

The 454th meeting of the State Expert Appraisal Committee (SEAC) was held on 29th August, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Dr. Rubina Chaudhary, Member.
7. Shri A.A. Mishra, Secretary.

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

- 1. Case No. – 6549/2019 Shri Nitin Agrawal S/o Shri Shyam Kishore Agrawal, R/o Mahal Road, Dist. Chhatarpur, MP - 471525. Prior Environment Clearance for Stone Quarry in an area of 1.424 ha. (75,978 cum per annum) (Khasra No. 1084), Village - Badaura Kalan, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1084), Village - Badaura Kalan, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.424 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter no 4136 dated: 26/07/2019 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 27.025 ha including this mine.

Earlier this case was scheduled for presentation and discussion in 399th SEAC meeting dated 30/10/2019 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated NIL which was forwarded through SEIAA vide letter no. 2257 dated 19/08/2020, which was placed before the committee.

PP and their consultant presented the EIA before the committees, PP submitted following details regarding proposed project:

- The proposed project is to mine of Crusher Stone Mining Project and the estimated project cost is Rs. 97.76 Lakhs. The proponent has applied for mining lease of Crusher Stone Mining over an area of 1.425 hectare and Khasra No- 1084, Village: Badaura Kalan, Tehsil- Gaurihar & District- Chhatarpur (M.P.). It has been proposed to collect approximately 75,978m³ per annum of Crusher Stone Mining Project material.
- The Mining Project is falling under cluster having other mine lease area also. The sum total of lease area including other mine is 27.025 Ha. which is ≥ 5.0 ha therefore as per MoEF&CC GoI O.M. No.L-11011/175/2018-IA-II (M) Dated: 12/12/2018. It is applied under Cat-B1.

TIMELINE OF THE PROJECT

Date of Letter of Intent (LOI)	क्र.1052/खनिज/2016,Chhatarpur, Dated: 22.07.2016
Date of TOR application submitted	29.08.2019
Agenda No. & Date of TOR presentation	399 th Meeting of SEAC, Dated: 30.10.2019
Date TOR issued	13/12/2019
Date & Duration of Baseline Data Collection	October to December 2019 (Post Monsoon - 3 Months)
Date of Draft EIA submitted at MPPCB	03/01/2020
Date of Public Hearing Advertisement	05/06/2020 (Dainik Bhaskar & Desh Bandhu)
Date of Public Hearing	09/07/2020
Date of Final EIA submitted at SEIAA M.P	09/08/2020
Date of Final EIA Appraisal at SEAC	29/08/2020

Project Details:

Name of Proponent	Shri Nitin Agrawal S/o Shri Shyam Kishore Agrawal
Full correspondence address of proponent	R/o: Mahal Road, Chhatarpur (M.P.)
Name of Project	“Crusher Stone (Granite) Mine”
Project location (Plot/Khasra/Gate No.)	Khasra No. 1084 (P), Area: 1.425 Ha, Village: Badaura Kalan, Tehsil: Gaurihar, District: Chhatarpur, M.P.
Name of Minor Mineral	“Crusher Stone ”
Type of Land	Govt. Non Forest Land
Sanctioned Lease Area (in Ha)	1.425 Ha
Schedule (as per EIA notification 2006)	1(a) i
Category of Project	B(1) as the project comes under the Cluster of 6 Mines in 500m

	periphery.		
	S. No.	Khasra No.	Area (Ha)
	1	1084	1.425
	2	1084	1.500
	3	946	2.900
	4	946	2.900
	5	946	4.000
	6	946	4.000
	7	1084	10.300
		Sub Total	27.025
	Therefore as per MoEF&CC, GoI O.M. No. L-11011/175/2018-IA-II (M) Dated: 12/12/2018 if a cluster or an individual lease exceeds 5 Ha (Cluster Certificate attached as Annexure) the EIA/EMP be made applicable in the process of grant of prior Environmental Clearance.		
Proposed Production	75,978 m ³ /annum(Max.)		
Method of Mining	Open Cast, Semi-mechanized		
Sanctioned Period of Mine lease	Lease Period - 10 Years (07.04.2016 To 06.04.2026), Plan Period - 02 Years (01.04.2019 To 31.03.2021)		

After presentation and deliberation, PP was asked to submit following information:

1. Hillock height with RL difference.
2. Bench configuration details.
3. 02-03 trees for which PP submitted that trees will be uprooted only after getting approval with the competent authority, for which a commitment is to be submitted by PP.
4. Blasting details.
5. Commitment that no blasting shall be carried out after 5.0PM
6. Protection plan from fly rock for nearby fields.
7. Mitigative measures for high air quality of PM 2.5 & PM10.
8. An affidavit regarding crusher shall not be installed within lease.
9. Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic and other activity as suggested by the committee.

PP vide their letter dated 29.08.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. 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 EC for Stone Quarry in an area of 1.424 ha. (75,978 cum per annum) (Khasra No. 1084), Village - Badaura Kalan, Tehsil - Gaurihar, Dist. Chhatarpur (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 activity 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. Haul road and shall be compacted on regular interval 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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.

20. 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. As proposed in the landscape plan & EMP a minimum of 1710 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 750M X 1M X 1M. The settling tank will be 02 in number of size 10mx 2m x 2m.
25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

Land area proposed under mining	1.0691 Hectare
Land area covered under 7.5m statutory boundary	0.1324 Hectare
Land area under Storage, Office and Hutments	0.010 Hectare
Land area under plantation on 4.5 m boundary	0.2135 Hectare

28. 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.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 35.95Lakh is proposed and Rs.4.95 Lakh /year as recurring expenses.
34. Under CSR activity, Rs. 4.90 Lakh /year are proposed for 02 years as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
35. 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.
36. 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.

2. Case No. – 6695/2019 M/s Shri Ramraja Granite, Prop. Shri Devendra Shivhare, Indira Nagar, Kabrai, Dist. Mahoba, UP – 210424 Prior Environment Clearance for Stone Quarry in an area of 1.692 ha. (41,085 cum per annum) (Khasra No. 1392/1/Ka), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1392/1/Ka), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, (MP) 1.692 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1939 dated: 08/04/19 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 12.492 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 412th SEAC meeting dated 09/12/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 14/8/20 which was forwarded through SEIAA vide letter no. 2304 dated 20/08/2020, which was placed before the committee.

PP and their consultant presented the EIA before the committees, PP submitted following details regarding proposed project:

- The project is being proposed by Shri Nitin Agrawal. The proposed project is to mine of Crusher Stone Mining Project and the estimated project cost is Rs. 80.07 Lakhs. The proponent has applied for mining lease of Crusher Stone Mining over an area of 1.692 hectare and Khasra No- 1392 /1/Ka, Village: Didwara, Tehsil-Lavkush Nagar& District-Chhatarpur (M.P.). It has been proposed to collect approximately 41,085m³ per annum of Crusher Stone Mining Project material.
- The Mining Project is falling under cluster having other mine lease area also. The sum total of lease area including other mine is 10.800 Ha. which is ≥ 5.0 hatherefore as per MoEF&CC GoI O.M. No.L-11011/175/2018-IA-II (M) Dated: 12/12/2018. It is applied under Cat-B1.

TIMELINE OF THE PROJECT

Date of Letter of Intent (LOI)	SIA/MP/MIN/34001/2019
Date of TOR application submitted	6695/2019 Dated: 06.12.2019
Agenda No. & Date of TOR presentation	412th Meeting of SEAC, Dated: 09.12.2019
Date TOR issued	26/12/2019
Date & Duration of Baseline Data Collection	April to June 2019 (Pre Monsoon -3 Months)
Date of Draft EIA submitted at MPPCB	03/01/2020
Date of Public Hearing Advertisement	10/06/2020 (Dainik Bhaskar & Desh Bandhu)
Date of Public Hearing	11/07/2020
Date of Final EIA submitted at SEIAA M.P	09/08/2020
Date of Final EIA Appraisal at SEAC	29/08/2020

Project Details:

Name of Proponent	M/s Ramraja Granite
Full correspondence address of proponent	R/o - H.No.: Indira Nagar, Kabrai, District – Mahoba, (U.P.)
Name of Project	“Crusher Stone (Granite) Mine”
Project location (Plot/Khasra/Gate No.)	Khasra No. 1392/1/Ka, Area- 1.692 Ha, Village- Didwara, Tehsil- Lavkush Nagar, District- Chhatarpur, State- M.P.
Name of Minor Mineral	Stone Mining Project
Type of Land	State Government Land
Sanctioned Lease Area (in Ha)	1.692 Ha.

Schedule (as per EIA notification 2006)	1(a)i		
Category of Project	B(1) as the project comes under the Cluster		
	S. No.	Khasra No.	Area (Ha)
	1	1391	4.000
	2	1391	1.350
	3	1391	4.000
	4	1391	1.450
		Total	10.800 Ha.
	Therefore as per MoEF&CC, GOI O.M. No. L-11011/175/2018-IA-II (M) Dated: 12/12/2018 if a cluster or an individual lease exceeds 5.0 Ha (Cluster Certificate attached as Annexure) the EIA/EMP be made applicable in the process of grant of prior Environmental Clearance and we have applied it under Cat-B1.		
Proposed Production	Proposed maximum production is 41085m ³ /annum		
Method of Mining	Open Cast, Semi-mechanized		
Sanctioned Period of Mine lease	Lease Valid up to 10 years Vide Letter No. क्रमांक/ 3459/ खनिज/2018,दिनांक : 24.07.2018		

After presentation and deliberation, PP was asked to submit following information:

1. Hillock height with RL difference.
2. Bench configuration details.
3. 04-05 trees for which PP submitted that trees will be uprooted only after getting approval with the competent authority, for which a commitment is to be submitted by PP.
4. Blasting details.
5. Commitment that no blasting shall be carried out after 5.0PM
6. Protection plan from fly rock for nearby fields.
7. Mitigative measures for high air quality of PM 2.5 & PM10.
8. An affidavit regarding crusher shall not be installed within lease.
9. Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic and other activity as suggested by the committee.

PP vide their letter dated 29.08.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. 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 EC for Stone Quarry in an area of 1.692 ha. (41,085 cum per annum) (Khasra No. 1392/1/Ka), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, (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 activity 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. Haul road and shall be compacted on regular interval 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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.

20. 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. As proposed in the landscape plan & EMP a minimum of 2000 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 750M X 1M X 1M. The settling tank will be 02 in number of size 10mx 2m x 2m.
25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

Land Use Pattern after Proposed plan Period of Five years	
Category	Area in Hectares
Road	0.020
Quarry	0.71
Dump along safety strip	0.24
Plantation along safety strip	0.09
Total used	1.06
Balanced	0.632
Total area	1.692

28. 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.

29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 33.96akh is proposed and Rs.4.71 Lakh /year as recurring expenses.
34. Under CSR activity, Rs. 4.0 Lakh /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
35. 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.
36. 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.

3. Case No 7423/2020 M/s Mohammad Pure Minerals, Shri Mohammad Waseem & Shri Mohammad Noman, House No. 1, Didwara, Dist. Chhatarpur, MP – 471405 Prior Environment Clearance for Stone Quarry in an area of 1.859 ha. (71986 cum per annum) (Khasra No. 1930/1), Village - Didwara, Tehsil - Lavkushnagar, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1930/1), Village - Didwara, Tehsil - Lavkushnagar, Dist. Chhatarpur (MP) 1.859 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 920 dated: 05/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	within lease area and in the lease periphery	-	Inventory of trees with species and girth details and plan.

After presentation the committee asked to submit following details:

- Some trees for which PP submitted that trees will be uprooted only after getting approval with the competent authority, for which a commitment is to be submitted by PP.
- Topsoil management plan.
- Bench configuration with cross section details.
- Blasting details.
- Commitment that no blasting shall be carried out after 5.0PM
- An affidavit regarding crusher shall not be installed within lease.
- Revised CER as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 71,986 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 33.93 Lakh as capital and Rs. 4.58 Lakh/year and under CER Rs. 04.0 Lakh/ year has proposed.

4. Case No 7477/2020 M/s AMD Infrastructure Pvt. Ltd & M/s Sudhir Verma Associates Construction Pvt. Ltd, Mr. Sudhir Verma, Director, 32/2, New Palasia, Dist. Indore, MP – 452001 Prior Environment Clearance for Construction of Residential Multi Flatted Units "Dream City" (Total plot area-28338.28 Sq. Mt., Total Proposed Built-up Area - 42507.42 Sq. Mt.) at Village - Talawali Chand, Tehsil - Indore, Dist. Indore, (MP)

This is case of Prior Environment Clearance for Construction of Residential Multi Flatted Units "Dream City" (Total plot area-28338.28 Sq. Mt., Total Proposed Built-up Area - 42507.42 Sq. Mt.) at Village - Talawali Chand, Tehsil - Indore, Dist. Indore, (MP).

The case was presented by the PP and their consultant during presentation during presentation PP stated that this is case of violation and 100% construction has been done and 100% occupancy has also been took place. Further submitted that and they have applied in the window period prescribed by MoEF&CC notifications on no. F/22-10/2019-1d-III dated 22.09.2019 for taking violation TOR. Also the Ralamandal sanctuary is >10KM from the project site. PP further submitted that they have started collecting the data. As per Google image based on coordinates provided by PP committee asked PP to submit exact distance from Khan River to the project their protection plan w.r.t. to Khan River Storm water particularly during monsoon.

Chronology of the project:

- I. Master Plan approved by **Directorate of Town and Country Planning, Madhya Pradesh** on dated 18.07.2008
- II. Construction was started on 01.12.2008.

Type of dwelling Units	Total Unit Proposed	Possession given	Unit Incomplete	Unit Completed
Flats units	542	542	00	542

Proposal submitted to SEIAA	EDS SEIAA	by	Submission of EDS	Accepted by SEIAA	Hardcopy submission	SEAC Agenda
10/04/2018	28/04/2018		28/07/2020 30/08/2020 10/08/2020	24/08/2020	24/08/2020	29/08/2020

Project Activity	8(a)Building and Construction
Category	8(a) Building and Construction Category B: $\geq 20,000$ Sq. mtrs and $<1,50,000$ of built up area.
Project Details	
Name of Project	Proposed Residential Multi flatted Units By M/s Sudhir Verma Associates Construction Pvt. Ltd.
Total Land Area	28,338.28 m ²
Proposed Built-up Area	42507.42 m ²
Height of the building	18 m
Building configuration	G + 6
Estimated Project Cost	INR 70.0 Crores
EMP Budget	Capital Cost- Rs. 4.2 Cr, Recurring Cost- Rs.2.45 Lakhs

Committee observed that according to the latest MoEF &CC Notification dated 09/Sep/2019 only those proposals of violation may be taken up for consideration under the provisions of MoEF&CC notifications on no. F/22-10/2019-1d-III dated 22.09.2019 dated 14/03/2017 to 03/09/2017 & 08/03/2018 to 13/04/2018 for which PP submitted that this proposal was uploaded at PARIVESH between the violation window period from 14.03.2017 to 13.04.2018 and have submitted the chronology.

Committee considering the recent GoI, MoEF & CC Notification dated 8th 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 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Exact distance from Khan River to the project site and protection plan w.r.t. to Khan River Storm water particularly during monsoon season which is very adjacent to the project.
2. Project description, its importance and the benefits.
3. 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.
4. 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.
5. Land acquisition status, R & R details.
6. 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.
7. Baseline environmental study for ambient air (PM10, PN2.5, SO₂, NO_x & 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.

8. Details on flora and fauna and socio-economic aspects in the study area.
9. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
10. Sources 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.
11. Waste water management (treatment, reuse and disposal) for the project and also the study area
12. 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.
13. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
14. Explore possibility of roof top gardening in the proposed project.
15. 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.
16. 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.
17. 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.

5. Case No 7493/2020 M/s Manas Constructions, Shri Mukesh Mandhan, Director, 302, Vishal Trinity, 24-B, Sneha nagar, Main Road, Dist. Indore, MP Prior Environment Clearance for Construction of Multiplex cum Shopping Centre Residential Multi Dwelling Units "Ishwari Westend" [Total Plot Area = 17350.00 sqm, Total Built-up Area = 47255.00 sqm] at Village - Hukmakhedi, Tehsil and Dist. Indore (MP)

This is case of Prior Environment Clearance for Construction of Multiplex cum Shopping Centre Residential Multi Dwelling Units "Ishwari Westend" [Total Plot Area = 17350.00 sqm, Total Built-up Area = 47255.00 sqm] at Village - Hukmakhedi, Tehsil and Dist. Indore (MP)

The case was presented by PP and their consultant during presentation PP stated that this is a green field project where no construction is done. The Ralamanadal sanctuary is <10.0 KM from the site and applied for NBWL clearance vide FP/MP/others/5313/2020 dated 19.08.2020. As per Google image based on coordinates provided by PP it was observed that there is some difference in area details form -1 & 1A committee asked PP to submit revised

form -1 & 1A immediately in the SEIAA with copy to SEAC. Also within proposed project area 03 tree are existing are proposed for felling committee asked PP to plant 30 additional trees .

PP submitted that this is multiplex commercial cum residential multi dwelling Units project. The other details of the project are as given below:

- Proposed project will provide ample parking as per norms in the stilts and open.
- The internal zone within the plots will be paved and pedestrian friendly design.
- Separate entries and exits for smooth movement of traffic through adequate traffic signage.
- Plantation shall be provided at roadsides and open spaces with the specific
- Species to attenuate dust and cyclonic winds.
- The ambient air quality shall be monitored as per prevalent norms to ensure that the activities at the site are not polluting the ambient environment.
- The entire site will not be simultaneously under heavy construction, with different sections of the site generating SPM in a progressive manner. Thus, as a worst- case scenario, it is conservatively assumed that during the heavy construction period, one third of the area will be actively emitting PM.

Committee after presentation and deliberation PP was asked to submit following information for further consideration of the project.

1. Revised form -1 & 1A as some difference in area details.
2. Details of revised plantation species proposed in green belt development with numbers as suggested during presentation.
3. Revised water demands with include water demand of EWD.

PP vide letter dated 29.08.2020 has submitted the copy of revised form IA, revised plantation species details which was placed before the committee. After presentation and submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Construction of Multiplex cum Shopping Centre Residential Multi Dwelling Units "Ishwari Westend" [Total Plot Area = 17350.00 sqm, Total Built-up Area = 47255.00 sqm] at Village - Hukmakhedi, Tehsil and Dist. Indore (MP). Cat. 8(a) subject to the following special conditions:

Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.
- ix. The project area shall be secure through boundary wall and excavated top soil shall not be used in filling of low lying area. The top soil shall be used for greenery development.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 03 Diesel power generating sets 750 kVA X 2 no. & 320X01 nos. proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided

for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.

- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG sets 750 kVA X 2 no. & 320X01 nos. shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 210 KLD out of which 94 KLD is fresh water requirement and 168 KLD will be the total waste water generated, out of which 74 KLD recycled water will be used for flushing and 12 KLD water will be used for horticulture.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water

available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.

- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fires water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 05 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 117.42 m³/hr . Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xv. All recharge should be limited to shallow aquifer.
- xvi. No ground water shall be used during construction phase of the project.
- xvii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xviii. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.

- xix. Sewage shall be treated in the MBBR based STP (Capacity - 200 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xx. The waste water generated from the project shall be treated in STP of 200 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxi. No sewage or untreated effluent water would be discharged through storm water drains.
- xxii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

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

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- iv. Energy Conservation measures like installation of CFLs/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-laws requirement, which is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i. Total waste 827.3 Kg/day, this consist all types of wastes (as Organic waste 496 Kg/day and non- organic waste 248Kg/day), Inert waste 82.7Kg/day, E- waste 259.3 Kg/Annum , and these all type of waste shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.

- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i. Total 1530 trees shall be planted in the area of 1735.0m² (10 % of total plot area)which is developed as greenbelt development.
- ii. No tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points

d. Parking norms as per local regulation

- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 514 ECS (in which nil ECS for Basement parking , 320 for ECS for Silt parking and 39 for open parking).
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

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

X. Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined

- system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
 - v. For Environment Management Plan PP has proposed Rs. 246 Lakh as capital and Rs. 40 Lakhs as recurring cost for this project.
 - vi. For this project PP has proposed Rs 91.0 Lakhs as Corporate Environment Responsibility (CER) for remaining project component.

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

6. **Case No. – 5789/2018 M/s Satyamitra Infrastructure Pvt. Ltd, 247, Prem Trade Centre, Maharani Road, Indore, MP Prior Environment Clearance for Construction of Proposed "Satyamitra Rajlaxmi Nature" Multi Dwelling Units (Total Plot Area = 24021 sqm., Total Proposed Built-up Area = 28433 sqm) at Khasra No. 537 Rangwasa village, Tehsil - Indore & Dist. Indore, MP.**

Earlier this case was scheduled for presentation and discussion in 333rd SEAC meeting dated 29/11/2018 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 14/07/20 which was forwarded through SEIAA vide letter no. 1871 dated 25/07/2020, which was placed before the committee.

The case was scheduled in 450nd meeting dated 13/08/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 450nd meeting dated 13/08/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

7. **Case No. – 6553/2019 Shri Ravindra Singh Yadav, Jagnapura No. 2, Ghasmandi, Dist. Gwalior, MP – 474003 Prior Environment Clearance for Stone Quarry & Murrum in an area of 2.940 ha. (Stone-59,205 cum per annum & Murrum- 26,660 cum per annum) (Khasra No. 32/1, 32/2, 33), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (MP).EIA Consultant: Green Circle Inc. Vadodara.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 32/1, 32/2, 33), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (MP) 2.940 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. Q-L 297/17/2019 dated: 23/09/2019 has reported

that there are 05 more mine operating or proposed within 500 meters around the said mine total area of 16.20 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 401th SEAC meeting dated 01/11/2019 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 18/8/20 which was forwarded through SEIAA vide letter no. 2320 dated 21/08/2020, which was placed before the committee.

PP and their consultant presented the EIA before the committees, during presentation during presentation as per Google image based on coordinates provided by PP it was observed that in the south west corner of the lease a temple is seen which is approx. 70 meters PP submitted that they will left additional 30 meters towards this side of the lease. PP has carried out one month additional monitoring in the month of Nov.- Dec. 2019.

Following details of this project were submitted by the PP:

- Lakhanpura Stone & Murrum Quarry is a new proposed stone and Murrum Quarry of Shri Ravindra Singh Yadav located at village Lakhanpura, Tehsil: Dabra, District: Gwalior (M.P). It is spread over an area of 2.940 ha.
- Under the current EC application the project is proposed for the production capacity of Granite Stone - 59,205 m³/year & Murrum 26,660 m³/year has been proposed.
- Since cluster of active mines area in the immediate surrounding exceeding 5 hectares, therefore EIA and EMP required for seeking Environmental Clearance from SEIAA as per the O.M F.No. L-11011/175/2018/IA-II (M) dated 12/12/2018.
- The estimated life of the mine is approx. 5 years.
- The Mining Lease was sanctioned by the Directorate of geology and Mining MP vide letter no. – 3645/Khanij/U.P./NA.KR 20/2018 dated 01/03/2019 for a period of 10 years.
- The production estimated to be 59,205 m³/ Year for stone & for Murrum 26,660 m³/ Year.
- The Mining Plan with Progressive Mine Closure Plan has been approved by, Directorate of Geology and Mining Regional Office Gwalior vide letter no. 380 dated 30.03.2019.

After presentation and deliberation, PP was asked to submit following information:

- Revised CER as suggested during meeting.

PP vide their letter dated 29.08.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend for Prior Environment Clearance for Stone Quarry & Murrum in an area of 2.940 ha. (Stone-59,205 cum per annum & Murrum- 26,660 cum per annum) (Khasra No. 32/1, 32/2, 33), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (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 activity 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. Haul road and shall be compacted on regular interval 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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.

19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. 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. As proposed in the landscape plan & EMP a minimum of 3000 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be (1.5 m Wide & 1 m Deep & 970 m Long). The settling tank will be 03 in number of size 4 m wide, 20 m long & 2.5 m deep.
25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

Sr.No.	USE	PRESENT Area (Hect.)	AFTER FIRST 5 YEAR Area (Hect.)	AT THE END OF MINE LIFE
1.	Area excavated	0.000	2.4042	0.0000
2.	Water harvesting	0.000	0.0000	2.4042
3.	Plantation	0.000	0.000	0.5358
4	Undistributed Area	2.940	0.5358	0.000

	TOTAL	2.940	2.940	2.940
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28. 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.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 10.31 Lakh is proposed and Rs.3.83 Lakh /year as recurring expenses.
34. Under CSR activity, Rs. 5.50 Lakh /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
35. 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.
36. 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.

8. Case No 7479/2020 Shri Sunil Kumar Jha S/o Shri Srilal Jha, Village - Pilukhedi, Tehsil - Narsinghgarh, Dist. Rajgarh, MP – 465667 Prior Environment Clearance for Stone & Murrum Quarry in an area of 1.0 ha. (Stone - 6463 cum per annum, Murrum - 3850 cum per annum) (Khasra No. 95/2, 94/1/1/2), Village - Pilukhedi, Tehsil - Narsinghgarh, Dist. Rajgarh (MP)

This is case of Stone & Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 95/2, 94/1/1/2), Village - Pilukhedi, Tehsil - Narsinghgarh, Dist. Rajgarh (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 429 dated: 04/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
05 Tree	within lease	North, South & West	04 Trees in the barrier zone and 01 tree in the north side . PP submitted this area shall be dealt as no- mining area and shown on map
Dug well	within lease	Centre to north side	PP submitted this area also shall be dealt as no- mining area and shown on map.

After presentation the committee asked to submit following details:

- Revised EMP as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone - 6463 cum per annum, Murrum - 3850 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.25 Lakh as capital and Rs. 01.75 Lakh/year and under CER Rs. 01.25 Lakh in 05 years is proposed.

9. Case No 7480/2020 M/s Ankuar Construction, Prop. Shri Shanti Lal Tanted, Cement Road, Kothi Bazar, Dist. Betul, MP – 460001 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (26803 cum per annum) (Khasra No. 152/1), Village - Nayak Charsi, Tehsil - Betul, Dist. Betul (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 152/1), Village - Nayak Charsi, Tehsil - Betul, Dist. Betul (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1170 dated: 11/08/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha. including this mine.

The case was presented by the PP and their consultant PP stated that 05 Trees in the in the north side including in the barrier zone. PP submitted this area shall be dealt as no- mining area and shown on map.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
05 Tree	within lease	North	05 Trees in the in the north side including in the barrier zone. PP submitted this area shall be dealt as no- mining area and shown on map.
Pucca Road	>380	South- East	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.

After presentation the committee asked to submit following details:

- Revised EMP as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone - 26803 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.32 Lakh as capital and Rs. 02.70 Lakh/year and under CER Rs. 03.20 Lakh in 05 years is proposed.

10. Case No 7488/2020 M/s Hariom Stone Crusher, Prop. Shri Vishal Shivhare, MIG-2, Shopping Centre, Tila Jamalpura, Dist. Bhopal, MP – 462001 Prior Environment Clearance for Stone and Kopra Quarry in an area of 4.0 ha. (Stone - 61348 cum per annum, Kopra - 15400 cum per annum) (Khasra No. 23/2/1, 23/2/2), Village - Dillod, Tehsil - Berasia, Dist. Bhopal (MP)

This is case of Stone and Kopra Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23/2/1, 23/2/2), Village - Dillod, Tehsil - Berasia, Dist. Bhopal (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 3443 dated: 13/08/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, it was observed that the pit is already excavated. PP submitted that it is very old pit and they have got the lease in such condition and the pit has shown on surface map. Moreover, 02 Trees in the in the centre of the lease are existing are proposed for felling. PP submitted 20 additional trees shall be planted.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
02 Trees	within lease	-	Existing 02 trees within lease are proposed

			felling for which PP will take permission from competent authority and 20 trees shall be additionally planted.
Pucca Road	>330	South-East	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.

After presentation, the committee asked to submit following details:

- Proposal for planting 20 additional trees in place of 02 proposed tree uprooting.
- Revised plantation scheme.
- Revised EMP as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 61,348 cum per annum, Kopra – 15,400 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.96 Lakh as capital and Rs. 03.015 Lakh/year and under CER Rs. 06.0 Lakh in 05 years is proposed.

11. Case No 7481/2020 M/s Daau Skyscrappers Pvt. Ltd, Authorized Person, Shri Aditya Pratap Singh, 179B, Subhashpuram Colony, Dist. Tikamgarh, MP – 486223 Prior Environment Clearance for Sand Quarry in an area of 0.40 ha. (1800 cum per annum) (Khasra No. 405/1), Village - Kasiyari, Tehsil - Jawa, Dist. Rewa (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 405/1), Village - Kasiyari, Tehsil - Jawa, Dist. Rewa (MP) 0.40 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 34 dated: 27/02/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein as per Google image based on coordinates provided by PP, committee observed that the entire ease lease area is submerged in the water. Even through the back Google images no area could be noticed where sand mining is possible. Thus, committee after deliberation recommends that this case cannot be considered for grant EC and file may be sent to SEIAA for onward necessary action.

12. Case No 7482/2020 M/s Daau Skyscrappers Pvt. Ltd, Authorized Person, Shri Aditya Pratap Singh, 179B, Subhashpuram Colony, Dist. Tikamgarh, MP – 486223 Prior Environment Clearance for Sand Quarry in an area of 0.50 ha. (3600 cum per annum) (Khasra No. 449/1), Village - Pathroda, Tehsil - Jawa, Dist. Rewa (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 449/1), Village - Pathroda, Tehsil - Jawa, Dist. Rewa (MP) 0.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 34 dated: 27/02/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein as per Google image based on coordinates provided by PP, committee observed that the entire ease lease area is submerged in the water. Even through the back Google images no area could be noticed where sand mining is possible. Thus, committee after deliberation recommends that this case cannot be considered for grant EC and file may be sent to SEIAA for onward necessary action.

13. Case No 7483/2020 M/s Daau Skyscrappers Pvt. Ltd, Authorized Person, Shri Aditya Pratap Singh, 179B, Subhashpuram Colony, Dist. Tikamgarh, MP – 486223 Prior Environment Clearance for Sand Quarry in an area of 0.50 ha. (3600 cum per annum) (Khasra No. 1), Village - Gohta, Tehsil - Jawa, Dist. Rewa (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1), Village - Gohta, Tehsil - Jawa, Dist. Rewa (MP) 0.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format

duly verified in the Tehsildar Office letter no. 34 dated: 27/02/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the part of the lease is submerged in the water for which PP submitted that they will left submerged area as non – mining area and the sanctioned depth of the sand is 3.0 meters. After presentation, the committee asked to submit following details:

1. Revised surface map showing non– mining area as part of the lease is submerged in the water.
2. Revised CER add School/ Gram Panchayt related activities as suggested during presentation.

PP has submitted the response of above queries same date vide letter dated 29.08.2020, which was placed before the committee. Committee observed that even after deducting the volume of sand in the non– mining area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘B’:

1. Production of Sand as per mine plan with quantity not exceeding 3,600 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.02 Lakh as capital and Rs 2.62 Lakh as recurring cost and under CER Rs. 0.60 Lakh/Year is proposed.

14. Case No 7486/2020 M/s Shreya Stone, R/o Pricipal Place - 28, Nandgaon, Baghmugaliya, Dist. Bhopal, MP – 466446 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.80 ha. (20000 cum per annum) (Khasra No. 112/10), Village - Dongri, Tehsil - Rehti, Dist. Sehore (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 112/10), Village - Dongri, Tehsil - Rehti, Dist. Sehore (MP) 1.80 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease’s within 500 meters radius around the site and other requisite information in the prescribed format

duly verified in the Collector Office letter no. 289 dated: 11/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
13 Tree	within lease	North	13 Trees in the in the centre and south –west corner of the lease (in the barrier zone). PP submitted this area shall be dealt as no-mining area and trees will not be uprooted.

After presentation the committee asked to submit following details:

- PP's commitment that no crusher shall not be installed within lease area.
- Transportation details.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.52 Lakh as capital and Rs. 03.91 Lakh/year as recurring cost and under CER Rs. 09.0 Lakh/year is proposed.

15. Case No 7489/2020 Shri Jitendra Singh S/o SHri Vikram Singh Parihar, Village - Kawdi, Dist. Dewas, MP - 455001 Prior Environment Clearance for Stone Quarry in an area of 1.910 ha. (18240 cum per annum) (Khasra No. 12/1), Village - Vijaypur, Tehsil - Dewas, Dist. Dewas (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 12/1), Village - Vijaypur, Tehsil - Dewas, Dist. Dewas (MP) 1.910 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 540 dated: 15/07/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.910 ha., including this mine.

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

16. Case No 7487/2020 M/s Shreeji Infrastructure India Pvt. Ltd, Shri Pranav Pratap Singh, 1180, University Road, Pachpedi, South Civil Lines, Dist. Jabalpur, MP – 482001 Prior Environment Clearance for Stone Quarry in an area of 3.250 ha. (107692 cum per annum) (Khasra No. 307/3/KA), Village - Lilauri, Tehsil - Raghurajnagar, Dist. Satna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 307/3/KA), Village - Lilauri, Tehsil - Raghurajnagar, Dist. Satna (MP) 3.250 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1583 dated: 14/08/2020 has reported that there are 02 more mines (01 mine of Lime Stone- area: 13.354 ha. & 01 mine of Stone - area: 1.213 ha Total area (if considering only Homogeneous Mineral than total area shall be = 3.250 +1.213= 4.463 hac.) operating or proposed within 500 meters around the said mine with total area of 4.463 ha., including this mine.

The case was presented by the PP and their consultant PP stated that this is a case of Stone Quarry lease was obtained under temporary permit (TP) with two years validity, applied for expansion from 35,861 cum per annum to 1,07,692 cum per annum. During presentation it was also observed that M.O. vide letter dated 14.08.2020 has mentioned that within 500 meters 02 more mines (01 mine of Limestone- area: 13.354 ha. & 01 mine of Stone - area: 1.213 ha. Total area=4.463 hac (if considering only Homogeneous Mineral, than total area shall be = 3.250 +1.213) Hence, as per MoEF&CC S.O. 2269 (E), dated 01.07.2016 only homogeneous minerals

shall be counted under cluster definition. Hence, area of Limestone mine shall not be counted which is of 13.354 ha. and only Homogeneous Mineral shall be considered, then total area shall be = 3.250 + 1.213 this mine is considered which <5.0 ha. and not came in cluster definition.

After presentation, the committee asked to submit following details for further consideration of the project:

- Compliance report of earlier EC issued from competent authority.

17. Case No 7422/2020 M/s Dilip Buildcon Limited, Plot No. 5, Inside Govind Narayan Singh Gate, Chuna Bhatti, Kolar Road, Bhopal Prior Environment Clearance for Stone Quarry in an area of 3.50 ha. (47628 cum per annum) (Khasra No. 870, 873), Village - Dang Sarkar, Tehsil - Gohad, Dist. Bhind (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 870, 873), Village - Dang Sarkar, Tehsil - Gohad, Dist. Bhind (MP) 3.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 236 dated: 18/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant after presentation the committee asked to submit following details:

- Revised plantation species - remove Jamun, Kadam & Arjun and instead of these include Amaltas, Dudhi, Khirni & Maulshree species as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 47,628 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 17.26 Lakh as capital and Rs. 02.76 Lakh/year as recurring cost , under CER Rs. 08.0 Lakh in 05 year is proposed.

18. Case No 7406/2020 Shri Mukesh Tahlani, Ward No. 28, Krashnapuri, Sindi Colony, Dist. Hoshangabad, MP Prior Environment Clearance for Stone Quarry in an area of 3.730 ha. (28025 cum per annum) (Khasra No. 344), Village - Samnapurkalan, Tehsil - Goharganj, Dist. Raisen (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 344), Village - Samnapurkalan, Tehsil - Goharganj, Dist. Raisen (MP) 3.730 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. 777 dated: 18/06/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.730 ha., including this mine.

The case was scheduled in 451nd meeting dated 14/08/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by the PP and their consultant after presentation the committee asked to submit following details:

- Crusher proposed within lease area proposal for 3.0 meters MS sheet wall in the EMP.
- Revised plantation species - remove Jamun, Kadam & Arjun and instead of these include Amaltas, Dudhi, Khirni & Maulshree species as suggested during presentation

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 28,025 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 16.61 Lakh as capital and Rs. 02.15 Lakh/year as recurring cost, under CER Rs. 05.0 Lakh in 05 year is proposed.

19. Case No 7407/2020 Shri Anokhilal Jain, Titrod, Tehsil - Sitamau, Dist. Mandsaur, MP – 477001 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8232 cum per annum) (Khasra No. 14, 15, 16, 17), Village - Karnali Jagir, Tehsil - Sitamau, Dist. Mandsaur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 14, 15, 16, 17), Village - Karnali Jagir, Tehsil - Sitamau, Dist. Mandsaur (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2317 dated: 10/07/20 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 451nd meeting dated 14/08/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is already excavated. PP submitted that it is very old pit excavation took place since 2011 and they have got the lease in such condition. After presentation the committee asked to submit following details:

- Revised Surface map.

- Crusher is proposed within lease area proposal for 3.0 meters MS sheet wall in the EMP.
- Revised plantation species - remove Jamun, Kadam & Arjun and instead of these include Amaltas, Dudhi, Khirni & Maulshree species as suggested during presentation

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 8232 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.40 Lakh as capital and Rs. 01.85 Lakh/year as recurring cost , under CER Rs. 03.50 Lakh in 05 year is proposed.

20. Case No 7469/2020 Shri Sanjeev Kumar Jain, Ward No. 03, Isagarh Distt. Ashok Nagar (M.P.) Prior Environment Clearance for Stone Quarry in an area of 1.750 ha (22876 Cum per Annum) at (Khasra No. 811, 822, 823, 824, 826/3/1. 829/1) Village = Fatera, Tehsil – Isagarh Distt. Ashoknagar (M.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 811, 822, 823, 824, 826/3/1. 829/1) Village = Fatera, Tehsil – Isagarh Distt. Ashoknagar (M.P.) 1.750 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. NIL dated: NIL has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.750 ha. including this mine.

The case was presented by the PP and their consultant after presentation the committee asked to submit following details:

- Crusher is proposed within lease area proposal for 3.0 meters MS sheet wall in the EMP.

- Revised plantation species - remove Jamun, Kadam & Arjun and instead of these include Amaltas, Dudhi, Khirni & Maulshree species as suggested during presentation

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 22,876 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.96 Lakh as capital and Rs. 02.20 Lakh/year as recurring cost , under CER Rs. 05.0 Lakh in 05 year is proposed.

21. Case No 7470/2020 Smt. Nisha Yadav, Gram- Belai, Tehsil – Mungaoli, Distt. Ashoknagar (M.P.) Prior Environment Clearance for Stone Quarry in an area of 1.393 ha. (8610.8 Cum per annum) at (Khasra No. 56/2/Min-2) Village Belai, Tehsil – Mungaoil Distt. Ashoknagar (M.P)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 56/2/Min-2) Village Belai, Tehsil – Mungaoil Distt. Ashoknagar (M.P) 1.393 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 88 dated: 17/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant after presentation the committee asked to submit following details:

- Crusher is proposed within lease area proposal for 3.0 meters MS sheet wall in the EMP.

- Revised plantation species - remove Jamun, Kadam & Arjun and instead of these include Amaltas, Dudhi, Khirni & Maulshree species as suggested during presentation

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 8610.8 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.56 Lakh as capital and Rs. 02.15 Lakh/year as recurring cost , under CER Rs. 03.50 Lakh in 05 year is proposed.

22. Case No 7490/2020 Shri Rajendra Singh Meena, Village - Samonia, Post - Sanchet, Tehsil & Dist. Raisen, MP Prior Environment Clearance for Murrum Quarry in an area of 1.0 ha. (14790 cum per annum) (Khasra No. 198), Village - Khoha, Tehsil - Raisen, Dist. Raisen (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 198), Village - Khoha, Tehsil - Raisen, Dist. Raisen (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Mining Inspector letter dated: 11/10/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha., including this mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Murrum Quarry no blasting and no drilling is proposed. Mining shall be done through Opencast Semi Mechanized Method. During presentation as per Google image based on coordinates provided by PP, it was observed that a lease is located on the hillock's southern side which is dipping south side, also on the foot hill settlement is located in the south as well as eastern

side. Hence, committee asked PP to submit protection plan. After presentation the committee asked to submit following details:

- Submit protection plan as settlement is located in the south as well as eastern side on the foot hill.
- Channelization plan of surface run-off w.r.t. settlement is located in the south as well as eastern side on the foot hill.
- Plan for outlet of siltation pond.
- Revised plantation species - remove Jamun, Kadam & Arjun and instead of these include Amaltas, Dudhi, Khirni & Maulshree species as suggested during presentation
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum – 14,790 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.98 Lakh as capital and Rs. 01.74 Lakh/year as recurring cost , under CER Rs. 0.60 Lakh in 03 year is proposed.

23. Case No 7491/2020 M/s Tirupati Enterprises, partner, Smt. Manju Patidar, Shri Sunil Patidar, Shri Ajay Patidar, AB Road, Jamli, Tehsil -m Mahow, Dist. Indore, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (15000 cum per annum) (Khasra No. 1371/1), Village - Salkanpur, Tehsil - Dhar, Dist. Dhar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1371/1), Village - Salkanpur, Tehsil - Dhar, Dist. Dhar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format

duly verified in the Tehsildar Office letter no. 762 dated: 18/03/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant as per Google image based on coordinates provided by PP it was observed that two mining in the North- Eastern and South – eastern direction are in operation but Tehsildar Office letter no. 762 dated: 18/03/2020 has reported that there are no more mines operating or proposed within 500 meters around this mine. After presentation the committee asked to submit following details:

- Justification on two mining in the North- Eastern and South –Eastern direction are in operation.
- Revised CER as suggested during presentation
- Revised EMP as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. PP has also submitted revised MO certificate stating two more mines within 500 meters and total area is 4.50 ha. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production shall be as per mine plan with quantity not exceeding for Stone – 15,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 14.13 Lakh as capital and Rs. 03.15 Lakh/year as recurring cost, under CER Rs. 01.50 Lakh in 05 year is proposed.

24. Case No 7492/2020 M/s Nijanad Stone Crusher, Shri Heera Lal Kanasa, Proprietor, R/o Kosdana, Tehsil - Gandhwani, Dist. Dhar, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (12108 cum per annum) (Khasra No. 279/1/3), Village - Malhera, Tehsil - Gandhwani, Dist. Dhar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 279/1/3), Village - Malhera, Tehsil - Gandhwani, Dist. Dhar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2029 dated: 13/08/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant as per Google image based on coordinates provided by PP it was observed that two mining in the North- Eastern and South – eastern direction are in operation but Tehsildar Office letter no. 762 dated: 18/03/2020 has reported that there are no more mines operating or proposed within 500 meters around this mine. After presentation the committee asked to submit following details:

- Revised CER as suggested during presentation
- Revised EMP as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 12,108 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 18.97 Lakh as capital and Rs. 02.80 Lakh/year as recurring cost, under CER Rs. 0.90 Lakh in 05 year is proposed.

25. Case No 7473/2020 Shri Shiv Singh Kerar S/o Shri Panna Lal Kerar, R/o Village - Kishanpur, Tehsil & Dist. Morena, MP Prior Environment Clearance for Soil Quarry in an area of 1.0 ha. (3000 cum per annum) (Khasra No. 740/1, 740/2, 738), Village - Kishanpur, Tehsil - Morena, Dist. Morena (MP)

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 740/1, 740/2, 738), Village - Kishanpur, Tehsil - Morena, Dist. Morena (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 506 dated: 07/08/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, it was observed that kiln is existing within lease area PP submitted that earlier soil brought from other site and prepared bricks here in this site. PP further stated that it is soil quarry where no drilling and blasting is proposed. After presentation the committee asked to submit following details:

- Commitment for depth restriction of 02 meters.
- Fly ash management and coal handling details.
- Revised CER as suggested during presentation
- Revised EMP as suggested during presentation.

Vide letter dated 29.08.2020, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil 3,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.98 Lakh as capital and Rs. 2.586 Lakh/year. Under CER Rs. 0.30 Lakh/years is proposed.

26. Case No 7476/2020 Shri Mufti Mohammad S/o Shri Chand Mohammad, R/o Village - Bhatiya, Tehsil - Gunnor, Dist. Panna, MP Prior Environment Clearance for Flagstone Quarry in an area of 1.0 ha. (2268 cum per annum) (Khasra No. 178), Village - Bijadeh Khilsarii, Tehsil - Pawai, Dist. Panna (MP)

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 178), Village - Bijadeh Khilsarii, Tehsil - Pawai, Dist. Panna (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 737 dated: 11/06/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.30 ha., including this mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry no blasting is proposed. Mining shall be through Opencast Semi Mechanized Method. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
02 Trees	Within lease	North	Commitment that no tree falling and this area deal as non- mining zone
Natural Drain	>180	North-East	Provision of Garland drain & settling tanks.
Shed	Within area	-	Shed belonging to PP

After presentation, the committee asked to submit following details:

- 02 trees within lease commitment that no tree falling is proposed and shall be as non-mining zone.
- Commitment that Shed within lease area is belonging to PP.

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 2268 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.71 Lakh as capital and Rs. 1.82 Lakh/year. Under CER Rs. 0.30 Lakh/ year has proposed.

27. Case No 7475/2020 M/s. Shri Hukum Jugal Kishore Jee Maharaj & Company, Prop. Shri Ravendra Singh Bhadauriya, Lessee Kunjwan, Distt. Panna (M.P.) Prior Environment Clearance for Flagstone Quarry in an area of 1.0 ha. (1512 cum per annum) (Khasra No. 14/2), Village - Lilwar, Tehsil - Pawai, Dist. Panna (MP)

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 14/2), Village - Lilwar, Tehsil - Pawai, Dist. Panna (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1020 dated: 17/07/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.0 ha., including this mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry no blasting is proposed. Mining shall be through Opencast Semi Mechanized Method. In the DFO, letter vide no 4788 dated 14/09/2018 forest area is at a distance of 77 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 02.03.2019.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Isolated Houses	>210 & > 200	NE & SE	Three rows of Plantation towards road side.
Natural Drain	>120	West	Provision of Garland drain & settling tanks.

The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 1512 cum/annum.

2. A budgetary provision for Environmental management Plan of Rs. 4.13 Lakh as capital and Rs. 1.35 Lakh/year. Under CER Rs. 0.20 Lakh/ year has proposed.

28. Case No 7478/2020 Shri Mahesh Rajak S/o Shri Sitaram Rajak, R/o Tikuriya Mohalla, Dist. Panna, MP - 488001 Prior Environment Clearance for Flagstone Quarry in an area of 1.315 ha. (6000 cum per annum) (Khasra No. 348/13), Village - Janakpur, Tehsil - Panna, Dist. Panna (MP)

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 348/13), Village - Janakpur, Tehsil - Panna, Dist. Panna (MP) 1.315 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1093 dated: 29/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry no blasting is proposed. Mining shall be through Opencast Semi Mechanized Method. As per Google image it was observed that some trees exist within lease are for which PP stated they shall be kept intact and this area shall be dealt as no- mining area.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	within lease	South West to South east -	PP stated they shall be kept intact and this area shall be dealt as no- mining area

The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 6000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.73 Lakh as capital and Rs. 1.45 Lakh/year as recurring cost. Under CER Rs. 0.30 Lakh/ year has proposed.

29. Case No. – 6274/2019 Shri Ruchit Daga S/o Shri Mahendra Daga, Tehsil - Badnawar, Dist. Dhar, MP Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 ha. (5,880 cum per annum) (Khasra No. 135/1), Village - Manglya, Tehsil - Badnawar, Dist. Dhar (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 135/1), Village - Manglya, Tehsil - Badnawar, Dist. Dhar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2214 dated: 20/04/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation in 387th SEAC meeting dated 07/08/2019 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in 380th SEAC meeting dated 05/07/2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant wherein it was observed from the Google image that the lease is already excavated, for which PP submitted that they have obtained EC from DEIAA and it's a case of lease renewal. Committee observed that the coordinates are not matching with the actual lease boundary shown by the PP and as per the co-ordinates provided in mine plan. Committee also observed that lease has already infringed natural stream which is in existence on the western side of the lease.

Thus, committee after deliberations recommends that PP shall submit the DGPS co-ordinates of the lease and copy of earlier EC obtained from DEIAA for further consideration of this case.

In the SEAC 393th meeting dated 30/8/19, query raised and issued letter no. 645 dated 23/9/19 and reminder letter was also sent to the PP vide letter no. 766 dated 13/12/19. PP so far has not submitted the desired information thus in the SEAC 416th meeting dated 08-01-2020 committee after deliberations decided that the case is recommended for delisting in the light of MoEF&CC OM file No. J-11013-5-2009-IA-II (part) dated 30/10/2012.

SEIAA vide letter 1826-27/SEIAA/20 dated 23-07-2020 case relisted and sent technical file to SEAC along with PP request letter dated 30.6.2020 wherein PP stated that due to some unavoidable circumstances he was not able to present the case .

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the SEAC 451st dated 14.08.2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

30. Case No 7416/2020 Shri Nagendra Singh S/o Shri Aniyar Singh, Village - Deori, Tehsil - Majhauri, Dist. Sidhi, MP – 486666 Prior Environment Clearance for Stone Quarry in an area of 1.481 ha. (7056 cum per annum) (Khasra No. 676, 677, 678, 679, 688, 689), Village - Khajuriha, Tehsil - Majhauri, Dist. Sidhi (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 676, 677, 678, 679, 688, 689), Village - Khajuriha, Tehsil - Majhauri, Dist. Sidhi (MP) 1.481 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 1583 dated: 16/10/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.031 ha. including this mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	within the lease	-	Set back of 10 meters both side of the road within the lease excluding barrier zone.

After presentation, the committee asked to submit following details:

- PP's commitment set back of 10 meters both side of the kachcha road within the lease area excluding barrier zone of 7.5 meters.
- Crusher proposed within lease area proposal for 3.0 meters MS sheet wall in the Revised EMP

PP has submitted the response of above quarries same date vide letter dated 29.08.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 7056 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.29 Lakh as capital and Rs. 03.17 Lakh/year and under CER Rs. 0.90 Lakh/ year has proposed.

31. Case No 6928/2020 Shri Amit Kumar Jain, H.No. 181, Mahakali Ward, Deori, Dist. Sagar, MP Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (1,800 cum per annum) (Khasra No. 01), Village - Semrakhedi, Tehsil - Deori, Dist. Sagar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01), Village - Semrakhedi, Tehsil - Deori, Dist. Sagar (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1507 dated: 13/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation in 431th SEAC meeting dated 18/03/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by the PP and their consultant, during appraisal of the case file it was observed that the Mining Officer has mentioned that there are no mines within 500 meters of this mine while on Google map two more mine can be seen hence, committee asked PP to submit revised MO certificate related to give information of mines within 500 meters.

MO vide letter dated 13/06/20 has again stated that there are no mines within the 500 meters periphery and thus the case was scheduled in agenda.

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

32. Case No 7484/2020 Shri Prem Singh, 13, Kalchuri Bhawan Ke Samne, Chola Road, Bhopal, MP – 462008 Prior Environment Clearance for Stone Quarry in an area of 2.730 ha. (15386 cum per annum) (Khasra No. 304/2/5/1), Village - Samnapurkala, Tehsil - Gouharganj, Dist. Raisen (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 304/2/5/1), Village - Samnapurkala, Tehsil - Gouharganj, Dist. Raisen (MP) 2.730 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1685 dated: 06/03/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.730 ha., including this mine.

The case was presented by the PP and their consultant wherein as per Google image based on coordinates provided by PP, committee observed that in human settlement are in close proximity in the north- east and south- east part of lease. Some settlements are even within the lease area and timeline of Google image shows that these human settlements are in existence

since 2013 and needs to be relocate to carryout mining as this mining involves blasting. PP submitted that these hutments are unauthorized and with the help of district authority they will get them relocated. Thus, committee after deliberation recommends that considering the sensitivity of settlements within the lease this case at this stage cannot be considered for grant of EC and file may be sent to SEIAA. In the mean time, PP shall submit detailed R & R plan in consultation with the district authority with firm commitment of district authority that these settlements will be relocated.

DISCUSSION BASED ON QUERY REPLY SUBMITTED BY PP**33. Case No 7357/2020 M/s Radhe Construction, Village - Veerpur, Tehsil - Lithora, Dist. Tikamgarh, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (43998 cum per annum) (Khasra No. 29/1) at Village- Jaruva, Tehsil- Tikamgarh, District- Tikamgarh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 29/1) at Village- Jaruva, Tehsil- Tikamgarh, District- Tikamgarh (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 3421 dated 26/2/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in the 448th SEAC meeting dated 23.07.2020. During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed-

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	30	NE-SE	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.

It was also observed that this was old excavated mine for which PP submitted that they have got the lease in this condition and the pit has shown in the surface map. After presentation the committee asked to submit following details:

- Blasting frequency.
- Commitment that no crusher is proposed within lease.
- Revised plantation.
- Revised EMP, add VT training activity with appropriate budget.
- Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic and development of grazing land in first year and school infrastructure/ Community hall maintenance from second year onwards.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 43,998 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.16 Lakh as capital and Rs. 0.95 Lakh/year as recurring cost and under CER Rs. 1.0 Lakh/ year is proposed.

34. Case No 6735/2020 Shri Manoj Kumar Singh, R/o 8B/K.K. 25 Krishna Puram, Devnagar, Dist. Agra, UP. Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (1,10,000 cum per annum) (Khasra No. 523), Village - Bilharikalan, Tehsil - Datia, Dist. Datia (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 523), Village - Bilharikalan, Tehsil - Datia, Dist. Datia (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no 735 dated 15/10/15 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 11.80 ha including this mine.

The case was scheduled for the presentation in 420th SEAC meeting dated 27/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant in 424th SEAC meeting dated 12/02/20 wherein during presentation it observed that Environmental clearance (EC) for a production of 25,000 cum of stone (gitty) per year has been obtained from DEIAA, vide letter no. Q/Khanij/3-6/DEIAA/36833/2015 Ditiya on 8/6/2016. Now it is proposed to enhance the production of stone (gitty) to 1,10,000 cum per year. Therefore, a fresh EC is required to be obtained from SEIAA (M.P.) For this purpose a modified mining plan for producing 1,10,000cum stone (gitty) per annum has been approved by Regional Head Department of Geology & Mining Madhya Vide his letter no. 51/M.Plan Cell/Na. Kra. 1/2018-19 Gwalior Date 29. 01.2019. PP was also instructed to obtain compliance report of earlier EC conditions from competent authority.

Being it's a case Stone with total area of 11.80 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance. As per the Google image based on the co-ordinates submitted by the PP, a water body can be seen within lease area, for this PP submits that this is old query pit. Committee further observed that bunding can be seen through the Google image for which PP submitted that it's a kachha road developed by villagers for crossing the lease. Hence committee after deliberation decided to carry-out site visit of this area in order to verify the facts and ToR shall be recommended after site visit.

Again in the 432nd SEAC meeting dated 18/05/20 it was decided that in certain cases considering the environmental sensitivity site visits were proposed by SEAC to verify facts and take suitable decisions for their appraisal. In view of the outbreak of Corona Virus (COVID 19) and subsequent lockdown declared for its control it is not possible to carry out these proposed site visits and may cause delay in deciding the cases. Committee further observed that bunding can be seen through the Google image for which PP submitted that it's a kachha road developed by villagers for crossing the lease. After deliberations, it was decided by the committee that PP shall submit a drone videography for further consideration of case for TOR.

PP submitted the drone video of the lease area wherein water logged pit can be seen and PP submitted that this is mining pit and mining is still carried out on this lease. However, they have

proposed for expansion from 25,000 cum/year to 1,10,000 cum/year. Being pit developed due to previous mining, water logged area can be seen. Committee after deliberations decided it's a case Stone with total area of 11.80 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance hence committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D for expansion:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. A certification from Tehsildar /Gram Panchayat shall be obtained and submitted with EIA report that pit in existence within the lease area is not a water body as submitted by PP.
3. Compliance of earlier EC condition verified by the competent authority.
4. Detailed study of ground vibration and fly rocks shall be done.
5. Transportation plan & traffic management plan should be discussed in the EIA report.
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. 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.

TOR CORRIGENDUM

35. Case No. – 6493/2019 M/s Om Granite, Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, MP – 471510 Prior Environment Clearance for Crusher Stone (Granite) Mine in an area of 1.214 ha. (25,886 cum per annum) (Khasra No. 1591/2P), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP).

This is case of Crusher Stone (Granite) Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1591/1, 1599/1/1, 1593/1, 1594/1, 1361/1/2), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP) 1.214 Ha. The project requires prior EC before commencement of any activity at site.

In the SEAC- 396th meeting dated 30/10/2019 the committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA. Accordingly the TOR was issued to the PP vide no. 729 dated 30.10.2019.

PP vide letter dated 19/08/2020 has applied for revised ToR wherein PP stated that due to error the cluster's khasra no. of the project were mentioned (given in the form-1 as 1591/1, 1599/1/1, 1593/1, 1594/1, 1361/1/2) instead of Khasra no. 1591/2P . Committee accepts the request made by PP and recommended to issue revised ToR with revised Khasra no. as 1591/2P. Now new Khasra no. shall be read as 1591/2P. Remaining conditions for ToR shall remain same as recommended in SEAC- 396th meeting dated 30/10/2019.

36. Case No. – 6396/2019 Smt. Akancha Singh, W/o Shri Kuldeep Singh, Choubey Colony, Behind of Collector Home, Dist. Chhatarpur, MP. Prior Environment Clearance for Metal Crusher Stone Quarry (Granite Stone Mining) in an area of 2.439 ha. (1,78,210 cum per annum) (Khasra No. 483, 484), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Crusher Stone Quarry (Granite Stone Mining). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 483, 484), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.439 Ha. The project requires prior EC before commencement of any activity at site.

Earlier the case was presented by PP and their consultant in 390th SEAC meeting dated 10/08/2019, wherein TOR was recommended.

PP vide letter dated 05/02/2020 has applied for revised ToR along with revised Form-I, to SEAC and SEIAA, wherein PP stated that due to error, the production quantity of stone in the earlier Form- I was mentioned 90,000 cum per annum and on the same quantity TOR was issued vide no. 908 dated 26.12.2019 as prescribed in the 390th SEAC meeting dated 10/08/2019. Now, PP submitted revised Form- I with desired quantity of 1,78,210 cum per annum as per mining plan.

The case file with revised Form- I was placed before the committee wherein committee observed that earlier PP has applied for 90,000 cum/year production and thus the TOR for the same quantity was issued. Now PP has applied for quantity correction as per mine plan for 1,78,210 cum/year. Committee after deliberations recommended revised TOR with the quantity of 1,78,210 cum per annum (this is as per mining plan's maximum production in the

year 2020-21) and the other conditions recommended in 390th SEAC meeting dated 10/08/2019 will remain the same.

PP has submitted the EIA report vide letter dated 27/05/2020 which was forwarded through SEIAA vide letter no. 544 dated 04/06/2020, which was placed before the committee.

The EIA was presented by the by PP and their consultant in 441th SEAC meeting dated 15/06/2020, wherein EC was recommended by the committee for the production of 90,000 cum/annum.

PP vide letter dated 19/06/2020 has applied for correction in production quantity from 90,000 cum/annum to 1,78,210 cum per annum as per revised Form-1. The Committee observed that due to typographical error, the case was recommended for 90,000 cum/year wherein it should be for 1,78,210 cum/year and thus accept the request made by PP and recommends for correction in production quantity of Metal Crusher Stone from 90,000 cum/year to 1,78,210 cum per annum. The remaining conditions shall remain unchanged as recommended in the 441th SEAC meeting dated 15/06/2020.

37. Cases recommended for delisting as PP has not submitted the desired information and pending since long:

PP has not submitted desired information in the stipulated time even after given reminder letter. Hence, these cases are recommended by the committee for delisting in the light of MoEF&CC, O.M. File no. J-11013/5/2009-IA-II (Part) , dated 30th October, 2012.

SN	Case No. Activity	SEAC Meeting details	Reason for delisting
1.	Case No. - 6795/2020 Shri Rajesh Sharma S/o Shri Ramswaroop Sharma, 211, Ward No. 08, Village - Malanpur, Tehsil - Gohad, Dist. - Bhind (M.P.) – 477117. Prior Environment Clearance for Stone Quarry in an area of 1.045 ha. (39958 cum per annum) (Khasra No. 272), Village - Bhattapura Brahman, Tehsil - Gwalior, Dist. – Gwalior (M.P.). SIA/MP/MIN/138031/2020.	424 th Meeting dated 12/02/2020. Qry. letter issued vide letter No. 108 dated 28/02/2020, Qry. Reminder letter issued vide letter No. 172 dated 13/05/2020 letter No. 363 dated 25/07/2020.	PP Reply not received till date.

2.	<p>Case No. - 6938/2020 Shri Aslam Sher Khan S/o Shri Saleem Khan, Ganj Road, Sabalgarh, Dist. - Morena, (M.P.) - 476229, Prior Environment Clearance for Murrum Quarry in an area of 1.50 ha. (10000 cum per annum) (Khasra No. 976), Village - Sabalgarh, Tehsil - Sabalgarh, Dist.- Morena (M.P.). [133356] SIA/MP/MIN/133356/2020.</p>	<p>431st Meeting dated 18/03/2020. Qry. letter issued vide letter No. 158 dated 03/05/2020, Qry. I Reminder letter issued vide letter No. 369 dated 25/07/2020.</p>	<p>PP Reply not received till date.</p>
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(Dr. Anil Sharma)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. Sonal Mehta)
Member

(Dr. R. Maheshwari)
Member

(Dr. Jai Prakash Shukla)
Member

(A.A. Mishra)
Secretary

(Dr. Rubina Chaudhary)
Member

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murum and Soil quarries:

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

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
23. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.

5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. 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.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
17. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
18. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
19. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. 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.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.

23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. 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.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations- issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

Annexure- 'C'

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.

15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.

10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER 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 CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analysed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.

27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.

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.

29. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
30. Detailed analysis of availability and quality of the drinking water resources available in the block.
31. 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.
32. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.