reduce the number of trips.
11. Transportation of minerals shall not be carried out through forest area.
12. The OB till its utilization for backfilling shall be properly stacked as per approved mining plan and disposed off as per the submitted proposal. PP shall bound to compliance the final closure plan as approved by the IBM.
13. Garland drains 1200 m x 2 m. x 1.5m along with 04 settling tanks 30m x 7.5m x 03m should be provided to avoid silt discharge. Settling tanks should be connected with garland drains for proper sedimentation.
14. Dust suppression through tractor, mounted tractor should be provided on haul road. However, regular water spraying should be practiced on transport road by fixed types of water sprinklers for dust suppression.
15. Geohydrological studies should be carried out if ground water table is intersected.
16. Daily Blasting shall be avoided. Control Blasting should be carried out only during day time and time of blasting should be conveyed to the nearby villagers.
17. No explosive will be stored at mine site.
18. Overcharging of the drill hole during shot firing should be avoided.
19. The existing and proposed land use plan of the mine is as follows:

<b>Sl. No.</b>	<b>Particulars</b>	<b>Existing Land Use (ha)</b>	<b>Conceptual land use (ha)</b>
1	Total area excavated (broken)	2.90	(8.55)
2	Area fully mined out (out of 1)	0.55	(8.55)

3	Area fully reclaimed (Backfilled out of 2)	0.25	(5.33)
4	Area rehabilitated by Afforestation (out of 3)	Nil	5.33
5	Area reclaimed by water harvesting	Nil	3.22
6	Total area under dumps	2.0	NIL
7	Area under mineral stack	NIL	NIL
8	Area under Road	0.05	NIL
9	Area under Green belt	0.50	1.29
10	Total area under dumps	2.0	NIL
11	Area under infrastructure	1.0	NIL
<b>Total</b>			<b>9.84</b>

20. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
21. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
22. The commitments made in the public hearing are to be fulfilled by the PP.
23. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
24. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

25. The proposed EMP cost is Rs. 6.00 lacks and Rs. 06.75 lacks /year are proposed as recurring expenses out of which Rs. 04.50 lacks /year for recurring expenses for plantation in the proposed EMP of this project. The capital cost proposed for the OH&S of employees is Rs. 1.00 lacks while Rs. 50,000/year lacks are proposed as recurring cost.
26. Separate budget of Rs. 0.25 lakh shall be spent on Health awareness and camps for local community in village Salaiya Paharhai.
27. Under CSR activity, Rs. 15.00 lacks are proposed for the next 05 years in different activities and same should be implemented through respective committees.
28. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.

29. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
30. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
31. PP will comply with all the commitments made vide letter dated 20/08/2018
32. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**4. Case No. 4088/15 Shri Madan Lal Grover R/o Civil Lines, P.O. & District-Katni (MP)-483501 Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 4.12 ha. (50,000 TPA) at Khasra no.-93 P, 103/2 P, 94, 95P, 99, Village-Salaiya Paharhai, Tehsil-Vijayraghgarh, District-Katni (MP). EIA Presentation Environment Consultanat-M/s Envirta Sustainable Solutions India Pvt.Ltd.**

This is a mining project over an area of 4.12 Ha. Mining of mineral limestone is proposed in the project. The Mining lease was granted for 30 years period w.e.f. 22.07.2009 to 21.07.2039 vide State Government order No.- 3-37/2008/12/2 dated 29.06.2009. It has been extended up to 50 years period from date of 1<sup>st</sup> grant of ML under the provisions of The MM (D & R) Amendment Act 2015 up to 21.07.2059. The scheme of mining was approved by IBM on 29.09.2014. The proposed site is located at Khasra No.- 93 P, 103/2P, 94. 95 P & 99 of Village-Salaiya Paharhai, Tehsil – Vijayraghgarh, District-Katni (MP) over an area of 4.12 ha.

The case was presented by the PP and their consultant in the 268<sup>th</sup> SEAC meeting dated 16/01/2016, wherein it was recorded that: Being it's 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.
5. Compliance of consent conditions from regional officer, M. P. Pollution Control Board, Bhopal.
6. Details of production obtained from the mines since its inception verified by the competent authority.

PP vide letter dated 23/07/2018 has submitted the EIA report which was forwarded through SEIAA vide letter no. 1229 dated 27/07/2018.

The EIA was presented by the PP and their consultant wherein during presentation and discussion following submissions were made from the PP:

**Salient features of the project:**

**1. Name of the project & its location**

**Name of the project:-** Salaiya Paharhai Limestone Mine.(Area 4.12 Ha)

**Location:-** Khasra no.- 93 P, 103/2P, 94, 95 P, 99, Village Salaiya Paharhai, Tehsil – Vijayraghgarh, District- Katni, Madhya Pradesh.

**2. Name of the Company, Address Tele No. & E-mail :**

Name of the applicant/lessee: - Shri Madan Lal Grover

Civil Lines, P.O& District Katni

Pin code-483501, Phone-07622 - 230517

**3. Latitude and Longitude of the project :**

<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>
1.	23°59'05.6"	80°29'9.9"	14	23°59'10.9"	80°29'4.9"
2.	23°59'4.5"	80°29'3.6"	15	23°59'10.9"	80°29'5.3"
3.	23°59'5.0"	80°29'3.7"	16	23°59'9.9"	80°29'5.4"
4.	23°59'6.2"	80°29'3.8"	17	23°59'12.9"	80°29'1.6"
5.	23°59'6.5"	80°29'5.2"	18	23°59'11.1"	80°29'1.2"
6.	23°59'8.6"	80°29'5.3"	19	23°59'11.1"	80°28'59.5"
7.	23°59'9.4"	80°29'5.8"	20	23°59'13.1"	80°28'58.7"

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

8.	23°59'10.9"	80°29'5.9"	21	23°59'13.3"	80°28'58.0"
9.	23°59'10.9"	80°29'7.5"	22	23°59'14.1"	80°28'57.8"
10.	23°59'15.6"	80°29'7.4"	23	23°59'14.7"	80°28'57.4"
11.	23°59'15.5"	80°29'2.0"	24	23°59'16.4"	80°28'58.4"
12.	23°59'12.2"	80°29'3.5"	25	23°59'16.3"	80°28'59.6"
13.	23°59'12.2"	80°29'4.6"			

**4. If a Joint venture, the names & addresses of the JV partners including their share**

Not applicable

**5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.**

**Nature of proposal-** New

**Total area-** 4.12 ha

**Project components-**

<b>Aspects</b>	<b>Details</b>
Total Area	4.12 Ha
Proposed capacity	50,000 TPA
Reserve/ Resource of Limestone	Feasibility Mineral Resource -Lime Stone (Tons) 717200 Proved Mineral Resource - Lime Stone (Tons) 1116352
Technology	Opencast other than fully mechanized.
Life of the mine	23years
Topo-sheet No	63 A/5
Man power	50
Water requirement	9 KLD
Project cost	Rs. 1.0 Crore

**Site Connectivity-**

Nearest Town	Town/City/District Head Quarter -Katni 18 Km SW Direction
Nearest Railway Station	Jukehi Railway station 5.29 Km West Direction

Nearest National Highway	NH 7, 6.45 Km SW Direction
Nearest Airport	Jabalpur Airport 98 Km in South Direction Khajuraho Airport 108.65 Km NW Direction

**6. Whether the project is in the critically Polluted Area (CPA):**

No

**7. Cost of the project:**

Cost of the project is Rs. 1.0 Crore

**8. Employment generated/to be generated:**

About 50 people will be given direct employment

**Manpower requirement**

Part time Mining Engineer	1
Part time Geologist	1
Mines Foreman	1
Mining Mate cum blaster	1
Skilled	5
Semi Skilled	11
Un-skilled	30
Total	50

**9. Benefits of the project:**

Benefits of the project are as follow:-

**Improvement in the Physical Infrastructure -**

- Building/strengthening of existing roads in the area.
- Development of educational facilities for the community
- Arrangement of drinking water to the villages,
- Extending health care

**Improvement in the Social Infrastructure-**

- Generation of employment.
- Increment in revenue to the State by way of royalty,
- Improvement in standard of living.
-

**10. Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii**

**What is the % of expansion**

New

**11. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.**

**1**

Not applicable

**12. If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF**

Not applicable

**13.No. and Date of the ToR /and revised ToR, if any, letter issued by the authority.**

TOR – 236/PS-MS/MPPCB/SEAC/TOR(268)/2016 dated 02.3.2016.

**14. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)**

Not applicable

**15.If the project was considered in EAC, Pl. gives dates of the meeting (s).**

No

**16. Type of mine: (Open cast/Underground/mixed):**

Open cast

**17. Capacity of the mine applied for**

**Proposed Capacity of mine – 50,000 TPA of Limestone**

**18. ML Area i. As per block allotment ii. As per approved mine plan**

As per approved mine plan

**19. Date of approval of mine plan, mine closure plan, status & date**

**Approval of Mining plan - MP/Katni/Limestone/M.sch.-54/2014-15/5014 dated 29.09.2014.**

**20. Date of Board's approval:**

Not applicable

**21. Date of Ground water clearance:**

NOC from gram panchayat has been taken from village Salaiya Paharhai.

**22. Date of mine closure approval**

Mine closure approval date - 29.09.2014.

**23. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost.**

**Budget for EMP:**

Particulars	Capital Cost	Recurring Cost/ year in Rs.
<b>Environmental Protection</b>		
<b>Dust Suppression &amp; Pollution Control (Fixed type sprinkler)</b>	<b>3,00,000</b>	<b>1,00,000</b>
<b>Tarpaulin and cover for stack of ore</b>	<b>1,00,000</b>	<b>50,000</b>
<b>Environmental Monitoring</b>	<b>-</b>	<b>50,000(Air – 25000 Water -20000 Soil and Noise 5000</b>
<b>Garland drain – 800m x 2m x 1.5m Settling Tank – 2 Nos of 30m x 7.5m x 3m</b>	<b>2,00,000</b>	<b>25,000</b>
<b>Green Belt</b>	<b>-</b>	<b>4,10,000</b>
<b>Total</b>	<b>6,00,000</b>	<b>6,35,000</b>

**Budget for CSR:**

S, No	Activities	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
1	Potable Drinking watersupply during summer season in village Salaiya ,kachgawan and	2.0 lakh	2.0 lakh	2.0 lakh	2.0 lakh	2.0 lakh

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

	Padkhuri.					
2	Arrangements for Counseling and medical treatment for drug dedication for drug addicts	1.0 lakh	1.0 lakh	1.0 lakh	1.0 lakh	1.0 lakh
<b>D T e t</b>	<b>Total</b>	<b>3.0 Lakh</b>	<b>3.0 Lakh</b>	<b>3.0 Lakh</b>	<b>3.0 Lakh</b>	<b>3.0 Lakh</b>

**Details of Plantation:**

Year	Total Nos. of Plants	Within the Mining Lease Area		Within the Buffer Area	
		No. of plants	Area in Ha	No. of plants	Area in Ha
1 <sup>st</sup> year	710	510	0.51	200	0.20
2nd year	450	250	0.25	200	0.20
3rd year	700	500	0.50	200	0.20
Conceptual period	2350	1750	1.74	600	0.60
<b>Total</b>	<b>4210</b>	<b>3010</b>		<b>1200</b>	

**25. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.**

Particulars	Distance from the ML Boundary (in km) & Direction from the ML Boundary
Tamas River	about 3.0 km towards NW direction
Kevlari Nalla	About 4. 5 km towards South direction.
Amha Nalla	about 6.5 km towards West direction
Katni Nadi	About 10.0 km towards South direction.

EIA was presented by the PP and their consultant wherein after presentation and detail discussion, committee has asked the PP to submit the: Revised EMP budget.

PP has submitted the response of above quarries vide letter dated 20.08.2018 which was placed before the committee and the same found satisfactory. 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 Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 4.12 ha. 50,000 TPA, at Khasra no.-93 P, 103/2 P, 94, 95P, 99, Village-Salaiya Paharhai, Tehsil-Vijayraghogarh, District-Katni (MP) subject to the following special conditions:

**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed expansion shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Maintain haul road and this will be compacted regularly and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

9. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme of 4210 trees should be carried out along with the mining. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature and species which are tolerant to pollution. As proposed in the landscape plan & EMP a minimum of 2000 no's of trees will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.



10. Transportation of material shall be done in covered vehicles and capacity of vehicle shall be minimum 20 ton to reduce the number of trips.
11. Transportation of minerals shall not be carried out through forest area.
12. The OB till its utilization for backfilling shall be properly stacked as per approved mining plan and disposed off as per the submitted proposal. PP shall bound to compliance the final closure plan as approved by the IBM.
13. Garland drains 800 m x 2 m x 1.5m along with 01 settling tanks of 40m x 7.5m x 03m and one sump of 40m x 25m x 03m should be provided to avoid silt discharge. Settling tanks should be connected with garland drains for proper sedimentation.
14. Dust suppression through tractor, mounted tractor should be provided on haul road. However, regular water spraying should be practiced on transport road by fixed types of water sprinklers for dust suppression.
15. Geohydrological studies should be carried out if ground water table is intersected.
16. Daily Blasting shall be avoided. Control Blasting should be carried out only during day time and time of blasting should be conveyed to the nearby villagers.
17. No explosive will be stored at mine site.
18. Overcharging of the drill hole during shot firing should be avoided.
19. The existing and proposed land use plan of the mine is as follows:

<b>Sl. No.</b>	<b>Particulars</b>	<b>Existing Land Use (ha)</b>	<b>Conceptual land use (ha)</b>
1	Total area excavated (broken)	0.80	3.61
2	Area fully minedout (out of 1)	0.25	(3.61)
3	Area fully reclaimed (Backfilled out of 2)	Nil	(2.49)
4	Area rehabilitated out of 3 by afforestation	NA	2.49
5	Area reclaimed by water harvesting	Nil	1.12
6	Total area under dumps	1.30	Nil
7	Area under active dumps	Nil	Nil
8	Area under mineral stack	Nil	Nil
9	Area under Road	Nil	Nil
10	Area under Green Belt	Nil	0.51

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

11	Plantation over dump area	Nil	Nil
12	Area under infrastructure	Nil	Nil
13	Protective Bund and drain	Nil	Nil
<b>Total</b>			<b>4.12</b>

17. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
18. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
19. The commitments made in the public hearing are to be fulfilled by the PP.
20. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
21. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

22. The proposed EMP cost is Rs. 6.00 lacks and Rs. 04.25 lacks /year are proposed as recurring expenses out of which Rs. 02.00 lacks /year for recurring expenses for plantation in the proposed EMP of this project. The capital cost proposed for the OH&S of employees is Rs. 1.00 lacks while Rs. 1.50/year lacks are proposed as recurring cost.
23. Under CSR activity, Rs. 15.00 lacks are proposed for the next 05 years in different activities and same should be implemented through respective committees.
24. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.
25. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
26. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
27. PP will comply with all the commitments made vide letter dated 20/08/2018

28. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**5. Case No. - 5726/2018 M/s SADA Construction, Rai Bhawan, Katni Road, P.O. Maihar, Dist. Satna, MP – 485771 Prior Environment Clearance for Limestone Mine in an area of 10.90 Ha. (0.10 Million TPA of Limestone and 0.11 Million TPA of Reject Stone) at Khasra no.- 579, 581/284, 582/210, 583/211, 585/211, 586/340, 587/340, 588/293, 552, 553, 554, 555, 556, 557, 558, 539, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570/1, 570/2, 571, 572, 573, 574, 575, 576, 577, 578, 551/1, 544, 545, 511/1, 511/2, 512/1, 512/2, 512/3/k, 512/3/kh, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538/1, 538/2, 539, 540, 541, 509, 510/1, Village- Naraura, Tehsil - Maihar, Dist. Satna (MP).**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.- 579, 581/284, 582/210, 583/211, 585/211, 586/340, 587/340, 588/293, 552, 553, 554, 555, 556, 557, 558, 539, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570/1, 570/2, 571, 572, 573, 574, 575, 576, 577, 578, 551/1, 544, 545, 511/1, 511/2, 512/1, 512/2, 512/3/k, 512/3/kh, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538/1, 538/2, 539, 540, 541, 509, 510/1, Village- Naraura, Tehsil - Maihar, Dist. Satna (MP) 10.90 Ha. The project requires prior EC before commencement of any activity at site. During presentation PP has submitted following information:

**Salient Features of the project:**

1	Name of the project & its location	Naraura Limestone Mine (10.90 ha) In Village – Naraura Tehsil – Maihar, District- Satna State - Madhya Pradesh by		
2	Name of the Company, Address Tele No. & E-mail :	M/s Sada Construction, Rai Bhawan, Katni Road, P.O. Maihar, Dist. Satna, MP – 485771		
3	Latitude and Longitude of the project		<b>Block A</b> (9.539 ha)	<b>Block B</b> (1.361 ha)
		<b>Latitude</b>	24°15'25.3" to 24°15'40.2"N	24°15'26.7" to 24°15'31.6"N

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

		<b>Longitude</b>	80°49'48.3" to 80°50'06.7"E	80°49'35.0" to 80°49'40.3"E
		<b>Total ML area (10.90 ha)</b>	24°15'25.3" to 24°15'40.2"N	80°49'35.0" to 80°50'06.7"E
4	If a Joint venture, the names & addresses of the JV partners including their share	Not applicable		
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Nature of proposal	New	
		Total area- land use	10.90 Ha Waste Land	
		Project components	Highest elevation is 320 Meters AMSL in the east while the Lowest elevation is 316 Meters AMSL in west direction.	
		Connectivity	The applied area is about 33 kms from Distt. Headquarter Satna (M.P.) in south direction and 6 km from Maihar in east direction aerially. The nearest railway station is Maihar at a distance of about 6.35 km towards west on Jabalpur - Allahabad BG section of Western Central Railway. The Maihar -Rewa NH-7 road is passing at a distance of 1.0 kms in northwest.	
6	Whether the project is in the Critically Polluted Area (CPA):	No		
7	Cost of the project :	Rs 1.0 crore		
8	Employment generated/to be generated	59		
9	Benefits of the project	The limestone of the lease area is suitable for cement plants of the state. It will not only provide employment to local populace but also benefit to the State in the form of Royalty and fund in district mineral foundation		

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

		for use in CSR activity and development of the project located district. Also, the mine management will conduct medical camps at regular interval in the nearby villages and will help the nearby villages in providing infrastructure like school furniture, water tankers, etc.
10	Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion	It is new mining lease area.
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable, It is new mining lease area.
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	Not applicable
14	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	Not applicable
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	Not applicable
16	Type of Mine: (Open cast/Underground/mixed)	Open Cast
17	Capacity of the mine applied for	0.10 Million TPA of Limestone and 0.11 million TPA of Reject stone
18	ML Area As per block allotment As per approved mine plan	10.90 Ha 10.90 Ha

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

19	Date of approval of mine plan, mine closure plan, status & date	Mining plan was approved from IBM - Jabalpur dated 26.12.2016
20	Date of Board's approval	Not applicable
21	Date of Ground water clearance	Not applicable
22	Date of mine closure approval	Mining plan was approved from IBM Jabalpur on 31/07/2017.
23	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	<ul style="list-style-type: none"> <li>• Siranji Nala, 50 Meter in south direction.</li> <li>• Tons River, 2.15 Km in northwest direction</li> <li>• Pathna Nala, 6.7Km in NW</li> <li>• Ghusru Nala, 8.3Km in SW</li> </ul>

The case was presented by the PP and their consultant, wherein committee presentation and discussion it was observed by the Google image that a natural drain at the Southern part of the lease exits with 500 mts radius of the lease boundary for which protection Plan shall be submitted in the final EIA report. After deliberations decided that being it's a case of Limestone Mine and falls under B-1 category 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. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. It was observed as per the Google image that a natural drain is in existence at the Southern part of the lease within 500 mts radius of the lease boundary for which protection Plan shall be submitted in the final EIA report
7. Level of mechanization should be discussed in the EIA report.
8. Hydro geological study should be carried out if ground water intersection is proposed.
9. Top soil management plan should be addressed in EIA report.
10. Input data of modeling should be addressed in EIA along with this all back up calculation.
11. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.

12. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
  13. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.
  14. Sample collection for the Ground water and surface water should be 05 or more.
  15. PP would follow environmental extend rules.
  16. Details of blasting to be provided in the final EIA report.
  17. Water balance chart to be submitted by the PP showing ZLD.
  18. Over-head sprinkling system to be proposed.
6. **Case No. - 5727/2018 Executive Engineer, Narmada Development Division No. 8, Sanawad, Distt.- Khargone, (M.P.) 450119. Reference No. for online tracking of project Details SIA/MP/RIV/21389/2017. Prior Environment Clearance for Narmada - Kshipra Link Multipurpose Project at Khasra No. 355, Village - Bakhatgarh, Dewas, Tarana, Ghatiya and Shajapur, Distt. - Ujjain, Shajapur, Dewas & Khandwa District of Malwa Region. in 162 Villages. (M.P.) Capacity - 30000 Hact. of land. Cat. - 1(c) River Valley and Hydroelectric Projects.**

This is a River Valley projects involving < 10,000 ha. of culturable command area falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from the SEIAA. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

Salient features of the project, proposed TOR and other details of the project were presented before the SEAC by the PP and his consultant, which reveals following:

#### **Overview:**

Madhya Pradesh (MP) is the State of India having a geographical area of 30.8 million hectares. The state is predominantly agriculture-oriented as 80% of its population is dependent on agriculture. The net sown area of the state is 14.96 million hectares. In Narmada Valley 29 Major Projects are proposed for construction by the State with irrigation potential of 14.174 lacs hectares and installed capacity of 2434.50 MW for power generation, out of which potential of 5.74 lacs hectares has already been created by completed 5 major projects, 16 medium projects and 893 minor projects. The Govt. of M. P. under Narmada Valley Development plans has emphasized on irrigated agriculture.

**Objective:**

The objective of the project is to increase production of agriculture and improve the living standard of farmers in the designed command area of **Ujjain, Shajapur&Dewasdistrict - Nagda area (Madhya Pradesh)**, by constructing Distribution Network for Micro-irrigation and also providing outlets for drinking and industrial use in Malwa region. This will lead to the utilization of limited water resources efficiently and ensure equitable assured water supply to the command area.

**Project Details:**

**Name of the Project** : **Narmada-Kshipra Multipurpose Project**

**Type of Project** : Lift Irrigation Project

**Project Location**

i) Supply Source : Omkareshwar Reservoir

ii) Lifting Point : Omkareshwar Reservoir in Khargone district near village Badel in forest range

iii) Feeder Reservoir : Proposed Junction structure near village Dewas Tehsil & District Dewas

iv) Command : In Ujjain and Shajapur districts

**River Basin**

a) Name

i) Lifting : Narmada Basin

ii) Command : Sub Basin of Chambal Basin

b) Located in : Madhya Pradesh

**Irrigation**

Gross Command Area (GCA) : 56,774 ha

Culturable Command Area (CCA) : 30,000 ha

Crop : Rabi - 100% (30,000ha)

**Water Utilization**

Discharge : 15 cumec



Annual Utilization	: 0.21 MAF (261 MCM)
Estimated life of the project	: 50 Years
Pump Head	Total lifting head – 497m
Pipe System	: Main transmission pipeline – 69.5 km
Distribution system	: piped distribution up to 2.5 Ha (HDPE/MS Pipe)
Power Requirement	: 89 MW
Cost	: 2215.64 Crore
B. C. Ratio	: 1.95

The case was presented by the PP and their consultant wherein during presentation it was submitted by the PP that 100 ha forest land is involved in the project, committee recommended that the application made by the PP for the FC clearance shall be submitted within 60 days and no submergence is involved in the project. After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA study along with following additional TORs and as per Annexure-D.:

1. A detail of the source (quantum of water available, other potential users etc.) from where water is envisaged to be lifted shall be furnished.
2. Places where diversions of nallah/natural drains are proposed should be detailed out in the EIA report.
3. Sedimentation study in the pipe lines including the deposition, scaling etc should be furnished with EIA report along with the methodology proposed for its cleaning.
4. Economic viability and cost benefit analysis be conducted and presented in the EIA report and should also take into consideration environmental/ecological factors.
5. How micro-irrigation technology shall be implemented in this project after the completion of the project should be discussed in the EIA report.
6. The study area for the EIA shall include 2.5 Km area on either sides of the pipeline.
7. Management plan for dug-out material generated during laying / construction of the pipe line / structures.

8. 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.
  9. An inventory of flora & fauna based on actual ground survey shall be presented.
  10. As forest land is involved in the project status of FC stage to be clarified with supporting documents with 60 days.
  11. PP should also explore the possibility of reducing proposed power requirement and methods proposed for dealing with back pressure in case of electricity failure should be studied in the EIA report.
  12. EIA report should cover impact of anticipated change in cropping pattern and associated activities like horticulture, animal husbandry etc.
  13. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
  14. Ratio of gravity flow and pumping should be studied in the EIA report as 03 pumping stations are proposed in the project.
  15. Since all the pumping stations are in remote locations, mechanism of providing power supply to them should be discussed in the EIA report. If fresh HT lines are proposed to be laid down issues such as land acquisition should be detailed out in the EIA report. For lying transmission line, if there is involvement of forest land, same should be added in the FC proposal.
  16. Any proposal for alternate power supply. If yes, their details should be discussed in the EIA report.
  17. Risk factors with their management plan should be discussed in the EIA report.
  18. Intensive flora and fauna should be studied as project is in close proximity with Ratapani Wildlife Sanctuary.
7. **Case No. - 5617/2017 Shri Yogesh Khare, Sakin Khare Building, Gandhiganj, Katni, MP – 483501. Prior Environment Clearance for Limestone & Dolomite Mine in an area of 1.870 Ha.. (25,266 ton per annum) (Khasra no. 503 New 867, 955) at Village-Rupaund, Tehsil - Badwara, Dist. Katni (MP).**

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 503 New 867, 955) at Village- Rupaund, Tehsil - Badwara, Dist. Katni (MP) 1.870 Ha. The project requires prior EC before commencement of any activity at site. PP has submitted ToR application forwarded by the SEIAA vide letter no. 1358 dated 15/12/2017.

Earlier this case was scheduled for the presentation in the 307<sup>th</sup> SEAC meeting dated 23/02/2018, wherein it was recorded that: Neither the Project Proponent (PP) nor his

representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 304<sup>th</sup> SEAC meeting dated: 15/01/2018 & SEAC 302<sup>nd</sup> SEAC meeting dated 22.12.2017 meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

This case was scheduled for the presentation in the 320<sup>th</sup> SEAC meeting dated 14/07/2018 as PP vide letter dated 20/05/2018 has requested to give a chance to present their case which was forwarded through SEIAA vide letter no.-1014 dated 14/06/2018 after relisting the case.

In this SEAC 320<sup>th</sup> meeting dated 14/07/2018 it was recorded that: Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

Today, this case was scheduled for the presentation, wherein it was recorded that: Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in SEAC 320<sup>th</sup> meeting dated 14/07/2018. 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.

**8. Case No. - 5728/2018 M/s Lalajee Minerals, Shri Nirmal Kumar Agrawal, 96, CSA Marg, Ranapur, Dist. Jhabua, MP - 457661 Prior Environment Clearance for Manganese (Psilomelane) mining in an area of 4.99 Ha. (975 ton per annum) (Survey no. 546) at Village- Negariya, Tehsil - Jhabua, Dist. Jhabua (MP).**

This is case of Prior Environment Clearance for Manganese (Psilomelane) mining in an area of 4.99 Ha. (975 ton per annum) (Survey no. 546) at Village- Negariya, Tehsil - Jhabua, Dist. Jhabua (MP). The project requires prior EC before commencement of any activity at site.

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

the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

9. **Case No. - 5707/2018 M/s Sterling Balajee Mega Ventures, Near Spring Valley, Katara Hills, Bhopal, (M.P.) - 462043. Prior Environment Clearance for Pride City Phase - I of M/s Sterling Balajee Mega Ventures at Khasra No. – 318/2, 319, 320/2, 321/2, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) (Total Plot Area: 40468.60 Sqm, Net Planning Area : 39868.60 Sqm,(3.986 Hect.) Total Built-up Area: 43830.48 Sqm. Cat. 8(a) Building and Construction Projects. For – Building Constructuion Project. Env. Con. – In Situ Enviro Care, Bhopal (M.P.)**

This is case of Prior Environment Clearance for Pride City Phase - I of M/s Sterling Balajee Mega Ventures at Khasra No. – 318/2, 319, 320/2, 321/2, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) (Total Plot Area: 40468.60 Sqm, Net Planning Area : 39868.60 Sqm,(3.986 Hect.) Total Built-up Area: 43830.48 Sqm. Cat. 8(a) Project.

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

**Salient features of the project:**

<b>S. No.</b>	<b>Particulars</b>	<b>Details</b>
1	<b>Name of the project</b>	<b>Pride City Phase - I of M/s. Sterling Balajee Mega Ventures</b>
	<b>Location:</b>	Vill.- Katara, Tehsil-Huzur, District- Bhopal (M.P.)
2	<b>Name of the Company,</b>	<b>M/s. Sterling Balajee Mega Ventures</b>
	<b>Address</b>	Near Spring Valley, Katara Hills, Bhopal (M.P.)
	<b>Tele No.</b>	9303131513
	<b>E-mail :</b>	<u>pridecity@hotmail.com</u>
3	<b>Latitude and Longitude of the project.</b>	<b>23°10'54.35"N, 77°29'42.93"E</b>
4	<b>If a Joint venture, the names &amp; addresses of the JV partners including their share.</b>	No JV.
5	<b>Project brief: nature of proposal (new/expansion,)</b>	New

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

<b>Total area - land use &amp; Project components</b>	<b>STATEMENT OF AREA</b>	
	A)	TOTAL AREA OF LAND = 40468.60 SQM(10.00 acre)
	B)	AREA IN ROAD WIDENING.UNDER ROAD = 600.00 SQM(0.148 ACRE)
	C)	NET PLANNING AREA = 39868.60 SQM(9.852 ACRE)
		PLOT AREA FOR ROW HOUSING = 29291.83 SQ.MT. (7.242 acre)
		PLOT AREA FOR MULTI UNIT RESIDENTIAL DEVELOPMENT = 10576.77 SQ.MT. (2.61 acre)
	ADDITIONAL F.A.R. OF ROAD WIDENING - As per rule 61 of M.P. bhumi vikas rule 1984	
	Norms for Multiunit Development (A,B,C,D,)	
	1	TOTAL AREA = 10576.77 SQ.M.(100%)
	2	ENTERTAINMENT BUILDING = 262.00 SQ.M. (2.47%)
	3	OPEN PARK & SERVICES (8.01% OF TOTAL) = 3198.60 SQM.(30.24 %)
	4	EWS AREA = 846.0 SQ.M.
	5	MAX. GROUND COVERAGE = 30%
	6	MAX. F.A.R. = 1:1.25
	7	MAXIMUM HEIGHT = 18 MTR.+STILT PARKING
8	M.O.S	
	FRONT = 12.0 M.	

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

		SIDES	= 6.0 M.
		REAR	= 6.0 M.
9	PARKING	= PARKING @ 1 ECS per 202 sq.mt. BUA	
		@ 25 Sq.mt. per car in Open	
		@ 30 Sq.mt. per car in Stilt	
		Minimum Distance between two blocks = 6.0 M.	
<b>NORMS FOR ROW HOUSING (C,D,E,F,G,H)</b>			
	TOTAL AREA	= 29291.83 SQM	
	AREA UNDER PLOTS	= 18235.66 SQM	

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

		OPEN PARK(4.49% OF TOTAL)	= 1791.72 SQM	
		ROAD AND CIIRCULATION AREA	= 9264.45 SQM	
		M.O.S , F.A.R. AND OTHER NORMS	= (4-T-2) AS PER BDP-2005	
		<b>E.W.S. CALCULATION</b>		
		<b>EWS FOR PLOTABLE DEVELOPMENT:-</b>	<b>EWS FOR MULTIUNIT DEVELOPMENT :-</b>	
		TOTAL BUILT UP AREA =29291.83X0.15X0.60 X 0.25= 659.06 SQ.M. GROUND COVERAGE = 219.68 SQ.M. @ 22.50 SQ.M./DUS = 29.29 SAY = 29.0 DUS.	TOTAL BUILT UP AREA =10576.77X0.15X0.25 = 396.63 SQ.M. GROUND COVERAGE = 132.2 SQ.M. @22.50 SQ.M./ DUS =17.62 . SAY = 18 DUS.	
		TOTAL EWS UNIT-29.0+18.0 =47 NOS. UNIT MOS-3.0 M		
6	<b>Cost of the project</b>	Rs. 4987 Lakh		

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

7	<b>Whether the project is in Critically Polluted area.</b>	No
8	<b>If the project is for EC under EIA Notification, 2006</b>	Yes
	<b>a) For the first time appraisal by EAC</b>	Yes
	<b>(i) Date of ToR:</b>	(i) Applied for ToR
	<b>(ii) Date of Public Hearing, location</b>	(ii) N.A.
	<b>(iii) Major issues raised during PH and response of PP</b>	(iii) N.A.
	<b>b) Second appraisal</b>	NO
	<b>(i) Date of first /earlier appraisal</b>	
	<b>(ii) Details of the information sought by the EAC with the response of the PP.</b>	
9	<b>If the project involves diversion of forest land</b>	NO
	<b>(i) extend of the forest land</b>	--
	<b>(ii) status of forest clearance.</b>	--
10	<b>If the project falls within 10 km of eco- sensitive area</b>	No Eco Sensitive Zone falls under 10 Km. radius of the project.
	<b>(i) Name of eco- sensitive area and distance from the project site,</b>	---
	<b>(ii) status of clearance from National Board for wild life</b>	---
11	<b>Waste Management</b>	(i) Approx. 313 KLD Water requirement.
	<b>(i) Water requirement, source, status of clearance</b>	<b>Source: Bhopal Municipal Water supply</b>



**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

	<b>(ii) Waste water quantity, treatment capacity, detail</b>	(ii) Total Waste Water Generation: 270 KLD. STP capacity: 400 KLD STP.( Combined for Phase - I & Phase - II)			
	<b>(iii) Recycling / reuse of treated water and disposal</b>	Recycled water will be used for landscaping and miscellaneous purpose.			
	<b>(iv) Solid Waste Management</b>	Details are given below:			
<b>SOLID WASTE QUANTIFICATIONS</b>					
	<b>Facilities Provided</b>	<b>Waste Generation Norms</b>	<b>Basis of Assumption</b>	<b>Unit</b>	
	Residential	0.4 Kg/capita/day	CPCB	2223	Persons
	Garden & Open Space	0.003 Kg/Sq m/day	Discussion with Horticulturist	4990	Sq.m
	STP Sludge	0.33 Kg/MLD of wastewater treated	Manual for Sewerage and sewage treatment by CPHEEO	0.27	MLD
	Waste Oil	100 Liters/MW/year	Assuming one maintenance per year	1.359	MW
<b>Total Waste Generated (TPD)</b>					
<b>Total Biodegradable 55 % of total (TPD)</b>					
<b>Total Non-Biodegradable 45 % of total (TPD)</b>					
	<b>(v) Hazardous Waste Management</b>	Transformer / Used Oil – 135.9 Liter/Annum Which will be Disposed through approved Vendor.			
12	<b>Other details</b> <b>(i) Noise Modelling with noise control measures for airports</b>	(i) N.A. --			
	<b>(ii) Details of water bodies, impact on drainage if any</b>	(ii) No water bodies passing through the project area			
	<b>(iii) Details of tree cutting</b>	<b>No trees have been proposed to be cut in the</b>			

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

		<b>project area.</b>									
	<b>(iv) Energy conservation measures with estimated saving</b>	The project planning for energy conservation through solar lighting is under process. All standards measures will be taken for the energy conservation.									
	<b>(v) Green belt development (20 % of construction projects and 33 % for others)</b>	Open Area/Landscaping = 4990.32 Sq.mt. .									
	<b>(vi) Parking requirement with provision made</b>	Independent car parking provided for plots. Stilt Parking will be provided for multi unit flats. PARKING @ 1 ECS per 202 sq.mt. BUA @ 25 Sq.mt. per car in Open @ 30 Sq.mt. per car in Stilt									
		<table border="1"> <tr> <td>Paking provided for multi unit</td> <td>217</td> <td>ECS</td> </tr> <tr> <td>Paking provided for plots</td> <td>289</td> <td>ECS</td> </tr> <tr> <td>Total Parking Provided</td> <td>506</td> <td>ECS</td> </tr> </table>	Paking provided for multi unit	217	ECS	Paking provided for plots	289	ECS	Total Parking Provided	506	ECS
Paking provided for multi unit	217	ECS									
Paking provided for plots	289	ECS									
Total Parking Provided	506	ECS									
13	<b>If the project involves foreshore facilities (i) Shoreline study (ii) Dredging details, disposal of dredge material (iii) Reclamation (iv) Cargo handling with dust control measures (v) Oil Spill Contingent Management Plan</b>	N.A.									
14	<b>If the project involves Marine disposal (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected,</b>	N.A.									

	<b>distance at which the outlet will reach ambient parameters 9 (iii) location of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information:</b>		
	<b>(ii) Employment potential</b>	150 Nos. (Approx.)	
	<b>(iii) Benefits of the project</b>	It's a residential building construction project.	
16	<b>Date of Ground water clearance:</b>	Applied for GW Clearance for the existing old bore wells on site.	
17	<b>Cost of proposed EMP and CSR (with detailed components &amp; proposed activities) with capitol cost and recurring cost.</b>	<b>@5% of project cost 2.4 crores for EMP including STP, Landscaping, RWH, Solar Lighting, Environmental monitoring etc. For entire project For CSR @2% of annual profile 6 Lakhs/year has been proposed for different activities like community toilets, drinking water/sanitation facilities in nearby areas.</b>	
18	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.	Total green area measures 4990.32 m <sup>2</sup> in the project. Total trees would be planted 438 Nos. Budgetary provision for the same will be submitted with the EIA report. The following table indicates the list of trees to be planted within the project.	
	<b>Sr. No.</b>	<b>Trees Name</b>	<b>Number</b>
	1	Ficas Tree	106
	2	Neem Tree	02
	3	Champa Tree	54
	4	Kachnar Tree	41
	5	Amaltas Tree	07
	6	Golden Brush	44
	7	Spathodea Tree	
	8	African Treip	13
	9	Lemon Tree	01
	10	Amla tree	01

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

11	Pride of India	01
12	Sappan Tree	15
13	Gulmohar	01
14	Morchalli	02
15	Madhukamni	13
16	Chandan	05
17	Drohmogra	05
18	Kajusena	17
19	Pipal Tree	01
20	Jatropha Plant	40
21	Eucalyptus	04
22	Bougainvillea	20
23	Fox Tail Palm	89
24	Cycas Palm	35
25	Phoenix Palm	15
26	Bottle Palm	09
27	Triangle Palm	13
28	Conpatria Palm	06
29	Bismarkia Palm	07
30	Washing Tonia Palm	05
	Total	572
19	Any river/Nallha flowing near or adjacent to the proposed project. If yes, please give details.	No water bodies passing through the project area

This case was scheduled in this meeting wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. During presentation, PP submitted following salient features of the project:

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

environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

**10. Case No. - 5708/2018 M/s Sterling Balajee Mega Ventures, Near Spring Valley, Katara Hills, Bhopal, (M.P.) – 462043. Prior Environment Clearance for Pride City Phase - II of M/s Sterling Balajee Mega Ventures at Khasra No. – 316/1, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) Total Plot Area: 32374.88 Sqm, (3.237 Hect.) Net Planning Area : 39868.60 Sqm. (3.237 Hect.), Total Built-up Area: 32374.88 Sqm., Cat. - 8(a) Building and Construction Projects. Reference No. for online tracking of project Details SIA/MP/NCP/26073/2018. For – Building Constructuion Project. Env. Con. – In Situ Enviro Care, Bhopal (M.P.)**

This is case of Prior Environment Clearance for Pride City Phase - II of M/s Sterling Balajee Mega Ventures at Khasra No. – 316/1, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) Total Plot Area: 32374.88 Sqm, (3.237 Hect.) Net Planning Area : 39868.60 Sqm. (3.237 Hect.), Total Built-up Area: 32374.88 Sqm., Cat. 8(a) Project.

This case was scheduled in this meeting wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. During presentation, PP submitted following salient features of the project:

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

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO2, NOx & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.

15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

**11. Case No. - 5395/2016 M/s Medicare Environmental Management Pvt. Ltd, 403, 4th Floor, BPTP Park Centre, Sector-30, NH-8, Gurgaon, Haryana – 122001 Common Biomedical Waste Treatment Facility (Khasra No. F-7, F-8, F-9 & F-10) at IID Jaderua, Morena, (M.P.) Cat. - 7(d) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs).**

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category “B” Projects of activity 7 (da) as per EIA Notification dated 14<sup>th</sup> September, 2006 and its subsequent amendments dated 17<sup>th</sup> April 2015, under Bio-Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

SN	Parameters	Description
1	Project Proponent	M/s. Medicare Environmental Management Pvt. Ltd
2	Brief description of nature of the project	Biomedical waste is generated from all health care institutions; nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks etc.  A Common Bio-medical Waste Treatment Facility is a set up where bio-medical waste, generated from a number of healthcare units, is suitably treated as per the prescribed procedure & norms laid down in the regulation.  Proposed project of setting up of the Common Bio- medical Waste Treatment Facility at IID Jaderua , Morena , Madhya Pradesh. The extent of proposed project is 1 Acres land.
<b>Salient Features of the Project</b>		
3	Proposed plant capacity	The project is aimed to cater 20,000 beds - @ 0.16-0.2 kg/day/bed = 3.2-4 TPD
4	Total Plot Area	1 Acre
	Location	Plot no. F-7,F-8,F-9 & F-10 , IID Jaderua, Morena , Madhya Pradesh.
5	Water requirement	Water requirement for the proposed CBWTF project is 50 KLD. Water will be sourced through Borewells & Water



**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

		Tankers
6	Source of water	Water requirement will be met through bore wells
7	Wastewater	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, etc. is 120 KLD and it shall be treated in effluent treatment plant.
8	Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 35 persons are proposed to hire for plant operations including officers, skilled and unskilled workers.
9	Electricity/ Power requirement	DG set of 100 KVA is proposed for the project and lines will be taken from the Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL)
10	<b>Total Project Cost</b>	<b>Project cost is Rs. 10 Cr</b>

M/s Medicare Environmental Management Private Ltd are proposing a Bio Medical Waste Management Facility at IID Jaderua, Morena with an area of 1 acres. The proposed project is Common Bio-medical Waste Treatment facility of Bio Medical Wastes collected from the various health care establishments/unit generating bio medical wastes. Facility includes Incinerator, Autoclave, Shredder, Storage and Effluent Treatment Facility.

The proposed treatment facilities at the site are Bio Medical Waste Segregation, Autoclave and Shredding and Incineration. The project is aimed to cater the needs of the Bio Medical waste generation units in the nearby Health Care Units of Madhya Pradesh state with an approximation of 20,000 beds@0.16-0.2kg/day/bed equals to 3.2-4 tons per day.

The primary purpose of incineration is to burn the waste to ashes through a combustion process. Medicare intends to setup a 5.0T/Day incinerator. The unit shall be a dual chambered incinerator. The purpose of autoclave is to sterilize/dis-infect the waste with steam. Microorganisms which contribute to infection do not survive beyond 80°C. However, as a precaution MoEF&CC has stipulated a temperature of 121°C with 15 psi pressure to ensure distribution of temperature. The total water requirement including makeup water for the proposed facility is 50 KLD and waste water generation would be around 120 KLD, the waste water generated will be treated in ETP.

The power required for the facility will be fetched from Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL). For emergency backup DG is maintained with optimal usage by using a High Speed Diesel with a capacity of 100 KVA.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

Earlier this case was Scheduled in 282<sup>nd</sup> SEAC meeting dated-10/10/2016 wherein it was observed that: The case was presented by the PP and their consultant wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:

- a. DFO certificate in the format prescribed by MP, SEIAA should be submitted with the EIA report for distances from National Parks/ Sanctuaries and Forest area.
- b. Justify in EIA report, how unit will remain zero discharge.
- c. Disposal plan of autoclaved material should be discussed in the EIA report.
- d. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
- e. In the EIA report, PP should provide the type of industries existing in the area with the list of MP, AKVN, and Gwalior.

PP has submitted the EIA report vide letter dated 03/04/2017 which was forwarded by the SEIAA vide letter no. 145/SEIAA/17 dated 07/04/2017.

The case was presented by the PP and their consultant in the 289<sup>th</sup> SEAC meeting dated 28/04/2017 wherein PP requested for the exemption from the public hearing which was to be conducted as per the TOR approved to the PP in the 282<sup>nd</sup> SEAC meeting dated-10/10/2016. During discussion PP informed that as per the MoEF&CC OM dated 10<sup>th</sup> December, 2014 this project is located in Plot no. F-7,F-8,F-9 & F-10 , IID Jaderua, Morena , Madhya Pradesh and this industrial area was notified prior to 2006 and thus does not require public hearing but could not put up any proof in support of their submission before the committee for consideration. Thus committee after deliberations decided that PP should either provide documentary evidence in support of seeking exemption or carryout public hearing of the site as per the procedure laid down in the EIA Notification, 2006. It was also informed to the PP that a complaint is received from Gram Panchayat Jaderua vide letter dated 26/04/17 about the project thus NOC from Gram Panchayat / Tharav-Prastava should also be obtained and issues raised should be addressed during public hearing.

The case was presented by the PP and their consultants in the 311<sup>th</sup> SEAC meeting dated 16/04/2018, wherein following submission were made by the PP:

1. The proposed project is development of Common Bio-Medical Waste Treatment Facility at Khasra No. F-7, F-8, F-9 & F-10, IIDC (Industrial Infrastructure Development Centre) Jaderua, Morena district, Madhya Pradesh.

2. The proposed project has been designed to treat up to 5 tons of bio-medical waste per day with Incinerator- 5 TPD (250 kg/hr), Autoclave – 2 TPD (430 litres/batch) and Shredder- 150 kg/hr with other facilities.
3. There are no ecological and otherwise sensitive areas viz. wildlife sanctuaries, national parks, archeological important areas within 10 km radius of the project site. There are no known rare, endangered or ecologically significant animal and plant species. Except for a few wild species of plants and grasses and a few animals that are very commonly spotted in any rural environment, the study area does not have any endangered or endemic species of animals. Due to the development of green belt at the project vicinity the impact on the ecology will be minimal.
4. The total water requirement for the proposed facility is 32 KLD. The primary source of water will be from IIDC Jaderua.
5. The wastewater generation will be 110 KLD and wastewater generated will be treated in in-house ETP of capacity 120 KLD.
6. The treated water shall be reused in APCDs, greenbelt, etc. The facility shall be developed as Zero Liquid Discharge (ZLD) system. No treated wastewater shall be let out of the premises of the proposed CBWTF.
7. A maximum of about 25 to 50 kilograms of solid waste will be generated per day. To prevent cross-contamination, solid waste generated within the premises shall be disposed of in incinerator. Otherwise, waste shall be segregated and disposed of as per MSW Rules, 2016.
8. Hazardous wastes generated in the facility include Incineration ash from Incinerator, ETP sludge from ETP process and used oil from the plant utility. Incineration ash and ETP sludge will be disposed of at TSDF facility located in Pithampur and Used oil will be sent to MPPCB approved authorized recyclers.
9. Storm water drains shall be provided throughout the facility taking topography into consideration. The storm water drains are connected to rain water collection chamber. The rain water thus collected shall be used for greenbelt, vehicle washing etc., after treatment, if necessary.
10. The facility shall be developed as Zero Liquid Discharge (ZLD) system. No treated wastewater shall be let out of the premises of the CBWTF.
11. No tree cutting is involved in the project. Reduction in usage of traditional light bulbs with Light Emitted Diode (LEDs) means reduction in usage energy consumption. Usage of Solar energy at different locations in the plant like parking light, roadside light etc. will be explored.
12. The green belt will be developed for the proposed project in an area of 1346 sq. m (33 %) of the total site area. Greenbelt will be developed all along the boundary and along the roads.

S. No	Description
-------	-------------

<b>1</b>	<b>Area allocated</b>	
	Along the Boundary	768 m <sup>2</sup> (256m*3m)
	Along the Road	230 m <sup>2</sup> (115m*2m)
	Open spaces	349 m <sup>2</sup>
<b>2</b>	<b>No. of Plants to be planted</b>	
	Along the Boundary	50 Trees & 85 Shrubs
	Along the Road	55 Trees
	Open spaces	60 Trees & Shrubs
<b>3</b>	<b>Plantation Schedule</b>	
	Construction Phase – Along the Boundary	50 Trees & 85 Shrubs
	Operational Phase – Along the Road and Open spaces	55 Trees, 60 Trees & Shrubs
<b>4</b>	<b>Budget Allocated</b>	
	Capital Cost	Rs. 4 lakhs
	Recurring Cost	Rs. 1.2 lakhs

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

1. The gap analysis study of private nursing homes and hospitals is reported in EIA on the basis of factor and it appears that actual gap analysis is not carried out. Thus committee asked PP to submit the actual gap analysis of private nursing homes and hospitals carried out during EIA study.
2. Socio economic data in chapter 3.10.5.2 needs to be resubmitted as discussed during presentation as per the studies conducted during EIA.
3. Revised list of plants for green belt as suggested by the committee.
4. The layout map should be submitted in A0 size map.
5. Revised CSR incorporating the suggestions made by the committee.
6. Copy of water supply commitment letter from AKVN.
7. Commitment of PP that it will be a zero liquid discharge unit.
8. A case is filed against the unit in the court of law and thus PP should submit the complete details and present status of this case.

The case was scheduled in 318<sup>th</sup> SEAC meeting dated 21/06/2018 as PP vide letter dated 20/04/2018 and 09/05/2018 has submitted the query reply which was placed before the committee. Committee on perusal of query reply submitted by PP decided to call PP for query reply presentation in the subsequent meetings of the SEAC.

The case was earlier scheduled in the 324<sup>th</sup> SEAC meeting dated 19/08/2018 wherein it is recorded that vide PP letter dated 16.08.2018 requested that due to pre-occupied inspection of existing BMW facility at other location their case scheduled today may be considered on meeting scheduled on 20.08.2018 which was placed before the committee. Committee after perusal of the request accepted for presentation on 20/08/2018 if time permits.

Today this case was placed before the committee for the query reply presentation and discussion.

The query reply presentation was made by the PP and their consultant. After discussion committee observed that the EMP and other submissions including query reply made by PP were found adequate and satisfactory and thus the case is recommended for grant of prior EC for development of Common Biomedical Waste Treatment Facility (Khasra No. F-7, F-8, F-9 & F-10) at IID Jaderua, Morena, (M.P.) Cat. - 7(d) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs).

1. The EC shall be valid for establishing Common Bio Medical Waste Treatment and Disposal Facility at Mandla with following treatment capacity –

Incinerator - 4 TPD (250 kg/hr)  
Autoclave – 2 TPD (430 litres/batch)  
Shredder - 150 kg/hr  
Other Associated Utilities and amenities.

**(A) PRE-CONSTRUCTION PHASE**

2. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
3. For dust suppression, regular sprinkling of water should be undertaken.
4. The entire area should be covered with 03 meters MS sheets and due care should be taken for noise and vibration control during demolition work.
5. PP will obtain other necessary clearances/NOC from respective authorities.
6. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe

- drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.
7. Take all necessary steps to ensure that the bio-medical waste collected from the occupier is transported, handled, stored, treated and disposed of, without any adverse effect to the human health and the environment, in accordance with the Bio-Medical Waste Management Rules, 2016 and guidelines issued by the Central Pollution Control Board from time to time.
  8. Ensure timely collection of bio-medical waste from the occupier as prescribed under the rules.
  9. Establish bar coding and global positioning system for handling of bio- medical waste.
  10. Inform the prescribed authority immediately regarding the occupiers which are not handing over the segregated bio-medical waste in accordance with the rules.
  11. Provide training for all its workers involved in handling of bio-medical waste at the time of induction and at least once a year thereafter.
  12. Undertake appropriate medical examination at the time of induction and at least once in a year and immunize all its workers involved in handling of bio-medical waste for protection against diseases, including Hepatitis B and Tetanus, that are likely to be transmitted while handling bio-medical waste and maintain the records for the same.
  13. Ensure occupational safety of all its workers involved in handling of bio-medical waste by providing appropriate and adequate personal protective equipment.
  14. Report major accidents including accidents caused by fire hazards, blasts during handling of biomedical waste and the remedial action taken and the records relevant thereto (including nil report) in Form I to the prescribed authority and also along with the annual report.
  15. Maintain a log book for each of its treatment equipment according to weight of batch; categories of waste treated; time, date and duration of treatment cycle and total hours of operation.
  16. Allow occupier, who are giving waste for treatment to the operator, to see whether the treatment is carried out as per the rules.
  17. Shall display details of authorization, treatment, annual report etc on its web-site.
  18. After ensuring treatment by autoclaving or microwaving followed by mutilation or shredding, whichever is applicable, the recyclables from the treated bio-medical wastes such as plastics and glass, shall be given to recyclers having valid consent or authorization or registration from the MP Pollution Control Board.
  19. Supply non-chlorinated plastic colored bags to the various occupiers, if required.
  20. Common bio-medical waste treatment facility shall ensure collection of biomedical waste on holidays also.
  21. Maintain all record for operation of incineration and other activities such as autoclaving & shredding etc for a period of five years.

**(B) CONSTRUCTION PHASE**

22. PPE's such as helmet, ear muffs etc should be provide to the construction workers.
23. Fire extinguishers should be provided on site during construction period.
24. Black carpet road should be provided to reduce dust suppression.
25. All vehicles carrying raw material should be covered with tarpaulin and unloading/loading activities should be stopped during windy period.
26. During construction phase, a settling tank should be provided and settled water should be reused for construction purpose.
27. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
28. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
29. Peripheral plantation inclusive of avenue and aromatic plantation at all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the EMP 450 trees & shrubs are to be planted with budgetary provisions of Rs. 4.00 lakhs.
30. LED should be preferred over of tube lights/CFL.
31. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
32. PP should explore the possibility of providing solar street light.
33. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.

**(C) POST CONSTRUCTION/OPERATIONAL PHASE**

34. Fresh water requirement for the project shall not exceed 132.0 KLD.
35. Land use breakup details as proposed by PP for this facility are as follows:

<b>Land use Break-Up for proposed unit , Total Area 4,000 Sq. mt.</b>	
<b>Particulars</b>	<b>Area</b>
Plant Area	833.00
Parking and vehicle wash	147.00
ETP	145.00
Road network	1150.00
Admin Building	91.00
Green Belt	1346.00
Open area	367.6.00

36. As proposed, the domestic waste water shall be treated in septic tank and soak pit system whereas industrial waste water shall be treated in ETP of 120 KLD. Recycling of treated water shall be ensured to maintain zero discharge conditions.
37. No effluent from the facility shall be discharged outside the premises and Zero discharge shall be maintained. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
38. Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. The ground water quality monitoring shall be monitored as per the MPPCB norms. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the Ministry's Regional Office at Bhopal and MPPCB.
39. On line continuous monitoring system shall also be installed to monitor the stack emission and data connectivity must be provided to the MPPCB's server for remote operations.
40. The height of the stack shall be not less than 30 mtrs.
41. Only low Sulphur fuel like Light Diesel Oil or Low Sulphur Heavy Stock or Diesel, Compressed Natural Gas, Liquefied Natural Gas or Liquefied Petroleum Gas shall be used as fuel in the incinerator.
42. Monitoring of the stack gaseous emissions (under optimum capacity of the incinerator) will be done once in three months through a laboratory approved under the EPA, 1986 /NABL and record of such analysis results shall be maintained and submitted to the prescribed authority. In case of dioxins and furans, monitoring will be done once in a year.
43. Ventury scrubber with mist eliminator, Bag Filter, Multicyclone and dust collector shall be provided as air pollution control equipment.
44. Combustion gas analyzer to measure CO<sub>2</sub>, CO and O<sub>2</sub> should be installed.
45. Internal roads will be concreted / asphalted to reduce dust emissions.
46. Spraying of "Ecosorb" should be performed on regular intervals to avoid any odor nuisance.
47. Magnetic flow meters shall be provided at the inlet/outlet of water supply point and records for the same shall be maintained and submitted to MPPCB regularly.
48. The PP should comply with the provisions made in Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016.
49. Dedicated parking facility for unloading of materials/wastes shall be provided in the facility premises. PP shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.
50. PP shall ensure that 02-03 additional vehicle shall be available all the time in addition to the required number of vehicle for collection and transportation of bio medical waste.



51. PP shall ensure that bio medical waste shall be treated completely within 48 hrs from the time of collection. All conditions and guideline lay down by CPCB and BMW Act, 2016 shall be complied.
52. No hazardous waste should be disposed off in this facility.
53. As proposed, in the EMP 450 trees are to be planted with budgetary provisions of Rs. 4.00 lakhs in the project area which shall be developed as green belt within plant premises with at least 5 meter wide green belt on all sides along the periphery of the project area and along road sides etc. Selection of plant species shall be as per the CPCB guidelines and in consultation with the DFO.
54. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
55. In case of power failure, stand by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the facility shall be installed, so that the facility shall always be operated round the clock even in case of power failure.
56. The overall noise level in and around the facility area and D.G. Set shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.
57. For avoiding vehicle congestion /traffic jam within facility premises or outside road proper turning and parking space be provided. Also all internal roads shall be made pucca/bituminous top to avoid fugitive emissions.
58. All recommendations and pollution mitigative measures proposed in the EMP shall be binding for the project authorities.
59. Pucca flooring / impervious layer shall be provided in the work areas, chemical/waste oil storage areas and chemical handling areas to minimize soil contamination.
60. Good housekeeping shall be maintained within the facility premises. All pipes, valves and drains shall be leak proof. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal.
61. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.
62. Bio-medical waste shall be treated and disposed of in accordance with Schedule I, and in compliance with the standards provided in Schedule-II by the facility operator as per Bio-Medical Waste Management Rules, 2016 and guidelines issued by the Central Pollution Control Board from time to time.
63. After ensuring treatment by autoclaving or microwaving followed by shredding, the recyclables from the treated bio-medical wastes such as plastics and glass shall be given to

such recyclers having valid authorization or registration from the respective prescribed authority.

64. The Occupier or Operator of facility shall maintain a record of recyclable wastes referred to in sub-rule (9) of Bio-Medical Waste Management Rules, 2016 which are auctioned or sold and the same shall be submitted to the prescribed authority as part of its annual report. The record shall be open for inspection by the prescribed authorities.
65. The handling and disposal of all the mercury waste and lead waste shall be in accordance with the respective rules and regulations.
66. Bar Code System should be developed by the facility operator as per the guidelines issued by the Central Pollution Control Board for ensuring compliance to the BMW Rules, 2016.
67. The facility operator shall adhere to the "STANDARDS FOR TREATMENT AND DISPOSAL OF BIO-MEDICAL WASTE BY INCINERATION AND PLASMA PYROLYSIS OR GASIFICATION," as per Schedule II of the Bio-medical Waste Management Rules, 2016.

**(D) ENTIRE LIFE OF THE PROJECT**

68. PP has proposed Rs. 87.00 lacks for environmental monitoring and management inclusive of green belt development and Rs. 39.00 lacks/year for recurring expenses in the proposed EMP of this project.
69. Under CSR activity, minimum 02% of the annual profit are proposed in different activities and should be implemented through respective committees.
70. The environmental policy with Environmental Management Cell as per MoEF guideline will be prepared by PP and the with suitably qualified staff for implementation of the stipulated environmental safeguards and for monitoring functions shall be setup under the control of the Chief Executive of the company.
71. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
72. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
73. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
74. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP OR THE PROJECT ISSUES RECEIVED FROM SEIAA / PENDING FROM A LONG TIME FOR WANT OF DESIRED INFORMATION**

12. **Case No. 3289/15 Shri Vijay Gupta, Partner, M/s V.S. Minerals & Co., 1st Floor, Near Guru Nanak Dharmkanta, NH-7, Bargawan, District-Katni (MP)-483501 Prior Environment Clearance for approval of Limestone, Dolomite and Barites Mines Lease Area - 10.21 ha., Capacity - (expansion in production capacity from 5000 TPA to 36418 TPA) Khasra No.-276, 274, 262, 263,260, 244, 278, 261, at Vill.-Sejha, Tehsil-Badwara, District-Katni.**

This is case of Limestone, Dolomite and Barites. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-276, 274, 262, 263,260, 244, 278, 261, at Village-Sejha, Tehsil-Badwara, District-Katni (MP) 10.21 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was discussed in the 218<sup>th</sup> SEAC meeting dated 24/08/2018 wherein it was recorded that: This is case of Limestone, Dolomite and Barites Ore mining where TOR is to be issued. After deliberations following TORs were issued by the committee in addition to the standard TORs prescribed by the MoEF & CC:

1. Should submit MoEF&CC compliance report of earlier EC.
2. Details of over burdens, its stacking, stabilization details, and storage method along with protection plan be discussed.
3. As the expansion quantity will increase by seven times, the EIA should detailed out the cumulative impacts on all environmental surroundings such as dam, water body, village and their protection plan.
4. Detailed plantation scheme should be submitted with the EIA.
5. Year wise details of production taken in past should be submitted in the EIA.

This case was placed before the committee for the discussion as SEAC has issued TOR on 09.09.2015 for an expanded capacity of 36,416 TPA. Now PP has submitted a revised Form-1 and Feasibility Report for an expanded capacity of 39,105 TPA limestone and 27,632 TPA dolomite. Since one year has elapsed after the issue of TOR and therefore any revision in the Form-1 shall attract closer of the case for purposes of appraisal and PP will have to apply afresh with modified production capacity with the new approved mining plan of the competent authority.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

PP has applied with new Case No. - 5618/2017 M/s V.S.Minerals, 1st floor, Near of Guru Nanak Dharamkanta, NH - 7, Bargawan, Dist. Katni, MP – 483501 Prior Environment Clearance for Limestone & Dolomite Mine in an area of 10.21 Ha. (Expansion from 5000 TPA to - 26,502 TPA Limestone and 24,499 TPA Dolomite) (Khasra no. 276, 274, 262, 263, 260, 244, 278, 261) at Village- Sejha, Tehsil - Badwara, Dist. Katni (MP).The case was scheduled for the presentation 302<sup>nd</sup> SEAC meeting dated 22.12.2017 wherein TOR was recommended by the committee.

After deliberations, committee recommendd that since fresh TOR has been recommended on the same location with change in capacity, old case number with Case No. 3289/15 may be send to SEIAA for delisting & further necessary action.

**13. Delisting of TOR as their validity has expired.**

TOR's were issued to the following cases and till date neither the EIA is submitted by PP nor has PP submitted any request for TOR's validity extension and the validity of TOR is expired. Hence committee after deliberations decided that these cases may be sent to SEIAA for delisting:

SN	Case No. Activity	SEAC Meeting details	ToR Validity
1.	Case No. - 2000/14. Shri Devraj S. Kavad, Proprietor, M/s Shiv Dyes & Intermediates, 22-23, Panchvati Park Society, Nava Naroda, Gopal Chowk, Near Raghuv eer Vidya Mandir, Ahmedabad-382346 Prior Environment Clearance for approval of proposed Manufacturing unit of Dyes & Intermediates at Vill.-Meghnagar, District-Jhabua (M.P.) Cat. – 5 (f) Synthetic Organic Chemicals.	ToR Recommended in 206 <sup>th</sup> SEAC meeting date 21/07/15.	ToR Valid up to 20/07/2018.
2.	Case No. – 3030/2015 Mr. Salim M. Rangwala Mr. Zubair I. Rangwala Akik Dye Chem (Unit-2), B/h. J.K. Barrel, Nr. Chandola Police Chowki, Danilimda, Ahmedabad (GuJ.)-380028 Global Impex "Manufacturing of Vat Dyes" at Plot No. – 39-A, AKVN Industrial Growth Centre, Meghnagar Vill. & Teh.-Meghnagar, District-Jhabua (M.P.) Capacity - 4 MT/Month, Plot Area- 1500 Sq.m. Cat. – 5 (f) Synthetic Organic Chemicals.	ToR Recommended in 206 <sup>th</sup> meeting date 21/07/15.	ToR Valid up to 20/07/2018.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 20 August 2018  
OF 325<sup>th</sup> MEETING**

3.	Case No.- 2508/2015 Shri Anand Kumar Chaturvedi S/o Shri Saish Kumar Chaturvedi, Resident of Baronikhurd, Datia (M.P.) Pachara Stone Quarry Lease Area - 2.00 ha., Capacity-20,000 cum/year at Vill.-Pachara, Th.-Datia, Dist-Datia (M.P.) Cat. – 1(a) Mining.	ToR Recommended 200 <sup>th</sup> SEAC Meeting dt. 30/06/15	Valid up to 29/06/18.
4.	Case No. – 2736/2015 Smt. Santosh Suchdeva W/o Shri Brajmohan Suchdeva, Court Road, Shivpuri (MP) Badera Granite Quarry Lease Area - 2.00 ha., Capacity -25,448 cum/year, at Khasra No. – 2565, Vill.-Badera, Teh.-Pichore, District-Shivpuri (M.P.) Cat. – 1(a) Mining.	ToR Recommended 209 <sup>th</sup> SEAC Meeting dt. 24/07/15.	Valid up to 23/07/18.

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

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

**(Dr. J. P. Shukla)**  
Member

**(Prashant Shrivastava)**  
Member

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

**(Mohd. Kasam Khan)**  
Chairman

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

**Annexure- 'A'**

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

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

**Annexure- 'B'**

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

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'C'**

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

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

**Annexure- 'D'**

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

1. 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.
2. An inventory of flora & fauna based on actual ground survey shall be presented.
3. Risk factors with their management plan should be discussed in the EIA report.
4. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
5. The EIA document shall be printed on both sides, as far as possible.
6. All documents should be properly indexed, page numbered.
7. Period/date of data collection should be clearly indicated.
8. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.



9. 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.
10. 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.
11. Grant of TOR does not mean grant of EC.
12. 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.
13. 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.
14. 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.
15. All the necessary NOC's duly verified by the competent authority should be annexed.
16. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
17. 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.
18. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
19. 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.
20. 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.
21. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
22. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

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

23. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
24. Detailed analysis of availability and quality of the drinking water resources available in the block.
25. 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.
26. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.